

## Product Catalogue

Simple. Reliable. Profitable.

#### **OUR CREDO**

imp	le, I	₹el	iabl	e &	ι Pi	rof	ia	b	le	3

#### **ABOUT US**

<b>Since 200</b>	10, AMC ha	ad been knov	wn as
a leading	brand in t	the audio ind	dustry4-5

#### **CASE STUDIES & ENVIRONMENTS**

AMC	produc	cts are re	cognizak	ole in many	
prest	igious	building	s around	the globe.	6-7

#### OUR PRODUCTS

A-mill	facturing	to ction or	O dictui	محمناتيما	0.0
V 2 1 1 1 1			NUISITI		A-9

#### LITEXPO EXHIBITION CENTRE - CASE STUDY

The Lithuanian Exhibition Centre is a unique place where the pulse of public life is best felt and its changes are quickest to be noticed ..... 88

#### LITTLE BUDDHA - CASE STUDY

A rief insight into how Monitor 8 is	
used for warm and clear sound in the	
Duccia/c/Little Buddha Kaliningrad/	120

#### **CASE STUDIES & ENVIRONMENTS** AMC products are recognizable in many prestigious buildings around the globe .....6-7

#### Manufacturing, testing & distribution......8-9

#### **LITEXPO EXHIBITION CENTRE - CASE STUDY**

The Lithuanian Exhibition Centre is a unique place where the pulse of public life is best felt and its changes are quickest to be noticed ..... 88

#### **LITTLE BUDDHA - CASE STUDY**

A rief insight into how Monitor 8 is used for warm and clear sound in the Russia's 'Little Buddha, Kaliningrad' ....... 120

#### An Introduction to AMC Baltic

Wherever you go, whatever public facility you visit, a good, reliable sound system is essential.

With over 10 years of experience, AMC Baltic® provides the best possible solutions and redefines the benchmark for affordable commercial sound equipment. Specializing in Public Address and other commercial audio applications, the AMC product range covers the needs of even the most demanding of users and applications.

## **Simplicity**

All of our products are easy to install and use. Because of the flexibility of our housings, loudspeakers can be quickly and easily installed into ceilings or walls. Many of our devices (such as loudspeakers, amplifiers and preamplifiers) use Phoenix connectors which makes it easy to connect our equipment, without any special tools and this saves on installation time. Our products blend into a wide variety of contemporary interiors and become an integral part of the architecture. For simplicity, the main controls of the electronic equipment are located in the front panel and are marked by clearly understandable symbols, while the control elements for professional use are located in the rear. We help installers by printing the main technical parameters on the product box and label, making selection and installation easier and avoids mistakes. Our professional audio music players will play files from USB flash and SD memory media.

AMC Product Catalogue - INTRODUCTION

## **Reliability**

Our products will give consistently great results, even if used 24/7. Simplicity of design, using only premium suppliers for our minimum moving part components, gives our product range the edge in reliability. Loudspeaker enclosures are produced from high quality ABS plastic. Amplifiers and players are extremely resistant to dust and high temperatures and overload protection circuits are built into almost every device. All of this, combined with a rarely called-upon guarantee, gives the consumer total peace of mind. Our 10 years experience of providing professional engineering solutions enables us to deliver the most reliable devices to the audio industry. Our products are equally comfortable inside or outside a building; they are capable of being driven hard anywhere. We know this because we constantly test them in the lab and in the real world.

## **Profitability**

We are able to maintain an exceptional price-to-quality ratio by selling in large quantities, thus enabling our costs to be more competitive when compared to our rivals. Because of this sales structure, together with a fantastic product range that offers a complete solution, we are more attractive to big installation and construction companies. Ultimately, we save our customers money. For the dynamically developing audio market AMC Baltic is able to offer a continuously updated portfolio of products, which provides an advantage to our distributors in the competitive marketplace.

the information in this catalogue is correct, we accept no liability in respect of errors or omissions. All subject to change as products are updated.

Whilst every effort has been made to ensure that

INTRODUCTION - AMC Product Catalogue

AMC Product Catalogue - INTRODUCTION

Since 2000, AMC had been known as a leading brand in the audio industry.......4-5

#### **CASE STUDIES & ENVIRONMENTS**

AMC products are recognizable in many prestigious buildings around the globe .....6-7

#### OUR PRODUCTS

Manufacturing, testing & distribution......8-9

#### LITEXPO EXHIBITION CENTRE - CASE STUDY

The Lithuanian Exhibition Centre is a unique place where the pulse of public life is best felt and its changes are quickest to be noticed ..... 88

LITTLE BUDDHA - CASE STUDY
A rief insight into how Monitor 8 is
used for warm and clear sound in the
Russia's 'Little Buddha, Kaliningrad' ............ 120

Simple. Reliable. Profitable.

# Case Studies & Environments

We sell to 35 countries worldwide. Some of our customers are: Abiss, Audiologic, Audio Integrate, AVR, BLC Turva, Digital Emotions, Esistemas, GVI Vertriebs, Honeywell, Imlight Showtechnic, Jazz-Club, Karadag Elektronik, Last Inc., Linearic, Norsk Lydteknikk, Novar, Proeling, Promedias, Sisme, Starfelt, Technology Innovated Distributio & V. V. & Sons Company



**Zalgiris Arena** 

The largest 15.000 capacity Sport and Entertainment arena in the Baltic states, located in Kaunas, Lithuania.



Veli Vrh

The modern new primary school in Pula, Istria, Croatia.



Eurovea

The most sophisticated retail, residential, office and leisure center in Central Europe, Bratislava, Slovakia.



Druskininkai Aquapark

The largest and most impressive water park in the Baltic states.



**Resurrection Church** 

The famous monumental Roman Catholic church with awesome panoramic view of city Kaunas, Lithuania.



Europa

The shopping mall with fashion and style. It is dynamic and elegant, comfortable and cozy.



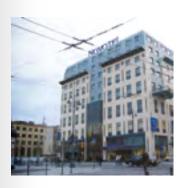
**Hotel Central** 

Newly renovated hotel in excellent location in old city of Bucharest, Romania.



**Skating Rink** 

The king of all outdoor rinks! The ice rink covers more than 3000m<sup>2</sup> and is located in the heart of Moscow in Red Square.



**Novotel Vilnius Centre** 

The hotel in the historic and commercial heart of Vilnius, Lithuania.



**Holiday Inn Vilnius** 

Voted one of the best hotels within more than 600 Intercontinental Hotels Groups.



**IKEA Vilnius** 

First IKEA shopping centre in Baltic states opened in 2013.



Zara - Vilnius

One of the largest international fashion companies with hundreds of shops around the globe.

Our products are used across many sectors in a variety of architectual environments.

#### **Houses of Worship**

Churches, Mosques, Temples, Cathedrals and Synagogue's

#### **Transportation Hubs**

Airports, Ferry Ports, Train and Bus Terminals

#### **Public Galleries**

Museums, Aquariums, Art and Exhibition Centres

#### **Halls of Education**

Libraries, Schools, Colleges and University Campus

Outlets, Supermarkets and Shopping Centers

#### **Food & Drink Establishments**

Cafés, Pubs, Bars, Coffee **Houses and Restaurants** 

#### **Corporate AV**

Factories, Offices, Boardrooms and Conference Facilities

#### **Public Accomodation**

Hotels, Motels, Inns and Boarding Houses

#### **Sporting & Leisure**

Stadiums, Arenas, Gyms, Rinks, Pools & Sport Centres

#### **Entertainment**

Music Venues, Theaters, Cinemas and Auditoria

#### **Health & Beauty Institutes**

Surgeries, Hospitals, Medical Centres and Spa's

Since 2000, AMC had been known as a leading brand in the audio industry......4-5

#### **CASE STUDIES & ENVIRONMENTS**

prestigious buildings around the globe ..... 6-7

AMC products are recognizable in many

Manufacturing, testing & distribution......8-9

#### LITEXPO EXHIBITION CENTRE - CASE STUDY

The Lithuanian Exhibition Centre is a unique place where the pulse of public life is best felt and its changes are quickest to be noticed ..... 88

#### LITTLE BUDDHA - CASE STUDY

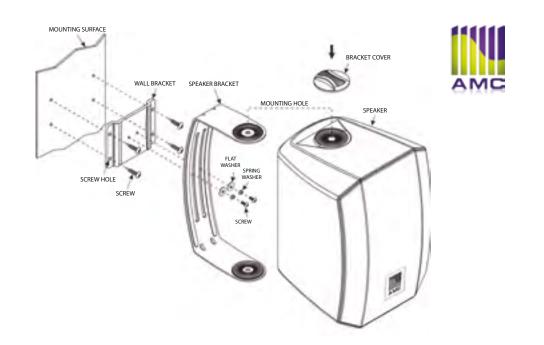
A rief insight into how Monitor 8 is used for warm and clear sound in the Russia's 'Little Buddha, Kaliningrad' ....... 120

#### **Manufacturing, Testing & Distribution**

AMC products are recognizable in many prestigious building

## OUR PRODUCTS

We design and produce products dedicated to the public address and voice evacuation markets. Millions of loudspeakers and thousands of electronic devices with the AMC logo are installed in locations all around the World. Their function enables voices and music to be heard clear and pure, without creating an unpleasant or invasive audio environment.





#### **Quality of Build**

We use only the highest quality components we have selected for inclusion in our build process, since we consider this to be of the greatest importance to the product, and the end user. We control and monitor assembly of the product at every stage and use high quality tools and hardware in the process.



#### **Quality Control**

From sourcing of the raw materials to manufacture of the final products, we take special care about the product control. The

materials we use in our electronic units are subject to the most stringent requirements in terms of both specification and quality. We ensure that components are ROHS compliant. Throughout the production process we examine and test the quality of our products. Then, the product is finally tested and examined through our high-spec laboratories.



#### **Stock Control**

It is most important for us that the product will be in stock, the last stage before reaching the buyer. We control incoming product quality and ensure the best storage conditions and quantity control. Our products are kept safely in a modern warehouse, where the process of paperwork and collecting the shipments is automated using a bar code control system.

#### Instillation

During the product development and production we always consider the installers, those who will affix and commission our products on site. We always ensure that our products are user-friendly and easy to install.





AMC Product Catalogue - INTRODUCTION

#### **Our Range**

We have a very wide range of the products across two main lines. Loudspeakers: ceiling, wall mount, horn speakers, sound projectors and spherical speakers. Electronics: preamplifiers, players, amplifiers, wireless and wired microphones.

MUSIC PLAYERS -INSTALLATION AMPLIFIERS -MIXING AMPLIFIERS -MIXING PREAMPLIFERS ← PROFESSIONAL POWER AMPLIFIERS ←

## **AMC Products**

MICROPHONES -WIRELESS MICROPHONES -**VOLUME CONTROLS** —

→ HORN LOUDSPEAKERS SPHERICAL LOUDSPEAKERS

**CABINET LOUDSPEAKERS CEILING LOUDSPEAKERS** 

**COLUMN LOUDSPEAKERS** · CEILING LOW IMPEDANCE LOUDSPEAKERS

PROFESSIONAL LOUDSPEAKERS

SOUND PROJECTORS

→ SUB WOOFERS

Since 2000, AMC had been known as a leading brand in the audio industry......4-5

#### **CASE STUDIES & ENVIRONMENTS**

AMC products are recognizable in many prestigious buildings around the globe .....6-7

Manufacturing, testing & distribution......8-9

#### **LITEXPO EXHIBITION CENTRE - CASE STUDY**

place where the pulse of public life is best felt and its changes are quickest to be noticed ..... 88

#### LITTLE BUDDHA - CASE STUDY

A rief insight into how Monitor 8 is used for warm and clear sound in the Russia's 'Little Buddha, Kaliningrad' ....... 120

PAGE





# LOUDSPEAKER

CABINET LOUDSPEAKERS
Play 4T, 5T & 6 Wall Mount Plastic Loudspeakers
Speak 5 Surface Mount Loudspeakers14
Speak 6 Surface Mount plastic loudspeakers
PS 6 Surface Mount Plastic Loudspeakers16
EWACW 5 Surface Mount Metal Voice Evacuation Loudspeakers
W3 & W10 Wall Mount Plastic Loudspeakers18
W 10RS Wall Mount Plastic Loudspeakers with Volume control19
VIVA3-302T/VIVA3-502T Wall moun Plastic Loudspeakers20-21
VIVA 4 Wall Mount Plastic Loudspeakers22
VIVA 4IP Wall Mount Plastic Loudspeakers23
VIVA 5 Wall Mount Plastic Loudspeakers24-25
VIVA 8 Wall Mount Plastic Loudspeakers26
CEILING LOUDSPEAKERS
MC 4EN Voice Evacuation Metal Ceiling Loudspeakers27
EVAC 5EN Voice Evacuation Metal Ceiling Loudspeakers28
EVAC 5 Voice Evacuation Metal Ceiling Loudspeakers29
EVAC 50X Voice Evacuation Metal Ceiling Loudspeakers30
EVAC 6 Voice Evacuation Metal Ceiling Loudspeakers31
MC 4TA & MC 5T Metal Ceiling Loudspeakers
MC 6T Metal Ceiling Loudspeakers34
PC 3 Plastic Ceiling Loudspeakers35
PC 4HP High Performance Plastic Ceiling Loudspeakers
PCR 5T & PCR 8T Rimless Plastic Ceiling Loudspeakers
PC 5T & PC 8T Plastic Ceiling Loudspeakers
PC 5TX & PC 8TX Plastic Ceiling Loudspeakers40-41
PC 6T Plastic Ceiling Loudspeakers43
LOW IMPEDANCE LOUDSPEAKERS
PC 5X & PC 8X Low Impedance Ceiling Speakers44-45
PC 6 Low Impedance Ceiling Loudspeakers
PC 6HP Low Impedance Ceiling Speakers47
WP5 & WP6 Low Impedance Ceiling Loudspeakers
COLUMN LOUDSPEAKERS
COM 20HP & COM 30HP High Performance Column Loudspeakers50-51
COM 20 & COM 40 Column Loudspeakers
COM 320 & COM 340 Column Loudsneakers 54-55

HORN LOUDSPEAKERS
H 15 Metal Horn Loudspeakers
HQ 10EN Voice Evacuation Plastic Horn Loudspeakers
HQ10, HQ15 & HQ30 Plastic Horn Loudspeakers62-
MH 50 Two-Way Plastic Horn Loudspeakers
MHQ 60X Two-Way Plastic Horn Loudspeaker
POWER CABINET LOUDSPEAKERS
POWER BOX 5 Powered Systems
POWER BOX 5HP Powered Systems
PROFESIONAL MUSIC LOUDSPEAKERS
MUSIC BOX D12 Powered Speakers
POWER BOX D12 Powered Speakers
SPEAKER BOX D12 Powered Speakers
SOUND PROJECTORS
SP 10 EN Voice Evacuation Plastic Sound Projectors
SP 10 Plastic Sound Projectors
SPM 20 HP High Performance Aluminum Sound Projectors
SPMB 10 Bi-directional Aluminum Sound Projectors
SPM 20 Aluminum Sound Projectors
SPHERICAL LOUDSPEAKERS
SL 20M Spherical Loudspeakers
SL 30 Spherical Loudspeakers
SUBWOOFERS
SUB 100V Passive Subwoofers
SUB 2 Active Subwoofers
VOLUME CONTROLS
VC 5R, VC 30R & VC 60R Flush Mount Volume Controls
SPEAKER CABLES AND CONNECTORS
OFCFR 2x0.82 & OFCFR 2x1.5
TCB 2 Table Connection Box
AUDIO CABLES & CONNECTORS
LOUDSPEAKERS ACCESSORIES
MOUNTING HARDWARE86-

Simple. Reliable. Profitable.

INTRODUCTION	CABIN iPlay 4 iSpeak iSpeak PS 6 EWACY W3 & V W 10R VIVA 3 VIVA 4 VIVA 5 VIVA 8
EAKERS	EVAC 5 EVAC 5 EVAC 6 EVAC 6 MC 4T MC 6T PC 3 PC 4HI PCR 5T PC 5T PC 6T
TONDSP	PC 5X 6 PC 6 46 PC 6HI WP5 &
ELECTRONICS	COLUM COM 2 COM 3 COM 4 COM 5 HORN H 15 HQ 10 HQ10, MH 50 MHQ 6 POWE POWE POWE SPEAK
	SOUN SP 10 I SP 10 . SPM 2 I SPMB SPM 2 I SPHEF SL 20 N SL 30
VES	SUBW SUB 10 SUB 2.

CABINET LOUDSPEAKERS iPlay 4T, 5T & 6	
iPlay 41, 51 & 6	
	12-1
iSpeak 5	1
iSpeak 6	
PS 6	10
EWACW 5	1
W3 & W10	18
W 10RS	19
VIVA3-302T/VIVA3-502T	20-2
VIVA 4	2
VIVA 4IP	2
VIVA 5	2/1-2
VIVA 8	20
CEILING LOUDSPEAKERS	
MC 4EN	2
EVAC 5EN	2
EVAC 5	<u>ک</u>
EVAC J	 2
EVAC 50X	اد
EVAC 6	5
MC 4TA & MC 5T	32-3.
MC 6T	34
PC 3	<b></b> 3:
PC 4HP	3
PCR 5T & PCR 8T	3
PC 5T & PC 8T	38-39
PC 5TX & PC 8TX	40-4
PC 6T	4
LOW IMPEDANCE LOUDSPEAKERS	
PC 5X & PC 8X	44-4
PC 6 46	4
PC 6HP	4
WP5 & WP6	48-49
COLUMN LOUDSPEAKERS	
COM 20HP & COM 30HP	. 50-5
COM 20 & COM 40	52-5
COM 320 & COM 340	54-5
COM 420 & COM 440	56-5
COM SLIM 30	5
HORN LOUDSPEAKERS	
H15	6
HQ 10EN	6
HQ10, HQ15 & HQ30	
MH 50	6
MHQ 60X	6
POWER CABINET LOUDSPEAKERS	
POWER BOX 5POWER BOX 5HP	6
POWER BOX 5HP	6
PROFESIONAL MUSIC LOUDSPEAKER	
	3
PROFESIONAL MUSIC LOUDSPEAKER	- 6
MUSIC BOX D12	
MUSIC BOX D12POWER BOX D12	6
MUSIC BOX D12POWER BOX D12SPEAKER BOX D12	6 7
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12	6 7
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SOUND PROJECTORS	7
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SOUND PROJECTORS SP 10 EN	70
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SOUND PROJECTORS SP 10 EN SP 10	7 7:
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SOUND PROJECTORS SP 10 EN SP 10 SPM 20 HP	7: 7: 7:
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SOUND PROJECTORS SP 10 EN SP 10 SPM 20 HP SPMB 10	7: 7: 7: 7:
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SOUND PROJECTORS SP 10 EN SP 10 SPM 20 HP	7: 7: 7: 7:
MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SOUND PROJECTORS SP 10 EN SP 10 SPM 20 HP SPMB 10 SPM 20	7: 7: 7: 7:
MUSIC BOX D12	7 <sup>2</sup>
MUSIC BOX D12	7: 7: 7: 7: 7: 7:
MUSIC BOX D12	7: 7: 7: 7: 7: 7:
MUSIC BOX D12	7: 7: 7: 7: 7: 7:
MUSIC BOX D12	70 71 75 75 75
MUSIC BOX D12	7077777777
MUSIC BOX D12	7077777777
MUSIC BOX D12	7077777777
MUSIC BOX D12	7077777
MUSIC BOX D12	707177777
MUSIC BOX D12	7071727575757575
MUSIC BOX D12	707177777

Simple. Reliable. Profitable.

AMC® BALTIC Neries kr. 14A, LT-48397, Kaunas, Lithuania / (370 37) 308585/www.amcpro.eu

Rooms
with a Vic

11-11

PAGE

#### iPlay Wall Mount Loudspeakers

Plastic enclosure wall mount aluminium grill cabinet loudspeakers.

# iPLAY 4T, 5T&6

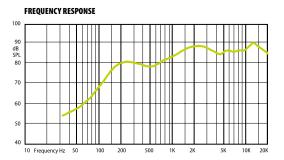
iPlay is one of our most popular lines, a good sound quality and a very keen price structure means they have many applications and are used in large quantities. The range includes 4", 5" and 6" loudspeakers with corresponding tweeters. iPlay 6 is designed only for low impedance speaker lines. Available in black and white.

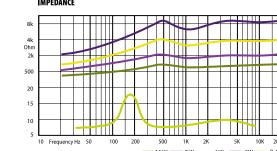


Technical Specifications	iPlay 4T	iPlay 5T	iPlay 6
Rated power	30 W (8 Ω)	35 W (8 Ω)	90 W (8 Ω)
Transformer power taps	16W-8W-4W-2W-8Ω	30 W - 16 W - 8 W - 4 W - 8 Ω	
Sensitivity	87 dB (1 W/1 m)	89 dB (1 W/1 m)	87 dB (1 W/1 m)
Maximum SPL	103 dB (Pmax/1 m) at 8137 Hz	109 dB (Pmax/1 m) at 5573 Hz	110 dB (Pmax/1 m) at 4711 Hz
Frequency response	110 Hz – 20 kHz	120 Hz – 20 kHz	70 Hz – 20 kHz
Dispersion at 1000 Hz	180° (H), 160° (V)	180° (H), 160° (V)	165° (H), 133° (V)
Driver dimensions	4" (101 mm) woofer, 1" (25 mm) tweeter	5" (127 mm) woofer, 1" (25 mm) tweeter	6" (152 mm) woofer, 1,5" (38 mm) tweeter
Dimensions	220 mm x 135 mm x 135 mm	240 mm x 165 mm x 160 mm	285 mm x 195 mm x 200 mm
Weight	1,6 kg	2,2 kg	3,2 kg
Material	Polypropylene housing with aluminum grill, U-bracket — steel	Polypropylene housing with aluminum grill, U-bracket — steel	Polypropylene housing with aluminum grill, U-bracket — steel
Colour	Papyrus white (RAL 9018) or Black (RAL 9017)	Papyrus white (RAL 9018) or Black (RAL 9017)	Papyrus white (RAL 9018) or Black (RAL 9017)



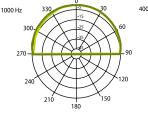
## iPlay 4T

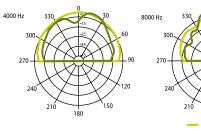


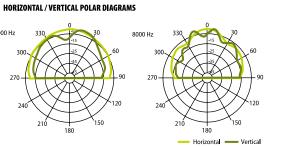




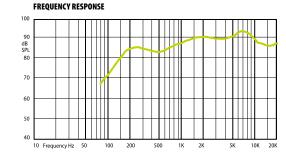


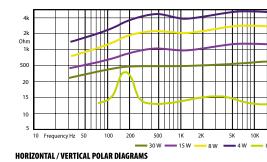






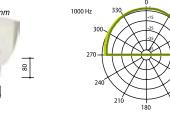
## iPlay 5T

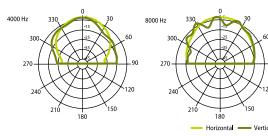




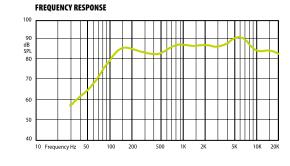


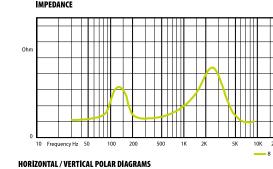






## iPlay 6



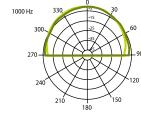


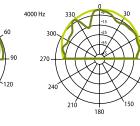


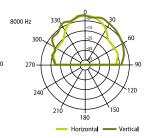


AMC Product Catalogue - LOUDSPEAKERS









CABINET LOUDSPEAKERS
iPlay 4T, 5T & 612
iSpeak 5iSpeak 6
PS 6
EWACW 5
W3 & W10
W 10RSVIVA3-302T/VIVA3-502T20
VIVA 4
VIVA 4IP
VIVA 524
VIVA 8
CEILING LOUDSPEAKERS
MC 4EN
EVAC 5EN
EVAC 5
EVAC 50X
MC 4TA & MC 5T32
MC 6T
PC 3
PC 4HP
PCR 5T & PCR 8T
PC 5TX & PC 8TX40
PC 6T
LOW IMPEDANCE LOUDSPEAKERS
PC 5X & PC 8X44
PC 6 46
PC 6HP
WP5 & WP648
COLUMN LOUDSPEAKERS
COM 20HP & COM 30HP50
COM 20 & COM 4052 COM 320 & COM 34054
COM 420 & COM 44056
COM SLIM 30
HORN LOUDSPEAKERS
H 15
HQ 10EN
HQ10, HQ15 & HQ3062
MH 50MHQ 60X
POWER CABINET LOUDSPEAKERS
POWER BOX 5POWER BOX 5HP
PROFESIONAL MUSIC LOUDSPEAKERS
MUSIC BOX D12
SPEAKER BOX D12
SOUND PROJECTORS SP 10 EN

SPHERICAL LOUDSPEAKERS

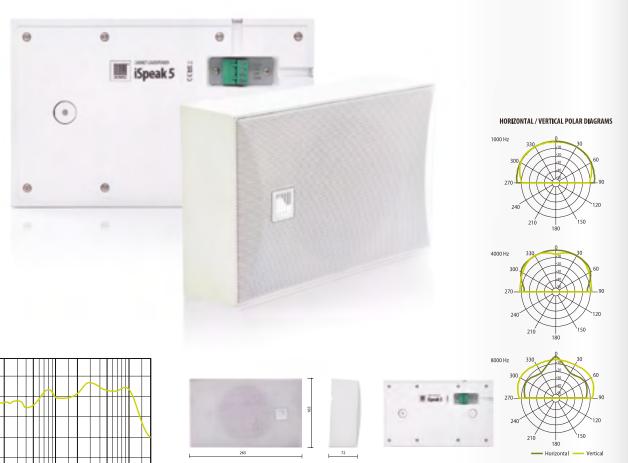
**AUDIO CABLES & CONNECTORS. MOUNTING HARDWARE...** 

## iSpeak Surface Mount Plastic Loudspeakers

Plastic enclosure surface mount loudspeaker with built-in 100V line transformer.

# iSpeak 5

iSpeak 5 ABS plastic cabinet loudspeakers for constant voltage speaker installation systems. Effortless mounting on any surface: walls or ceilings. Modern, simple and compact form design cabinet loudspeaker with integrated 5" full range driver. This loudspeaker produces clear intelligible sound and is good for speech and back ground music applications. Especially suitable for places where loudspeakers should not make any influence to interior.



50	uency Hz 50	100	200	500	1K	2K	5K	10K 20
		100	200	500	IK	ZK	31.	10K 20
IMPEDA	ANCE	11111					1111	Ш
000								
000								
			١H					,
000		11/	$\forall \top$			-	+++	
000		┵╢╟	$\rightarrow$		1		+H	
000		$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	Ш				Щ	
		741	4		+	+	+++	+
			$\perp$		$\bot$			

Technical Specifications	iSpeak 5	
Rated power	6 W	
Transformer power taps	6 W - 3 W - 1,5 W	
Sensitivity	90 dB (1W/1m)	
Maximum SPL	102 dB (Pmax/1m at 2834 kHz)	
Frequency response	70 Hz - 18 kHz	
Dispersion at 1000 Hz	180° (H), 140° (V)	
Driver dimensions	5" (127 mm)	
Dimensions	265 mm x 165 mm x 72 mm	
Weight	1,2 kg	
Material	High impact polystyrene plastic, steel grill	

White (RAL 9016)

#### **CABINET LOUDSPEAKERS**

#### **iSpeak Surface Mount Plastic Loudspeakers**

Plastic enclosure surface mount loudspeakers with built-in 100V line transformer.

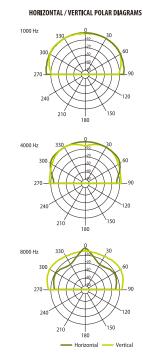




# iSpeak 6

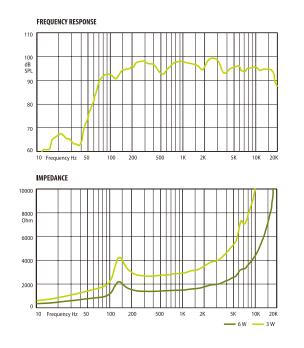
Designed to be easily and quickly mounted on any flat surface, horizontally or vertically. The enclosure features a full range speaker giving excellent speech intelligibility and is ideal for background music reproduction. It is also particularly good for applications with sensitive interiors. Available in two white shades, RAL9016 and RAL 9018.







Technical Specifications	iSpeak 6
Rated power	6 W
Transformer power taps	6 W - 3 W
Sensitivity	92 dB (1 W/1 m)
Maximum SPL	99 dB (Pmax/1 m) at 2491 Hz
Frequency response	130 Hz — 17 kHz
Dispersion at 1000 Hz	180° (H), 140° (V)
Driver size	5,5" (139 mm)
Dimensions	166 mm x 267 mm x 80 mm
Weight	1 kg
Material	High impact polystyrene plastic, steel grill
Colour	Papyrus white (RAL 9018), white (RAL 9016)



	CABINET LOUDSPEAKERS
	iPlay 4T, 5T & 612-1
_	iSpeak 5 1
INTRODUCTION	iSpeak 6 1
Ě	PS 6 1 EWACW 5 1
7	W3 & W10
٦	W 10RS
Ō	VIVA3-302T/VIVA3-502T20-2
T E	VIVA 42
Z	VIVA 4IP2
	VIVA 524-2
	VIVA 82
	CEILING LOUDSPEAKERS MC 4EN2
	EVAC 5EN
	EVAC 5
	EVAC 50X
	EVAC 63
	MC 4TA & MC 5T32-3
	MC 6T
	PC 33
	PC 4HP3
S	PCR 5T & PCR 8T
<b>~</b>	PC 5T & PC 8T38-3
Y	PC 5TX & PC 8TX40-4
LOUDSPEAKERS	PC 6T4
م	LOW IMPEDANCE LOUDSPEAKERS
اک	PC 5X & PC 8X44-4
፬	PC 6 464
9	PC 6HP4
	WP5 & WP648-4
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-5
	COM 20 & COM 4052-5
	COM 320 & COM 34054-5
	COM 420 & COM 44056-5
	COM SLIM 305
	HORN LOUDSPEAKERS
	H 156
	HQ 10EN6
	HQ10, HQ15 & HQ3062-6
	MH 506
S	MHQ 60X6
ELECTRONICS	POWER CABINET LOUDSPEAKERS
Z	POWER BOX 56
2	POWER BOX 5HP6
5	
Щ	PROFESIONAL MUSIC LOUDSPEAKERS
ᇳ	MUSIC BOX D126 POWER BOX D126
	SPEAKER BOX D127
	SOUND PROJECTORS
	SP 10 EN
	SP 10
	SPM 20 HP
	SPM 20
	SPHERICAL LOUDSPEAKERS
	SL 20M7
	SL 307
	SUBWOOFERS
S	SUB 100V8
Z	SUB 28
Ō	VOLUME CONTROLS
프	VC 5R, VC 30R & VC 60R8
OPHONES	OFCFR 2x0.82 & OFCFR 2x1.58

**AUDIO CABLES & CONNECTORS.** 

**MOUNTING HARDWARE....** 

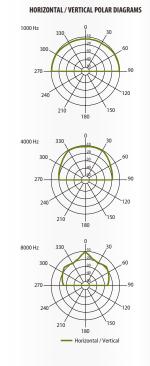
Colour

#### **PS Plastic cabinet Speakers**

Plastic enclosure loudspeakers with built-in 100V line transformer.

Neutral design round plastic enclosure cabinet loudspeaker with steel grill. Built-in 100V transformer. Designed for mounting on horizontal or vertical surface. Excellent speech intelligibility and background music reproduction.

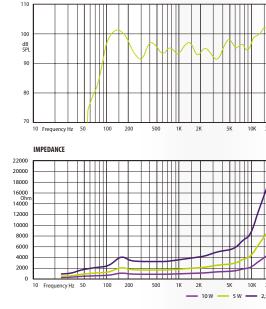








Technical Specifications	PS 6	
Rated power	10 W	
Transformer power taps	10 W - 5 W - 2,5 W	
Sensitivity	93 dB (1W / 1m)	
Maximum SPL	114 dB (Pmax / 1m) at 1425 kHz	
Frequency response	80 Hz - 18 kHz	
Dispersion at 1000 Hz	180° Conical	
Driver dimensions	6" (152 mm)	
Dimensions	ø 255 mm x 80 mm	
Weight	1,3 kg	
Material	ABS plastic	
Colour	White (RAL 9016)	



FREQUENCY RESPONSE

#### **CABINET LOUDSPEAKERS**

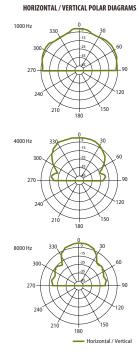
#### **EVACW Surface Mount Voice Evacuation Loudspeakers**

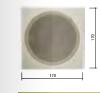
Metal wall mounted loudspeakers for voice evacuation systems.

# EWACW 5

EVACW 5 metal enclosure loudspeakers with built-in 100V transformer. EVACW speakers are mainly used in voice evacuation systems. Thermal fuse and ceramic wire terminal are integrated to be compliant with EN54-24 standard. Full range speaker has very good medium frequency response to produce clear and intelligible speech. Simple installation on any flat surface, horizontally or vertically.



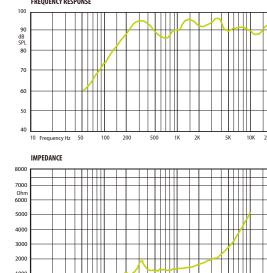




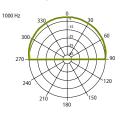


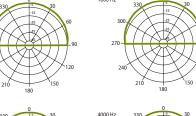


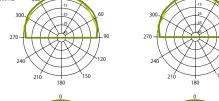
Technical Specifications	EVACW 5
Rated power	6 W (8 Ω)
Transformer power taps	6 W - 4 W - 2 W - 1 W - 0,5 W - 0,25 W
Sensitivity	92 dB (1 W/1 m)
Maximum SPL	100 dB (Pmax/1 m) at 3620 Hz
Frequency response	150 Hz – 20 kHz
Dispersion at 1000 Hz	120° (H), 120° (V)
Oriver dimensions	5" (127 mm)
Dimensions	170 mm x 170 mm x 63 mm
Weight	1,4 kg
Material	Steel
Colour	White (RAL 9016)

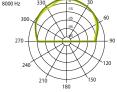


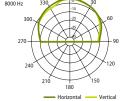
CABINET LOUDSPEAKERS	
iPlay 4T, 5T & 612	-1:
iSpeak 5iSpeak 6	14
iSpeak 6	1:
PS 6	1
EWACW 5	1
W3 & W10	1
W 10RS	1
VIVA3-302T/VIVA3-502T20	<b>-2</b> '
VIVA 4	2
VIVA 4IP	2
VIVA 524	-2
VIVA 8	2
CEILING LOUDSPEAKERS	
MC 4EN	2
EVAC 5EN	2
EVAC 5	
EVAC 50X	.3(
EVAC 6	3
MC 4TA & MC 5T32	-3:
MC 6T	.34
PC3	3.
PC 4HP	3
PCR 5T & PCR 8T	3
PC 5T & PC 8T38	-39
PC 5TX & PC 8TX40	4
PC 6T	4
LOW IMPEDANCE LOUDSPEAKERS	
PC 5X & PC 8X44	4:
PC 6 46	4
PC 6HP	4.
WP5 & WP648	-49
COLUMN LOUDSPEAKERS	
COM 20HP & COM 30HP50	5
COM 20 & COM 4052	5
COM 320 & COM 34054	5
COM 420 & COM 44056	-5
COM SLIM 30	5
COINT DELINI SO IIII	
HORN LOUDSPEAKERS	
H15	
H 15 HO 10EN	6
H 15 HQ 10EN HQ10, HQ15 & HQ3062	6
H 15 HQ 10EN HQ10, HQ15 & HQ30	6:
H 15 HQ 10EN HQ10, HQ15 & HQ3062	6:
H 15	6:
H 15	6:6:6:
H 15	6:6:6:
H 15	6:6:6:
H 15	6.6.6.6.
H 15	6.6.6.6.6.6
H 15	66.66.66.66.66.66.66.66.
H 15	66.66.66.66.66.66.66.66.
H 15	66.66.66.66.66.66.66.66.
H 15	66.65
H 15	66.65.70
H 15	6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15	6.6.6.6.6.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15	6:6:6:70
H 15	66.66.66.70.77.77.77.77.77.77.77.77.77.77.77.77.
H 15	66.66.66.70.77.77.77.77.77.77.77.77.77.77.77.77.
H 15 HQ 10EN HQ10, HQ15 & HQ30	6: 6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15 HQ 10EN HQ10, HQ15 & HQ30	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7: 7:
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8:
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8:
H 15	6: 6: 6: 6: 7: 7: 7: 7: 7: 7: 7: 7: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8: 8:
H 15	6:66:66:66:66:66:66:66:66:66:66:66:66:6
H 15	6:66:66:66:66:66:66:66:66:66:66:66:66:6
H 15	6665 6677 7777 7777 7888 8888





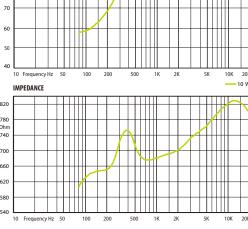






HORIZONTAL / VERTICAL POLAR DIAGRAMS







## **W Wall Mount Loudspeakers**

W series wall mount loudspeakers.

These loudspeakers are designed for use in public address and background music situations, where cost is a consideration. Small size high quality plastic cabinets with a 4" speaker and transformer inside. Good for use in hotel bathrooms, service rooms, parking areas and corridors.

Technical Specifications	W3	W10
Rated power	3 W	10 W
Transformer power taps	3 W - 1,5 W - 0,75 W	10 W - 5 W - 2,5 W
Sensitivity	84 dB (1 W/1 m)	87 dB (1 W/1 m)
Maximum SPL	93 dB (Pmax/1 m) at 1860 Hz	101 dB (Pmax/1 m) at 1815 Hz
Frequency response	200 Hz – 15 kHz	200 Hz – 15 kHz
Dispersion at 1000 Hz	180° (H), 180° (V)	180° (H), 180° (V)
Driver dimensions	4" (101 mm)	4" (101 mm)
Dimensions	185 mm x 190 mm x 90 mm	185 mm x 190 mm x 90 mm
Weight	0,6 kg	0,7 kg
Material	ABS plastic	ABS plastic
Colour	White (RAL 9016)	White (RAL 9016)









#### **CABINET LOUDSPEAKERS**

#### W Wall Mount Loudspeakers

W series wall mount loudspeakers.

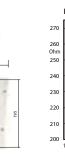
W10RS loudspeakers are designed for three-wire public address installation. When a priority message is transmitted, attenuator resistance will be eliminated and the speaker will be used in full power mode. W10RS has 4" full range speaker inside with powerful middle range response. Simple installation on any flat surface, clear speech and music reproduction allows usage of these loudspeakers in places such as school classrooms, hospitals or even government institution buildings.

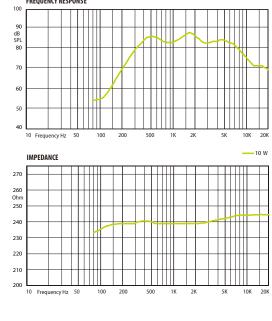


Technical Specifications	W10 RS
Rated power	10 W
Transformer power taps	10 W - 5 W - 2,5 W
Sensitivity	83 dB (1 W/1 m)
Maximum SPL	98 dB (Pmax/1 m) at 1442 Hz
Frequency response	180 Hz — 15 kHz
Dispersion at 1000 Hz	170° (H), 170° (V)
Driver dimensions	4" (101 mm)
Dimensions	205 mm x 180 mm x 105 mm
Weight	0,9 kg
Material	Housing — ABS plastic, Grill — Steel
Colour	Panyrus white (RAI 9018)

AMC Product Catalogue – LOUDSPEAKERS







Simple. Reliable. Profitable.

	iPlay 4T, 5T & 612	1
	iSpeak 5	H
Z	iSpeak 6	1
NTRODUCTION	PŚ 6	1
J	EWACW 5	
$\supset$	W3 & W10	
	W 10RS	1
2	VIVA3-302T/VIVA3-502T20-	
	VIVA 4 VIVA 4IP	2
=	VIVA 524	2
	VIVA 8	
	CEILING LOUDSPEAKERS	3
	MC 4ENEVAC 5EN	2
	EVAC 5	20
	EVAC 50X	3
	EVAC 6	3
	MC 4TA & MC 5T32-	3.
	MC 6T	3
	PC 3	3.
	PC 4HP PCR 5T & PCR 8T	3
33	PCR 5T & PCR 8T	3
<u>u</u>	PC 5T & PC 8T38- PC 5TX & PC 8TX40-	3
¥	PC51X&PC81X40	4
LOUDSPEAKERS		٦.
S	LOW IMPEDANCE LOUDSPEAKERS	
9	PC 5X & PC 8X44	4.
o l	PC 6 46	4
-	PC 6HP48·	4.
	COLUMN LOUDSPEAKERS	
	COM 20HP & COM 30HP50	5
	COM 20 & COM 4052- COM 320 & COM 34054-	D. E
	COM 420 & COM 34056	2
	COM SLIM 30	5
	HORN LOUDSPEAKERS H 15	6
	HQ 10EN	6
	HQ10, HQ15 & HQ3062-	6
	MH 50	6
S	MH 50MHQ 60X	6.
<u>U</u>	DOWED CARINET LOUIDSDEAVEDS	
Z	POWER BOX 5POWER BOX 5HP	6
2	POWER BOX 5HP	6
ELECTRONICS	PROFESIONAL MUSIC LOUDSPEAKERS	
Щ	MUSIC BOX D12	6
ш	POWER BOX D12	6
	SPEAKER BOX D12	
	SOUND PROJECTORS SP 10 EN	7
	SP 10 EN	7
	SPM 20 HP	7
	SPMB 10	7
	SPM 20	
	SPHERICAL LOUDSPEAKERS	
	SL 20M	7
	SL 30	7
	SUBWOOFERS SUB 100V	0
ES	SUB 100V	გ ი
Z		O
7	VOLUME CONTROLS	
<u>_</u>	VC 5R, VC 30R & VC 60R	8
MICROPHONES	OFCFR 2x0.82 & OFCFR 2x1.5TCB 2 Table Connection Box	8. o
ַ	AUDIO CABLES & CONNECTORS	Q Q
Σ	LOUDCO LANGUE CONNECTORS	9

PAGE

MOUNTING HARDWARE.....86-87

#### **VIVA 3 Wall Mount Plastic Loudspeakers**

Plastic enclosure loudspeakers with built-in 100 V transformers.

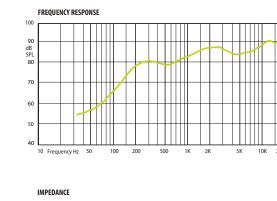
The legendary Viva range of AMC cabinet loudspeakers has been in production for many years, yet is still in high demand all over the Globe. An ageless cabinet design, combined with a high quality sound output makes these speakers very popular. The loudspeakers are assembled using premium components: top grade plastic parts and high quality speaker components. The range consists of 3" or 5" speakers with corresponding tweeters. Available in black and white.

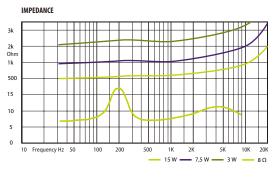


Technical Specifications	VIVA 3 – 302T	VIVA 3 – 502T
Rated power	25 W (8 Ω)	50 W (8 Ω)
Transformer power taps	15 W - 7,5 W - 3 W - (8 Ω)	25 W - 15 W - 5 W - (8 Ω)
Sensitivity	87 dB (1 W/1 m)	91 dB (1 W/1 m)
Maximum SPL	102 dB (Pmax/1 m) at 8137 Hz	108,7 dB (Pmax/1 m) at 4448 Hz
Frequency response	150 Hz — 20 kHz	110 Hz – 20 kHz
Dispersion at 1000 Hz	170° (H), 180° (V)	180° (H), 155° (V)
Driver dimensions	3" (76 mm) woofer, 1" (25 mm) tweeter	5" (127 mm) woofer, 1" (25 mm) tweeter
Dimensions	200 mm x 113 mm x 133 mm	245 mm x 180 mm x 185 mm
Weight	1,5 kg	2,8 kg
Material	Housing - ABS plastic, U- bracket and grill - steel	Housing - ABS plastic, U- bracket and grill - steel
Colour	White (RAL 9016), Black (RAL 9017)	White (RAL 9016), Black (RAL 9017)



## **VIVA3 302T** HORIZONTAL / VERTICAL POLAR DIAGRAMS 133 113 158







																L	Ц	Н	Ų
B PL				Ī				Ļ				7					П	Ī	
30		П	1	T							T	Ī					П	T	ı
70			1		1		t			П	T	t					H	Ť	1
i0 -			1	1			$^{+}$				+	+					H	H	1
50		H	+	+			+			Н	+						H	+	П
10	equency		50			100		200	50				K	21		5	Ц		

3k -	-		+	+	$^{+}$		Н			+	Н	₩	+		Н	+	╢	1
2k –			Ш		Ш						Ш					$\Box$	1	
Ohm										4	Щ	₩	+		۲	$\mathcal{H}$	+†	1
1k -	_	$\rightarrow$	₩	H	Ħ					+	Н	╫			H	+	+	₩
500				Ш	Щ	_	$\vdash$			$\pm$			1				Ш	
500	+		$\top$		П					Т	П				Ц	+	11	П
250 —	_	_	H	Ħ	Ħ	F			П	÷		Ħ	$\mp$	F	Н	+	++	₩
					Ш	۱,								L	Ц	Ц	Ш	Ш
10			$\forall$	₩	#		П	$\mathbf{t}$	П	$^{+}$	Ш	L	+		Н	$\dagger$	*	t
5	_	1	Ш	Ш	Ш					Ť	Ш	1	$\perp$		Ш	Щ	Ш	
					Ш											Ш	Ш	Ш
0	Freque		ш	ш	ш	00	ш	00	Ш	500	ш	1K	2	_	$\perp$	5K	ш	10K

INTRODUCTION	CABINE iPlay 4T, iSpeak 9 iSpeak 6 PS 6 EWACW W3 & W U10RS VIVA3-3 VIVA 4 II VIVA 5 . VIVA 8 .
LOUDSPEAKERS	MC 4EN EVAC 5E EVAC 5. EVAC 6. MC 4TA MC 6T PC 4HP PCR 5T & PC 5T & PC 6T LOW IM PC 5X & PC 646 PC 6HP WP5 & V
	COLUM COM 20 COM 20 COM 32 COM 42 COM SL
ECTRONICS	HORN L H 15 HQ 10EI HQ10, F MH 50 MHQ 60 POWER POWER
ELE	PROFES MUSIC E POWER SPEAKE SOUND SP 10 E SP 10 SPM 20 SPMB 10 SPM 20
	SPM 20 SPHERI SL 20M SL 30
S	SUBWO SUB 100

TLOUDSPEAKERS

5T & 6 .....

D2T/VIVA3-502T ...

PCR8T.

#### **VIVA Wall Mount Plastic Loudspeakers**

Latest design powerful speakers for background music.

## **VIVA 4**

VIVA 4 elegant contemporary design, smooth cabinet surface and mild grill. Classic shape with its advanced twist that lets the loudspeaker to adapt easily in a wide variety of contemporary interiors and become an integral part of the architecture. Rotating AMC logo, semi-circle U-bracket enables a wide array of mounting possibilities. Power adjustment of the speaker is very simple. The ultra thin and flat power selector looks very elegant. Integrated Phoenix connectors show advanced design of the loudspeaker. Two colour choice. Two-way loudspeaker with 4 inch low frequency and 1 inch silk tweeter inside.



#### **CABINET LOUDSPEAKERS**

## **VIVA IP Wall Mount Plastic Loudspeakers**

Elegant design background music loudspeaker for indoor and outdoor use.

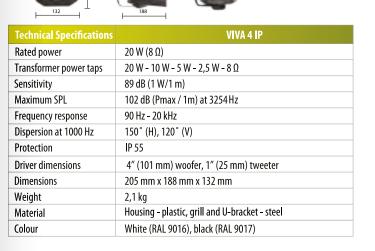


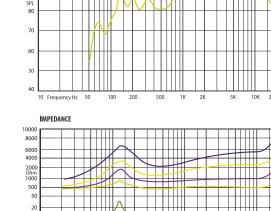


## VIVA 4IP

VIVA 4 IP contemporary design cabinet loudspeaker with smooth surface. The speaker is compliant with IP 55 ingress protection and can be used outdoor. Semi-circle U- mounting bracket and rotating logo enables mounting under different angles horizontally and vertically. Input power can be adjusted with selector on loudspeakers back side. In order to reach IP 55 ingress protection, wire connectors are isolated from moisture by using plastic protection cover with cable gland. The speakers are produced in two colors: black and white. VIVA 4 IP two-way loudspeakers are equipped with 4 inch driver and 1 inch silk tweeter.







CABINET LOUDSPEAKERS iPlay 4T, 5T & 6
iSpeak 5
iSpeak 6
PŠ 6 EWACW 5
W3 & W10
W 10RSVIVA3-302T/VIVA3-502T
VIVA 4VIVA 4IP
VIVA 4IP VIVA 5
VIVA 8
CEILING LOUDSPEAKERS
MC 4EN
EVAC 5EN
EVAC 50X
EVAC 6 MC 4TA & MC 5T
MC 6T
PC 3
PC 4HP PCR 5T & PCR 8T
PC 5T & PC 8T
PC 5TX & PC 8TX PC 6T
LOW IMPEDANCE LOUDSPEAKER
PC 5X & PC 8X
PC 6 46 PC 6HP
WP5 & WP6
COLUMN LOUDSPEAKERS
COM 20HP & COM 30HP
COM 20 & COM 40COM 320 & COM 340
COM 420 & COM 440
COM SLIM 30
HORN LOUDSPEAKERS H 15
HQ 10EN
HQ10, HQ15 & HQ30
MH 50 MHQ 60X
POWER CABINET LOUDSPEAKERS
POWER BOX 5POWER BOX 5HP
PROFESIONAL MUSIC LOUDSPEA MUSIC BOX D12
POWER BOX D12
SPEAKER BOX D12
SOUND PROJECTORS
SP 10 EN
SP 10 SPM 20 HP
SPMB 10SPM 20
SPHERICAL LOUDSPEAKERS
SL 20M
SL 30
SUBWOOFERS
SUB 100V
VOLUME CONTROLS
VC 5R, VC 30R & VC 60R OFCFR 2x0.82 & OFCFR 2x1.5
OFCFR 2x0.82 & OFCFR 2x1.5 TCB 2 Table Connection Box
AUDIO CABLES & CONNECTORS

PAGE

**MOUNTING HARDWARE...** 

#### **VIVA Wall Mount Plastic Loudspeakers**

Latest design powerful speakers for background music.

# VIVA 5

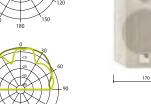
Elegant contemporary design, smooth cabinet surface with body coloured steel grill. Classic shape with an advanced twist that lends this loudspeaker to adapt easily in a wide variety of contemporary interiors and become an integral part of the architecture. The newly designed semi-circular mounting bracket enables a wide array of mounting possibilities. It not only looks good, but also makes it easy to adjust the mounting angle within a 15 degree radius. The ultra thin and flat power selector looks very elegant, and the use of the integrated Phoenix connectors highlights the advanced design of the loudspeaker. The AMC logo rotates, available in white and black.



Technical Specifications	VIVA 5	
Rated power	30 W (8Ω)	
Transformer power taps	25 W - 15 W - 10 W - 5 W - 8 Ω	
Sensitivity	87 dB (1 W/1 m)	
Maximum SPL	101 dB (Pmax/1 m) at 1000 Hz	
Frequency response	80 Hz — 20 kHz	
Dispersion at 1000 Hz	150° (H), 120° (V)	
Driver dimensions	5" (127 mm) woofer, 1" (25,4 mm) tweeter	
Dimensions	245 mm x 175 mm x 170 mm	
Weight	2,4 kg	
Material	Housing — plastic, grill and U-bracket steel	
Colour	White (RAL9016), black (RAL 9017)	







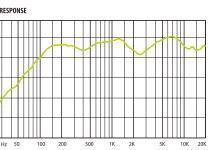
Chambers of Knowledge

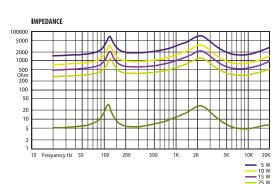






Simple. Reliable. Profitable.







POWER BOX 5
POWER BOX 5HP
PROFESIONAL MUSIC LOUDSPEAKERS
MUSIC BOX D12
POWER BOX D12
SPEAKER BOX D12
JELANLIN DOX D12
SOUND PROJECTORS
SP 10 EN
SP 10
SP 10
SPM 20 HP
SPMB 10

**POWER CABINET LOUDSPEAKERS** 

SPHERICAL LOUDSPEAKERS SL 30...

MC 4EN ... EVAC 5EN EVAC 5..... EVAC 50X MC 4TA & MC 5T PCR 5T & PCR 8T. **LOW IMPEDANCE LOUDSPEAKERS** PC 5X & PC 8X .. PC 6 46 ..... PC 6HP ..... WP5 & WP6 COLUMN LOUDSPEAKE COM 20HP & COM 30HP COM 20 & COM 40 ....... COM 320 & COM 340 ..... COM 420 & COM 440 COM SLIM 30 .. HQ10, HQ15 & HQ30. MH 50..... MHQ 60X .....

VIVA3-302T/VIVA3-502T .. VIVA 4 .....

**AUDIO CABLES & CONNECTORS** 

SPM 20...

**MOUNTING HARDWARE..** 

PAGE

#### **VIVA Wall Mount Plastic Loudspeakers**

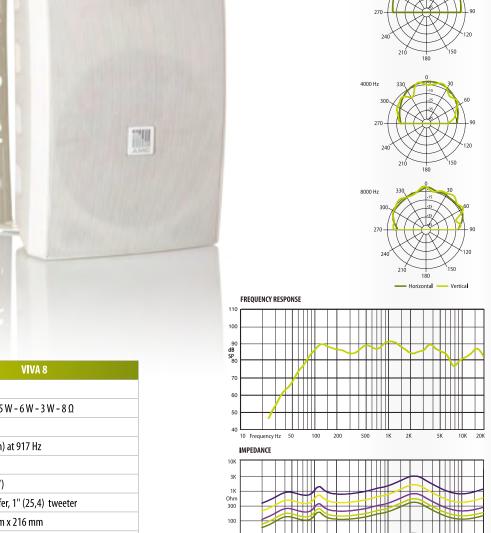
Latest design powerful speakers for background music.

# **WIWA 8**

Designed for background music and paging, having a very strong, clear and powerful sound. Special mounting bracket and rotating logo allows this speaker to be mounted vertically or horizontally. 8" woofer and 1" tweeter mounted in a robust ABS plastic enclosure with aluminium grill. Suitable for outdoor use.







#### **CEILING LOUDSPEAKERS**

## MC Voice Evacuation Speaker According EN54-24 Standard

Metal ceiling loudspeakers with ABS plastic dome equipped with 100V transformer, ceramic terminal and thermal fuse.

# MC 4EN

MC 4EN is designed for use in voice evacuation and voice alarm applications for clear and intelligible speech announcements. Quick fit clamps allow easy and fast installation into false ceilings. High sound pressure level SPL and optimized middle frequency sound reproduction ensures reliable operation in case of an emergency situation. Conforms EN54-24 standard.







Sensitivity

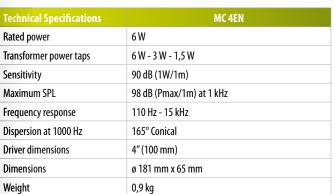
**Dimensions** 

Weight

Material

Colour

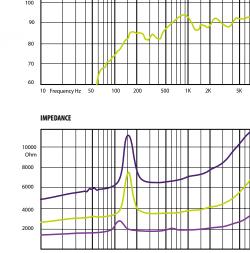




Steel

AMC Product Catalogue - LOUDSPEAKERS

White (RAL 9016)





HORIZONTAL / VERTICAL POLAR DIAGRAMS

	CABINET LOUDSPEAKERS
NTRODUCTION	iPlay 4T, 5T & 612-1
	iSpeak 5 1
	iSpeak 61
	PS 6 1
	EWACW 5 1
	W3 & W10
	W 10RS
	VIVA3-302T/VIVA3-502T20-2
Ę	VIVA 42
	VIVA 4IP2
	VIVA 524-2
	VIVA 82
	CEILING LOUDSPEAKERS
	MC 4EN2
	FVAC FEN
	EVAC 5EN2
	EVAC 52
	EVAC 50X3
	EVAC 63
	MC 4TA & MC 5T32-3
	MC 6T3
	PC33
	PC 4HP3
S	PCR 5T & PCR 8T3
<b>~</b>	PC 5T & PC 8T38-3
OUDSPEAKERS	PC 5TX & PC 8TX40-4
◂	PC6T4
Щ	
S.	LOW IMPEDANCE LOUDSPEAKERS
۵	PC 5X & PC 8X44-4
⊋	PC 6 464
o <sub>i</sub>	PC 6HP4
_	WP5 & WP648-4
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-5
	COM 20 & COM 4052-5
	COM 320 & COM 34054-5
	COM 420 & COM 44056-5
	COM SLIM 305
	HORN LOUDSPEAKERS
	H 156
	HQ 10EN6
	HQ10, HQ15 & HQ3062-6
	MH 506
10	MHQ 60X6
ELECTRONICS	
<b>=</b>	POWER CABINET LOUDSPEAKERS
0	POWER BOX 56 POWER BOX 5HP6
2	POWER BOX 5HP6
J	PROFESIONAL MUSIC LOUDSPEAKERS
Щ	MUCIC DOVIDA
	MUSIC BOX D126
	POWER BOX D126
	SPEAKER BOX D127
	SOUND PROJECTORS
	SP 10 EN7
	SP 10 EN
	CDM 20 HD
	SPM 20 HP
	SPMB 107
	SPM 207
	SPHERICAL LOUDSPEAKERS
	SL 20M7
	SL 20W
	SUBWOOFERS
S	SUB 100V8
ш	SUB 28
Z	
2	VOLUME CONTROLS
MICROPHONES	VC 5R, VC 30R & VC 60R8
	OFCFR 2x0.82 & OFCFR 2x1.58
	TCB 2 Table Connection Box8
	AUDIO CABLES & CONNECTORS8
Ξ	
Ξ	LOUDSPEAKERS ACCESSORIES MOUNTING HARDWARE86-8

HORIZONTAL / VERTICAL POLAR DIAGRAMS

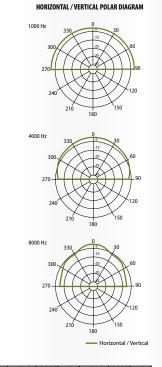
#### **EVAC Voice Evacuation Loudspeaker EN54-24 Certified**

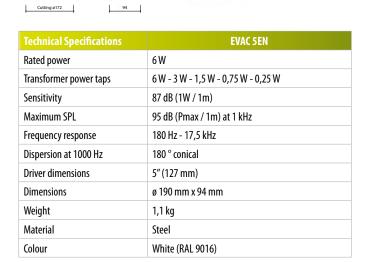
Metal ceiling loudspeakers with built-in 100V transformer, ceramic terminal, thermal fuse, steel grill and steel fire dome certified according to EN54-24 standard.

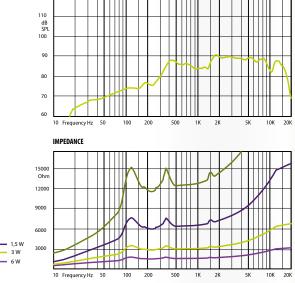
# EVAC 5EN

EVAC 5EN voice evacuation loudspeakers designed for use in a voice alarm applications for clear and intelligible voice announcements and background music. The loudspeakers are equipped with ceramic terminal and thermal fuse and conforms to high quality requirements of EN54-24 standard. Steel housing and metal grill prevents the fire spreading in to the ceiling. Ceramic terminal and thermal fuse ensures faultless operation in the case of emergency situation. Speakers are certified by Intertek.









#### **CEILING LOUDSPEAKERS**

#### **EVAC Voice Evacuation Ceiling Loudspeaker**

Metal ceiling loudspeakers with built-in 100V transformer, steel grill and steel fire dome.



# EVAC 5

Voice evacuation speaker EVAC5 is designed for mounting in false ceilings or panels. Loudspeaker complies with EN54-24 standard and is equipped with ceramic terminal and thermal fuse. These speakers are used wherever intelligible speech announcements are the main requirement. However, this versatile unit works just as well in background music applications.



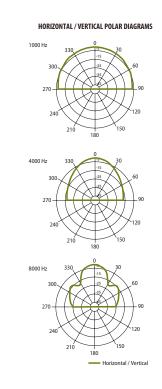
EVAC 5

Speaker - white (RAL 9016), fire dome - black (RAL 9005)

6 W - 3 W - 1,5 W - 0,75 W - 0,25 W

106 dB (Pmax/1 m) at 1584 Hz

100 90 88 91 80 70 60 10 Frequency Hz 50 100 200 500 1K 2K IMPEDANCE 256000 128000 16000 8000 4000 4000 4000 4000 160000 160000 160000 160000 160000 160000 160000 160000 160		FREQUENCY RESPONSE
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  18000 128000 128000 128000 138000 16000 18000 19000 1	100	
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  18000 128000 128000 128000 138000 16000 18000 19000 1	00	
80 70 60 50 40 10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  256000 128000 0hm 64000 32000 16000 8000 4000	dB	
70 60 50 40 10 Frequency Hz 50 100 200 500 1K 2K IMPEDANCE 256000 0hm 64000 32000 16000 8000 4000		I
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  256000 128000 0hm 64000 32000 16000 8000 4000	80	
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  256000 128000 0hm 64000 32000 16000 8000 4000	70	
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  18000 0hm 64000 32000 16000 8000 4000	70	I
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  18000 0hm 64000 32000 16000 8000 4000	60	
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  256000 128000 0hm 64000 32000 16000 8000 4000	00	
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  256000 128000 0hm 64000 32000 16000 8000 4000	50	
10 Frequency Hz 50 100 200 500 1K 2K  IMPEDANCE  256000 128000 0hm 64000 32000 16000 8000 4000	50	I 1 7 1/1111   1   1   1   1   1   1   1   1
128000 128000 0hm 64000 32000 16000 8000 4000	40	<u> </u>
256000 128000 0hm 64000 32000 16000 8000 4000		10 Frequency Hz 50 100 200 500 1K 2K
256000 128000 0hm 64000 32000 16000 8000 4000		
128000 Ohm 64000 32000 16000 8000 4000		IMPEDANCE
Ohm 64000 32000 16000 8000 4000	256000	
Ohm 64000 32000 16000 8000 4000	120000	
64000 32000 16000 8000 4000		
16000 8000 4000 -0.25W 2000		
16000 8000 4000 -0.25W 2000	32000	
8000 4000 -0.25W 2000	32000	
4000 -0,25W 2000	16000	
4000 -0,25W 2000	8000	
0,25W 2000		
0,25W 2000	4000	
-0.75W	-0,25W 2000	
- 1,5 W 1000		



CABINET LOUDSPEAKERS

_	iPlay 4T, 5T & 612-
	iSpeak 5
IN I KODUCIION	iSpeak 6 PS 6
Ę	EWACW 5
5	W3 & W10
ט	W 10RSVIVA3-302T/VIVA3-502T20-2
X	VIVA3-302T/VIVA3-502T20-2
Z	VIVA 4 VIVA 4IP
	VIVA 524-
	VIVA 8
	CEILING LOUDSPEAKERS
	MC 4EN
	EVAC 5EN
	EVAC 5
	EVAC 50X
	EVAC 6
	MC 4TA & MC 5T32-
	MC 6T PC 3
	PC 4HP
n	PCR 5T & PCR 8T
T T	PC 5T & PC 8T38-
Y	PC 5TX & PC 8TX40-4
Ţ	PC 6T
OUDSPEAKERS	LOW IMPEDANCE LOUDSPEAKERS
=	PC 5X & PC 8X44-4
5	PC 6 46
-	PC 6HP
	COLUMN LOUDSPEAKERS COM 20HP & COM 30HP50-:
	COM 20 & COM 4052-
	COM 320 & COM 34054-
	COM 420 & COM 44056-
	COM SLIM 30
	HORN LOUDSPEAKERS
	H 15
	HQ 10EN
	HQ10, HQ15 & HQ3062-
	MH 50 MHQ 60X
S	
ELEC I RONIC	POWER CABINET LOUDSPEAKERS
Ş	POWER BOX 5
3	
ĭ	PROFESIONAL MUSIC LOUDSPEAKERS
	MUSIC BOX D12
	SPEAKER BOX D12
	SOUND PROJECTORS SP 10 EN
	SP 10
	SPM 20 HP
	SPMB 10
	SPM 20
	SPHERICAL LOUDSPEAKERS
	SL 20M
	SL 30
	SUBWOOFERS
S	SUB 100V
Z	SUB 2
2	VOLUME CONTROLS
ᆍᅵ	VC 5R, VC 30R & VC 60R
Ş	OFCFR 2x0.82 & OFCFR 2x1.5 TCB 2 Table Connection Box
ر	AUDIO CABLES & CONNECTORS
MICKOPHONES	AUDIO CABLES & CONNECTORS LOUDSPEAKERS ACCESSORIES

Technical Specifications

Transformer power taps

6 W

93 dB (1 W/1 m)

240 Hz – 20 kHz

170° conical

5" (127 mm)

1,3 kg

ø 185 mm x 118 mm

Rated power

Sensitivity

Maximum SPL

Frequency response

**Driver dimensions** 

Dimensions

Material

Colour

Dispersion at 1000 Hz

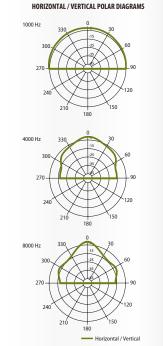
## **EVAC Voice Evacuation Ceiling Loudspeakers**

Metal ceiling loudspeakers with built-in 100V transformer. Steel grill and fire dome. Designed for easy mounting in to false ceilings

# EVAC 50X

Designed to be installed in false ceilings or panels. EVAC 50X is perfect for use in a voice alarm role, for clear and intelligible speech reproduction as well as background music. In compliance with EN 54-24 standard, EVAC 50X is equipped with ceramic terminal and thermal fuse.



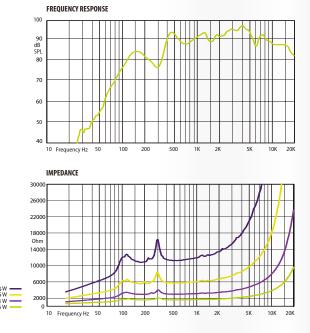








Technical Specifications	EVAC 50X
Rated power	6 W
Transformer power taps	6 W - 3 W - 1,5 W - 0,75 W - 0,25 W
Sensitivity	92 dB (1 W/1 m)
Maximum SPL	104 dB (Pmax/1 m) at 3651 Hz
Frequency response	150 Hz — 18 kHz
Dispersion at 1000 Hz	180° conical
Driver dimensions	5" (127 mm)
Dimensions	ø 180 mm x 130 mm
Weight	1,32 kg
Material	Steel
Colour	Speaker - white (RAL 9016), fire dome - orange (RAL 2008)



#### **CEILING LOUDSPEAKERS**

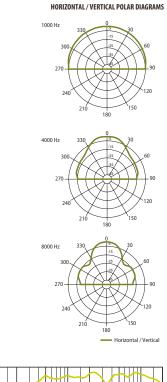
## **EVAC Voice Evacuation Ceiling Loudspeakers**

Metal ceiling loudspeakers with built-in 100V transformer. Steel grill and fire dome. Designed for easy mounting in to false ceilings

# EVAC 6

EVAC6 is equipped with ceramic wire terminals mounted outside loudspeaker body. Transformer tap switch is also outside the speaker body and so is easily accessible for the installer. The EVAC 6 has an integrated 6 " 10W coaxial speaker, giving superb reproduction of voice and background music in voice evacuation situations.



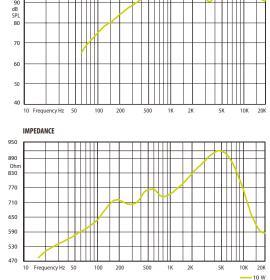








Technical Specifications	EVAC 6
Rated power	10 W
Transformer power taps	10 W – 5 W – 2,5 W
Sensitivity	93 dB (1 W/1 m)
Maximum SPL	102 dB (Pmax/1 m) at 2420 Hz
Frequency response	150 Hz — 20 kHz
Dispersion at 1000 Hz	180° conical
Driver dimensions	6" (152 mm)
Dimensions	ø 200 mm x 101 mm
Weight	1,43 kg
Material	Steel
Colour	Speaker - white (RAL 9016), fire dome - orange (RAL 2008





INTRODUCTION	CABINET LOUDSPEAKERS         iPlay 4T, 5T & 6       12-1         iSpeak 5       1         iSpeak 6       1         PS 6       1         EWACW 5       1         W3 & W10       1         W 10RS       1         VIVA3-302T/VIVA3-502T       20-2         VIVA 4       2         VIVA 4IP       2         VIVA 8       2         CEILING LOUDSPEAKERS         MC 4EN       2
LOUDSPEAKERS	EVAC 5EN
ELECTRONICS	COM 20 & COM 40
MICROPHONES	SPM 20 HP       7         SPMB 10       7         SPM 20       7         SPHERICAL LOUDSPEAKERS       5         SL 20M       7         SL 30       7         SUBWOOFERS       5         SUB 2       8         VOLUME CONTROLS       8         VC 5R, VC 30R & VC 60R       8         OFCFR 2x0.82 & OFCFR 2x1.5       8         TCB 2 Table Connection Box       8         AUDIO CABLES & CONNECTORS       8         LOUDSPEAKERS ACCESSORIES         MOUNTING HARDWARF       86-8

#### MC Metal Ceiling Loudspeakers

MC - metal ceiling loudspeakers with built-in 100V transformer.

# MC4TA&MC5T

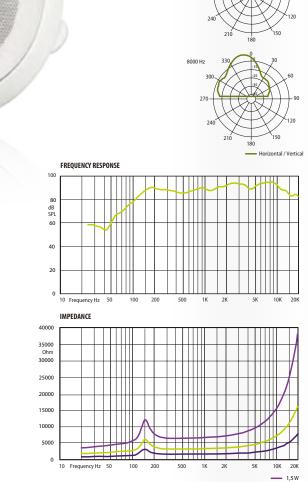
Quick fit clamps allow easy and quick mounting into false ceilings. MC loudspeakers have powerful middle fequency sound reproduction and high sound pressure level (SPL). Ultra slim design of the speakers makes them ideal for installation in low space or minimum clearance situations. The MC series is perfect for speech announcements in emergency systems where public address is the main requirement.

#### MC 4TA



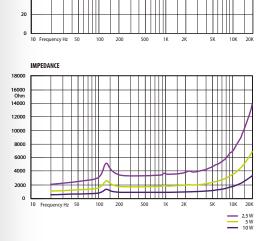


Technical Specifications	MC 4TA
Rated power	6 W
Transformer power taps	6 W - 3 W - 1,5W
Sensitivity	91 dB (1 W/1 m)
Maximum SPL	104 dB (Pmax/1 m) at 6878 Hz
Driver impedance	8 Ω
Frequency response	110 Hz — 17 kHz
Dispersion at 1000 Hz	180° conical
Driver dimensions	4" (100 mm) full range
Dimensions	ø 180 mm × 50 mm
Weight	0,7 kg
Material	Steel
Colour	White (RAL 9016)









Technical Specifications	MC 5T
Rated power	10 W
Transformer power taps	10 W - 5W - 2,5W
Sensitivity	94 dB (1 W/1 m)
Maximum SPL	113 dB (Pmax/1 m) at 2371 Hz
Driver impedance	8 Ω
Frequency response	100 Hz – 17 kHz
Dispersion at 1000 Hz	180° conical
Driver dimensions	5" (130 mm) full range
Dimensions	ø 200 mm × 54 mm
Weight	0,75 kg
Material	Steel
Colour	White (RAL 9016)

INTRODUCTION	iPlay 4T, 5T & 6
LOUDSPEAKERS	EVAC 50X
ELECTRONICS	COM SLIM 30
MICROPHONES	SPM 20

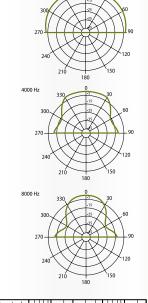
#### MC Metal Ceiling Loudspeakers

MC - metal ceiling loudspeakers with built-in 100V transformer.

# MC 6T

Cost effective metal loudspeakers. Slim loudspeaker's construction designed for low installation depth, quick fit clamps allow easy and fast installation into false ceilings. Light weight paper diaphragm and high efficiency magnet are the reasons of high performance in the middle frequency response.



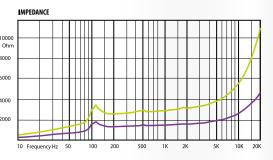












#### **CEILING LOUDSPEAKERS**

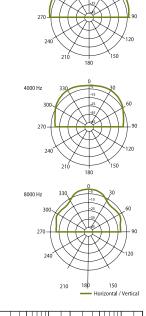
## **PC Plastic Ceiling Loudspeakers**

Plastic ceiling loudspeakers with integrated 100V line transformer and plastic dome.

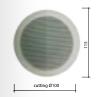


The PC3 plastic loudspeaker has a plastic dome and a high quality 3" speaker inside. While small in size this 6W speaker delivers perfect clarity across the full range. The PC3 is mainly used in public spaces, where ceilings are relatively low and interiors are sensitive to any kind of external influence. Ideal for paging and background music applications.



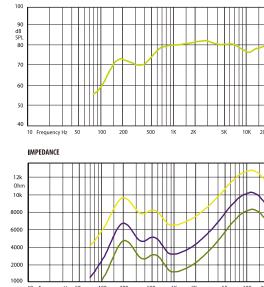


HORIZONTAL / VERTICAL POLAR DIAGRAMS





Technical Specifications	PC3
Rated power	6 W
Transformer power taps	6 W - 3 W - 1,5 W
Sensitivity	81 dB (1 W / 1 m)
Maximum SPL	91 dB (Pmax / 1 m) at 2420 Hz
Frequency response	150 Hz - 20 kHz
Dispersion at 1000 Hz	180° conical
Driver dimensions	3" (76 mm)
Protections	IPX4
Dimensions	Ø115 mm x 85 mm
Weight	0,6 kg
Material	Plastic, steel grill
Colour	White (RAL 9016)



VIVA3-302T/VIVA3-502T..

	LYAC JEN	••••••
	EVAC 5	2
	EVAC 50X	
	EVAC 6	
	MC 4TA & MC 5T	
	MC 6T	
	PC 3	
	PC 4HP	
2	PCR 5T & PCR 8T	5
Ī	PC 5T & PC 8T	38-3
¥	PC 5TX & PC 8TX	
OUDSPEAKEKS	PC 6T	4
<u> </u>	LOW IMPEDANCE LOUDSPEAKERS	
2	PC 5X & PC 8X	44.4
5		
5	PC 6 46	
- 1	PC 6HP	
	WP5 & WP6	48-4
	COLUMN LOUDSPEAKERS	
	COM 20HP & COM 30HP	50-5
	COM 20 & COM 40	
	COM 320 & COM 340	51_5
	COM 420 & COM 440	
	COM SLIM 30	
	COM SCIM 30	
	HORN LOUDSPEAKERS	
	H 15	6
	HQ 10EN	
	HQ10, HQ15 & HQ30	
	MH 50	
	MHQ 60X	
Л	MITQ OOK	······································

SPM 20 HPSPMB 10
SPM 20
SPHERICAL LOUDSPEAKERS
SL 20M
SL 30

POWER CABINET LOUDSPEAKERS

PROFESIONAL MUSIC LOUDSPEAKER

POWER BOX 5.....POWER BOX 5HP ....

MUSIC BOX D12.....

	SUBWOOFERS
ES	SUB 100V
뿔	SUB 2
5	
$\simeq$	VOLUME CONTROLS

VC 5R, VC 30R & VC 60R
OFCFR 2x0.82 & OFCFR 2x1.5
TCB 2 Table Connection Box
AUDIO CABLES & CONNECTORS

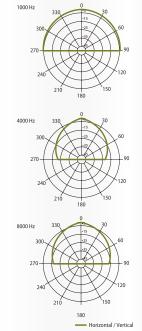
#### **PC HP Plastic Ceiling Loudspeakers**

High performance ceiling loudspeakers with 100V power transformer and  $8\Omega$  power tap.

# PC 4HP

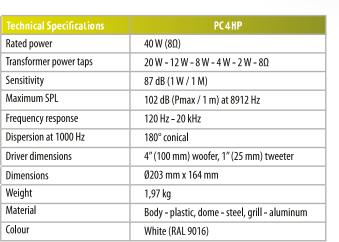
A high quality coaxial speaker incorporated into a plastic enclosure with an aluminium grill and metal dome. Very strong loudspeaker construction with excellent sound reproduction. These loudspeakers can be quickly and simply installed into false ceilings. Match a wide sound dispersion with an innovative design and you have a strong and powerful sound reproduction loudspeaker that has almost unlimited applications, such as: shopping malls, restaurants, office buildings, anywhere where the main requirementis background music reproduction. The speaker has a Phoenix connector with special cover for easy and safe installation.

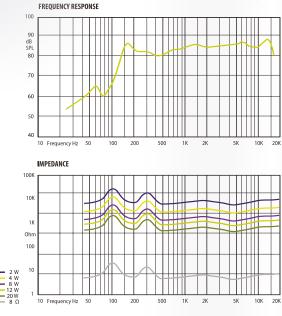




HORIZONTAL / VERTICAL POLAR DIAGRAMS







#### **CEILING LOUDSPEAKERS**

## **PCR Rimless Plastic Ceiling Loudspeakers**

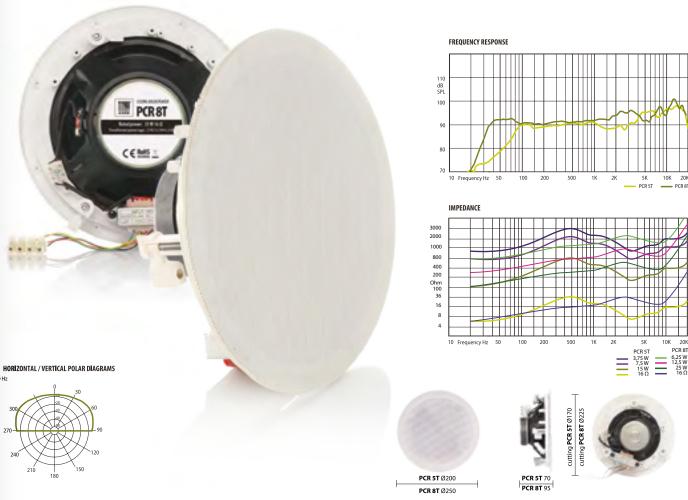
ABS plastic ceiling loudspeakers with built-in 100V transformer.

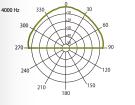


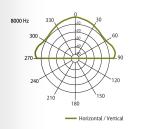


# PCR 5T & PCR 8T

Excellent coaxial speakers for improved sound quality with new rimless enclosure design. Rimless grill with magnetic grill fixings lets easily and quickly install into false ceilings. Minimalistic design approved for sensitive interiors.







Fen 01 9230		
	PCR 5T	PCR 8T
Rated power	25 W (16 Ω)	35 W (16 Ω)
Transformer power taps	15 W - 7,5 W - 3,75 W	25 W - 12,5 W - 6,25 W
Sensitivity	89 dB (1 W/1 m)	90 dB (1 W/1 m)
Maximum SPL	101dB (Pmax/1 m) at 15694 Hz	105 dB (Pmax/1 m) at 15249 Hz
Frequency response	80 Hz – 20 kHz	60 Hz — 20 kHz
Dispersion at 1000 Hz	120° conical	120° conical
Driver dimensions	5" (130 mm) woofer, 0,5" (13 mm) tweeter, coaxial	8" (200 mm) woofer, 0,5" (13 mm) tweeter, coaxia
Dimensions	ø 200 mm × 70 mm	ø 250 mm × 95 mm
Weight	1,1 kg	1,7 kg
Material	Plastic, Steel grill	Plastic, Steel grill
Colour	White (RAL 9016)	White (RAL 9016)

	CABINET LOUDSPEAKERS
	iPlay 4T, 5T & 612-1
	iSpeak 5 1
Z	iSpeak 61
INTRODUCTION	PS 61
Ħ	EWACW 51
2	W3 & W101
7	W 10RS
0	VIVA3-302T/VIVA3-502T20-2
~	VIVA3-3UZI/VIVA3-3UZIZU-Z
5	VIVA 42
	VIVA 4IP2
	VIVA 524-2
	VIVA 8 2
	CEILING LOUDSPEAKERS
	CEILING LOUDSPEAKERS
	MC 4EN2
	EVAC 5EN2
	EVAC 52
	EVAC 50X3
	EVAC 63
	MC 4TA & MC 5T32-3
	MC 6T 3
	PC 33
	PC 4HP3
M	PCR 5T & PCR 8T3
œ	PC 5T & PC 8T38-3
Щ	PC 5TX & PC 8TX40-4
à	
Щ	PC 6T4
OUDSPEAKERS	LOW IMPEDANCE LOUDSPEAKERS
اص	PC 5X & PC 8X44-4
5	PC 6 464
O	PC 6HP
-	WP5 & WP648-4
	WF3 & WF040-4
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-5
	COM 20 & COM 4052-5
	COM 320 & COM 34054-5
	COM 420 & COM 44056-5
	COM SLIM 305
	HORN LOUDSPEAKERS
	H 156
	HQ 10EN6
	HQ10, HQ15 & HQ3062-6
	MH 506
	MHQ 60X6
ELECTRONICS	
=	POWER CABINET LOUDSPEAKERS
O	POWER BOX 5
~	POWER BOX 5HP6
5	PROFESIONAL MUSIC LOUDSPEAKERS
ш	PROFESIONAL MUSIC LOUDSPEAKERS
╗	MUSIC BOX D126
	POWER BOX D126
	SPEAKER BOX D127
	SOUND PROJECTORS
	SP 10 EN
	SP 10 EN
	SP 10/
	SPM 20 HP
	SPMB 107
	SPM 207
	SPHERICAL LOUDSPEAKERS
	SL 20M7
	SL 30
	SUBWOOFERS
S	SUB 100V8
Щ	SUB 28
¥	VOLUME CONTROLS
ه	VC 5R, VC 30R & VC 60R8
0	OFCFR 2x0.82 & OFCFR 2x1.58
MICROPHONES	TCB 2 Table Connection Box8
$\boldsymbol{\Xi}$	AUDIO CABLES & CONNECTORS8
Σ	LOUDSPEAKERS ACCESSORIES

## **PC Plastic Ceiling Loudspeakers**

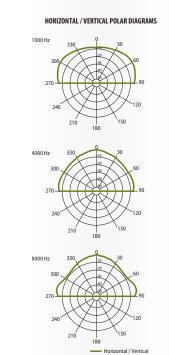
ABS plastic ceiling loudspeakers with built-in 100V transformer.

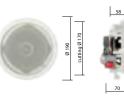
# PC5T&PC8T

These units provide an excellent full range of clear sound reproduction. Used where a combination of high quality background music and public address is required. The loudspeakers are designed to be quickly and simply installed into false ceilings and are equipped with coaxial speakers for improved sound quality.

PC **5T** 

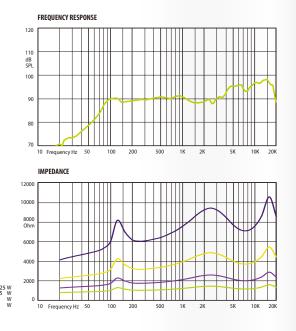








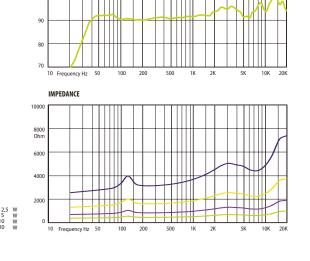
<b>Technical Specifications</b>	PC 5T	
Rated power	10 W	
Transformer power taps	10 W - 5 W - 2,5 W - 1,25 W	
Sensitivity	88 dB (1 W/1 m)	
Maximum SPL	98 dB (Pmax/1 m) at 15694 Hz	
Frequency response	90 Hz – 20 kHz	
Dispersion at 1000 Hz	120° conical	
Driver dimensions	5" (130 mm) woofer, 0,5" (13 mm) tweeter, coaxial	
Dimensions	ø 190 mm × 70 mm	
Weight	1,1 kg	
Material	Plastic, Steel grill	
Colour	White (RAL 9016)	







Technical Specifications	PC 8T
Rated power	20 W
Transformer power taps	20 W - 10 W - 5 W - 2,5 W
Sensitivity	88 dB (1 W/1 m)
Maximum SPL	101 dB (Pmax/1 m) at 15249 Hz
Frequency response	80 Hz — 20 kHz
Dispersion at 1000 Hz	120° conical
Driver dimensions	8" (200 mm) woofer, 0,5" (13 mm) tweeter, coaxial
Dimensions	ø 245 mm × 95 mm
Weight	2,1 kg
Material	Plastic, Steel grill
Colour	White (RAL 9016)



	CABINET LOUDSPEAKERS
	iPlay 4T, 5T & 612-13
	iSpeak 514
	iSpeak 6
	PS 6
1	
	EWACW 5
	W3 & W10
1	W 10RS
	VIVA3-302T/VIVA3-502T20-21
1	VIVA 422
ı	VIVA 4IP23
	VIVA 524-25
	VIVA 826
	CEILING LOUDSPEAKERS
	MC 4EN27
	EVAC 5EN
	EVAC 5EIN
	EVAC 5
	EVAC 50X
	EVAC 6
	MC 4TA & MC 5T32-33
	MC 6T34
	PC 3
	PC 4HP36
	PCR 5T & PCR 8T37
	PC 5T & PC 8T38-39
	PC 5TX & PC 8TX40-41
	PC 6T43
	LOW IMPEDANCE LOUDSPEAKERS
	DC EV 0 DC 0V
	PC 5X & PC 8X44-45
	PC 6 46
	PC 6HP47
	WP5 & WP648-49
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-51
	COM 20 & COM 4052-53
	COM 20 & COM 34054-55
	COM 420 & COM 44056-57
	COM 420 & COM 44058-57
	HORN LOUDSPEAKERS
	H 1560
	HQ 10EN61
	HQ10, HQ15 & HQ3062-63
	MH 5064
	MHQ 60X65
	POWER CABINET LOUDSPEAKERS
	POWER BOX 5
	POWER BOX 5HP67
	PROFESIONAL MUSIC LOUDSPEAKERS
	MUSIC POV D12
	MUSIC BOX D12
	POWER BOX D1269
	SPEAKER BOX D1270
	SOUND PROJECTORS
	SP 10 EN72
	SP 1073
	SPM 20 HP74
	SPMB 10
1	SPM 20
П	
П	SPHERICAL LOUDSPEAKERS
П	SL 20M78
П	SL 3079
	SUBWOOFERS
	SUB 100V80
	SUB 281
	VOLUME CONTROLS
	VC 5R, VC 30R & VC 60R82
	OFCFR 2x0.82 & OFCFR 2x1.583
	TCB 2 Table Connection Box84
	AUDIO CABLES & CONNECTORS85
	ACIDIO GADI - SIGLONNIEC I URS85
	LOUDSPEAKERS ACCESSORIES

#### **PC Plastic Ceiling Loudspeakers**

ABS plastic ceiling loudspeakers with built-in 100V transformer.

# PC5TX&PC8TX

Like the PC 5T and PC 8T in construction and facilities, these units differ only in as much as they are designed primarily for high quality background music provision.



Technical Specifications	PC 5TX	PC 8TX
Rated power	10 W	20 W
Transformer power taps	10 W - 5 W - 2,5 W - 1,25 W	20 W - 10 W - 5 W - 2,5 W
Sensitivity	88 dB (1 W/1 m)	89 dB (1 W/1 m)
Maximum SPL	98 dB (Pmax/1 m) at 884 Hz	102 dB (Pmax/1 m) at 5415 Hz
Frequency response	100 Hz — 20 kHz	60 Hz – 20 kHz
Dispersion at 1000 Hz	120° conical	120° conical
Driver dimensions	5" (130 mm) woofer, 0,5" (13 mm)tweeter, coaxial	8" (200 mm) woofer, 0,5" (13 mm) tweeter, coaxial
Dimensions	ø 190 mm × 80 mm	ø 274 mm × 105 mm
Weight	1,1 kg	2,1 kg
Material	Plastic, Steel grill	Plastic, Steel grill
Colour	White (RAL 9016)	White (RAL 9016)



**CABINET LOUDSPEAKERS** 

VIVA3-302T/VIVA3-502T.

MC 4EN ... EVAC 5EN ... EVAC 5.....

MC 4TA & MC 5T

PCR 5T & PCR 8T.

PC 5X & PC 8X .. PC 6 46 ...... PC 6HP ...... WP5 & WP6..

COLUMN LOUDSPEAKER
COM 20HP & COM 30HP
COM 20 & COM 40 ........
COM 320 & COM 340 ......

COM 420 & COM 440. COM SLIM 30 ...

HQ10, HQ15 & HQ30. MH 50..... MHQ 60X .....

POWER BOX 5

**POWER BOX 5HP..** 

MUSIC BOX D12....

**POWER BOX D12. SPEAKER BOX D12..** 

SP 10 EN...

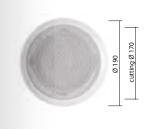
SPM 20 HP SPMB 10...

SL 30....

PROFESIONAL MUSIC LOUDSPEAKE

SPHERICAL LOUDSPEAKERS

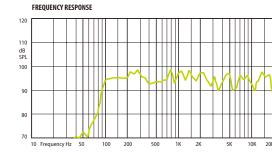
**LOW IMPEDANCE LOUDSPEAKERS** 

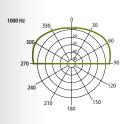


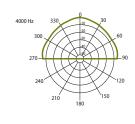
HORIZONTAL / VERTICAL POLAR DIAGRAMS

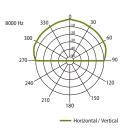


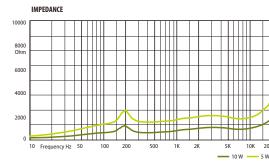




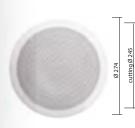






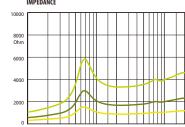


#### PC 8TX

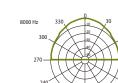


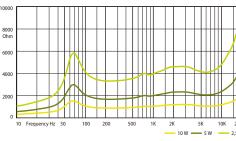






FREQUENCY RESPONSE





PC 5TX

HORIZONTAL / VERTICAL POLAR DIAGRAMS

PAGE

**AUDIO CABLES & CONNECTORS.** 

**MOUNTING HARDWARE...** 



## **PA Systems** should be heard and not seen.



#### **CEILING LOUDSPEAKERS**

## **PC Plastic Ceiling Loudspeakers**

PC - plastic ceiling loudspeakers with built-in 100V transformer.

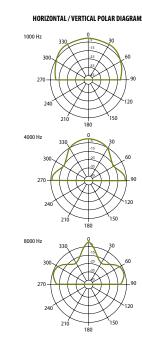






Cost effective ABS plastic loudspeaker. Designed to be quickly and simply installed into false ceilings. Cost saving solution for PA systems where large amount of speakers is required. Excellent full range loudspeaker for systems where combination of background music and voice announcements are required.

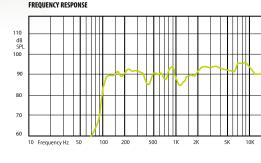


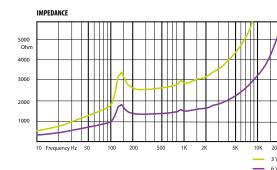






Technical Specifications	PC 6T
Rated power	6 W
Transformer power taps	6 W - 3 W
Sensitivity	93 dB (1 W/1 m)
Maximum SPL	100 dB (Pmax/1m)
Frequency response	100 Hz — 15 kHz
Dispersion at 1000 Hz	180° conical
Driver dimensions	6" (152 mm)
Dimensions	ø 188 mm x 76 mm
Weight	0,7 kg
Material	Plastic, Steel grill
Colour	White (RAL 9016)





iPlay 4T, 5T & 612-1 iSpeak 5 1
iSpook 5
ISPEAR 3
iSpeak 6 1
PS 61
EWACW 51
W3 & W101
W 10RS1
VIVA3-302T/VIVA3-502T20-2
VIVA 42
VIVA 4
VIVA 4IP2
VIVA 524-2
VIVA 82
CEILING LOUDSPEAKERS
MC 4EN2
EVAC 5EN2
EVAC 52
EVAC 50X3
EVAC 63
MC 4TA & MC 5T32-3
MC41A & MC3132-3
MC 6T 3
MC 6T
PC 4HP
DCP ST & DCP ST
PCR 5T & PCR 8T3 PC 5T & PC 8T38-3
PC51&PC8138-3
PC 5TX & PC 8TX40-4
PC 6T4
LOW IMPEDANCE LOUDSPEAKERS
PC 5X & PC 8X44-4
PC 6 46
PC 0 40 4
PC 6HP4
WP5 & WP648-4
COLUMN LOUDSPEAKERS
COM 20HP & COM 30HP50-5
COM 20 & COM 4052-5
COM 320 & COM 34054-5
COM 320 & COM 34034-3
COM 420 & COM 44056-5
COM SLIM 305
HORN LOUDSPEAKERS
HORN LOUDSPEAKERS H 156
HORN LOUDSPEAKERS H 156
HORN LOUDSPEAKERS H 156
HORN LOUDSPEAKERS H 156 HQ 10EN6 HQ10, HQ15 & HQ3062-6
HORN LOUDSPEAKERS H 15
HORN LOUDSPEAKERS H 156 HQ 10EN6 HQ10, HQ15 & HQ3062-6
HORN LOUDSPEAKERS H 15

PAGE

## **PC Low Impedance Ceiling Speakers**

Low voltage ABS plastic coaxial ceiling loudspeakers.

# PC5X&PC8X

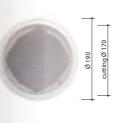
These loudspeakers are used for low impedance systems only, as the speaker has no built-in transformer. The white plastic enclosure features a steel grill, with a moulded AMC logo and looks elegant and clean. They are best used for background music reproduction in bars, restaurants and hotel lobbies.



Technical Specifications	PC 5X	PC 8X
Rated power	20 W (8 Ω)	40 W (8 Ω)
Sensitivity	88 dB (1 W/1 m)	89 dB (1 W/1 m)
Maximum SPL	101 dB (Pmax/1 m) at 6816 Hz	105 dB (Pmax/1 m) at 6435 Hz
Frequency response	100 Hz – 20 kHz	50 Hz — 20 kHz
Dispersion at 1000 Hz	120° conical	120° conical
Driver dimensions	5" (130 mm) woofer, 0,5" (13 mm) tweeter, coaxial	8" (200 mm) woofer, 0,5" (13 mm) tweeter, coaxial
Dimensions	ø 190 mm × 80 mm	ø 274 mm × 105 mm
Weight	1 kg	1,83 kg
Material	Plastic, Steel grill	Plastic, Steel grill
Colour	White (RAL 9016)	White (RAL 9016)

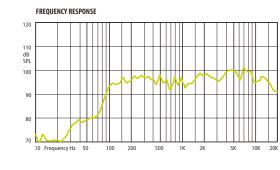


## PC **5X**



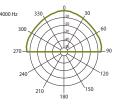


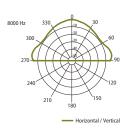


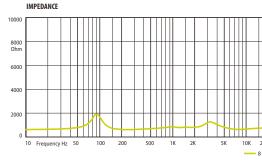


HORIZONTAL / VERTICAL POLAR DIAGRAMS









#### PC 8X

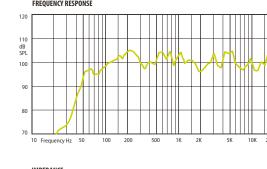


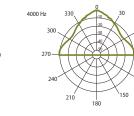
HORIZONTAL / VERTICAL POLAR DIAGRAMS

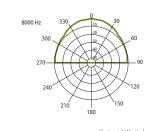
AMC Product Catalogue – LOUDSPEAKERS

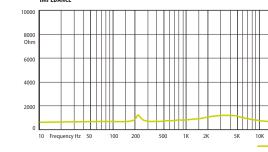












	CABINET LOUDSPEAKERS  iPlay 4T, 5T & 6
	MC 4ENEVAC 5EN
	EVAC 5 EVAC 50X EVAC 6 MC 4TA & MC 5T
	PC 3 PC 4HP PC 8T 8 PC 8T
	PC 5T & PC 8T
	PC 5X & PC 8X
	COLUMN LOUDSPEAKERS COM 20HP & COM 30HP
	HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30
	POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP
	PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12
	SOUND PROJECTORS SP 10 ENSP 10SPM 20 HPSPMB 10SPM 20SPM
ı	SPHERICAL LOUDSPEAKERS SL 20MSL 30
	SUBWOOFERS SUB 100VSUB 2
	VOLUME CONTROLS VC 5R, VC 30R & VC 60R OFCFR 2x0.82 & OFCFR 2x1.5 TCB 2 Table Connection Box
	AUDIO CABLES & CONNECTORS

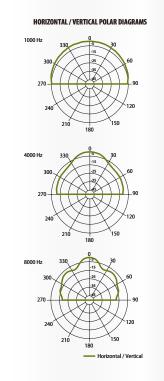
**MOUNTING HARDWARE...** 

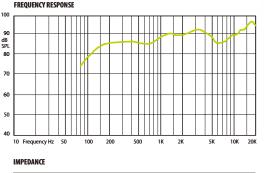
#### **PC Low Impedance Ceiling Loudspeakers**

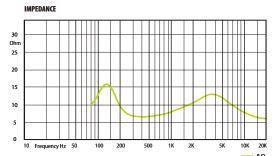
High performance coaxial ceiling loudspeakers.

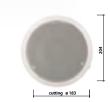
These specially designed speakers are ideal for back ground music with a high SPL. The enclosures are assembled using high quality materials and coupled to a very high quality coaxial speaker. Used in environments where excellent sound quality and a high SPL is required: bars, restaurants, modern shops. The clear and neutral design of this enclosure loudspeaker allows it to blend into any interior.















Technical Specifications	PC 6
Rated power	50 W (8 Ω)
Sensitivity	90 dB (1 W/1 m)
Maximum SPL	109 dB (Pmax/1 m) at 2638 Hz
Frequency response	80 Hz – 20 kHz
Dispersion at 1000 Hz	180° conical
Driver dimensions	6" (152mm) woofer, 1,25" (32mm) tweeter
Dimensions	ø 204 mm x 85 mm
Weight	1,4 kg
Material	Housing - ABS plastic, grill - steel
Colour	White (RAL 9016)

#### **CEILING LOUDSPEAKERS**

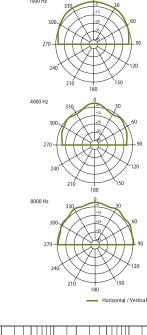
## **PC Low Impedance Ceiling Loudspeakers**

High performance coaxial ceiling loudspeakers

# PC 6 HP

PC 6HP high performance 8  $\Omega$  ceiling loudspeakers for low impedance background music systems. Metal grill with magnetic fixing are specially made with extra slim plastic edge in order to make minimum intervention to interior. Adjustable silk tweeters angle allow precisely match high frequency performance in any living area and let you to choose your prefered kind of high frequency sound: directly or reflected. PC 6HP are specially made without 100V transformers for the excellent clear and dynamic sound. These 35W coaxial loudspeakers can be quickly and simply installed into false ceilings by using four points fastening system. PC 6HP is a strong and powerful sound reproduction loudspeaker that has almost unlimited applications for home background music, as well for public spaces where high quality background





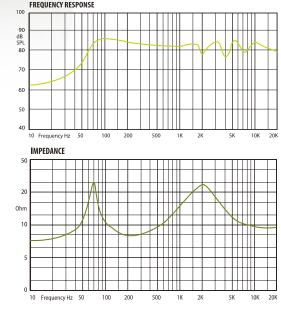
HORIZONTAL / VERTICAL POLAR DIAGRAMS



AMC Product Catalogue - LOUDSPEAKERS



<b>Technical Specifications</b>	PC 6 HP
Rated power	35 W
Impedance	8 Ω
Sensitivity	86 dB (1 W/1 m)
Maximum SPL	102 dB (Pmax / 1m)
Frequency response	75 Hz - 20 kHz
Dispersion at 1000 Hz	150° conical
Driver dimensions	6,5" (165 mm)
Dimensions	Ø 250 mm x 90 mm
Weight	7 kg
Material	Housing - plastic, grill - steel
Colour	White (RAL 9016)



iSpeak 6 PS 6 EWACW 5 W3 & W10 W 10RS VIVA3-302T/VIVA3-502T VIVA 4 VIVA 4IP VIVA 5 VIVA 8  CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5EN EVAC 5 EVAC 5OX EVAC 6 MC 4TA & MC 5T PC 3 PC 4HP PCR 5T & PC 8T PC 6HP WP5 & WP6  COLUMN LOUDSPEAKERS  COLUMN LOUDSPEAKERS COM 20HP & COM 30HP COM 320 & COM 40 COM 420 & COM 40 COM 320 & COM 340 COM 320 & COM 40 COM 320 & COM 340 COM 320 & COM 320 COM 320 & COM 320 COM 320 & COM
iSpeak 5 iSpeak 6 PS 6 PS 6 W3 & W10 W 10RS VIVA3-302T/VIVA3-502T VIVA 4 VIVA 4 P VIVA 5 CELLING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5EN EVAC 5 EVAC 50X EVAC 6 MC 4TA & MC 5T PC 3 PC 4HP PCR 5T & PCR 8T PC 5T & PC 8T PC 6T LOW IMPEDANCE LOUDSPEAKERS PC 5X & PC 8X PC 6HP WP5 & WP6 COLUMN LOUDSPEAKERS COM 20 & COM 40 COM 20 &
iSpeak 6 PS 6 EWACW 5 W3 & W10 W 10RS VIVA3-302T/VIVA3-502T VIVA 4 VIVA 4 VIVA 4 P VIVA 5 VIVA 8 CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5EN EVAC 5 EVAC 5OX EVAC 6 MC 4TA & MC 5T MC 6T PC 3 PC 4HP PCR 5T & PCR 8T PC 5T & PC
P\$ 6 EWACW 5 W3 & W10 W 10RS VIVA3-302T/VIVA3-502T VIVA 4 VIVA 4IP VIVA 5 VIVA 8  CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5EN EVAC 5EN EVAC 5 EVAC 50X EVAC 6 MC 4TA & MC 5T MC 6T PC 3 PC 4HP PCR 5T & PCR 8T PC 5T & PCR 8T PC 5T X PC 8T
W3 & W10
W3 & W10
W 10RS. VIVA3-302T/VIVA3-502T VIVA 4 VIVA 4
VIVA 3-302T/VIVA3-502T
VIVA 4 IP VIVA 5
VIVA 5
VIVA 8  CEILING LOUDSPEAKERS  MC 4EN  EVAC 5EN  EVAC 5  EVAC 50X  EVAC 6  MC 4TA & MC 5T  MC 6T  PC 3  PC 4HP  PCR 5T & PC 8T  PC 5T & PC 8T  LOW IMPEDANCE LOUDSPEAKERS  PC 5X & PC 8X  PC 64 6  PC 6HP  WP5 & WP6  COLUMN LOUDSPEAKERS  COM 20 HP & COM 30 HP  COM 320 & COM 40  COM 320 & COM 40  COM 420 & COM 440  COM 420 & COM 440  COM 52-C  COM 320 & COM 440  COM 54-C  COM 54-C  COM 54-C  COM 54-C  COM 54-C  COM 54-C  COM 55-C  COM 56-C  COM 56-C  COM 56-C  MH 50  HQ 10, HQ 15 & HQ 30  HQ 60X  POWER CABINET LOUDSPEAKERS  POWER BOX 5  POWER BOX D12  SPEAKER BOX D
MC 4EN
MC 4EN
EVAC 5EN
EVAC 5
EVAC 50X
EVAC 6
MC 4TA & MC 5T
MC 6T
PC 3
PC 4HP
PC 5T & PC 8T
PC 5TX & PC 8TX
PC 6T
COW IMPEDANCE LOUDSPEAKERS PC 5X & PC 8X
PC 5X & PC 8X
PC 6 46
C 6HP
NP5 & WP6
COLUMN LOUDSPEAKERS COM 20HP & COM 30HP
COM 20HP & COM 30HP
COM 20 & COM 40
TOM 320 & COM 340
TOM 420 & COM 440
HORN LOUDSPEAKERS H 15
H 15
H 15
HQ 10EN
MH 50
WHQ 60X POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 POWER BO
OWER CABINET LOUDSPEAKERS OWER BOX 5 OWER BOX 5HP OROFESIONAL MUSIC LOUDSPEAKERS OWER BOX D12 OWER BOX D12 OWER BOX D12 OUND PROJECTORS P 10 EN P 10 PM 20 HP PMB 10 PM 20 PHERICAL LOUDSPEAKERS L 20M
POWER BOX 5
PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 6 POWER BOX D12 6 SPEAKER BOX D12 7 SOUND PROJECTORS SP 10 8 SP 10 8 SPM 20 HP 8 SPM 20 7 SPM 20 7 SPHERICAL LOUDSPEAKERS SL 20M 7
PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 6 POWER BOX D12 6 SPEAKER BOX D12 7 SOUND PROJECTORS SP 10 8 SP 10 8 SPM 20 HP 8 SPM 20 7 SPHERICAL LOUDSPEAKERS SL 20M 7
MUSIC BOX D12
MUSIC BOX D12
POWER BOX D12
SOUND PROJECTORS  SP 10 EN
SP 10 EN
SP 10 ENSP 10 ENSP 10SPM 20 HPSPMB 10SPMB 20SPM 20SPHERICAL LOUDSPEAKERS SL 20MSPEAKERS
SP 10SPM 20 HPSPM 20 HPSPMB 10SPMB 20SPMB 20SPMB 20SPHERICAL LOUDSPEAKERS SL 20MSPMBSPEAKERS
SPM 20 HPSPMB 10SPMB 10SPMB 20SPM 20SPHERICAL LOUDSPEAKERS SL 20MSPEAKERS
SPM 20SPHERICAL LOUDSPEAKERS SL 20M
SPHERICAL LOUDSPEAKERS SL 20M
5L 20M
SL 20MSL 30
SL 30
SUBWOOFERS
SUB 100V
SUB 2
VOLUME CONTROLS
VC 5R, VC 30R & VC 60R
OFCFR 2x0.82 & OFCFR 2x1.5
TCB 2 Table Connection Box
TCB 2 Table Connection Box
TCB 2 Table Connection Box

## **WP Low Impedance Ceiling Loudspeakers**

Weatherproof ceiling loudspeakers

# WP 5 & WP 6

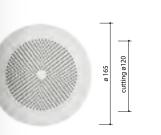
WP 5 &WP 6 ceiling loudspeakers - unique combination of clear sound and special design of weatherproofness. Incredibly reliable, durable and universal WP5 & WP6 are 5 and 6 inch two way loudspeakers with plastic speaker membrane, moisture isolated magnet and speaker coil. These loudspeakers are designed for installations in the hard climate conditions and extremely moisture environments. Loudspeaker has removable plastic grill which hides speakers mounting screws and enclosure looks elegant when mounted in ceilings. Designed for low impedance systems. These loudspeakers are ideal solution for background music in SPA centers, indoor pools, showers, sauna and ships.



Technical specifications	WP 5	WP 6
Rated power	40 W	50 W
Impedance	4 Ω	4 Ω
Sensitivity	89 dB (1 W/1 m)	90 dB (1 W/1 m)
Maximum SPL	105 dB (Pmax/1 m)	106 dB (Pmax/1 m)
Frequency response	80 Hz - 20 kHz	70 Hz - 20 kHz
Dispersion at 1000 Hz	120° conical	120° conical
Driver dimensions	5" (130 mm) woofer, 0,5" (13 mm) tweeter, coaxial	6" (152 mm) woofer, 0,5" (13 mm) tweeter, coaxial
Dimensions	ø 165 mm x 90 mm	ø 191 mm x 100 mm
Weight	0,8 kg	1 kg
Material	Plastic	Plastic
Colour	White (RAL 9016)	White (RAL 9016)

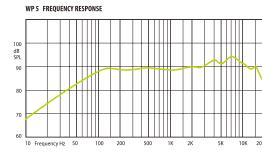


### **WP 5**

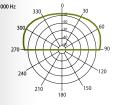


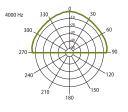


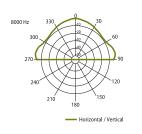


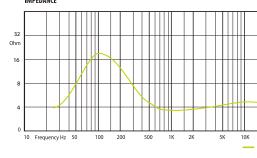


## HORIZONTAL / VERTICAL POLAR DIAGRAMS







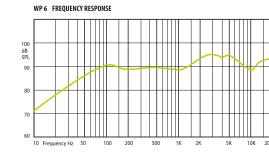


#### **WP 6**



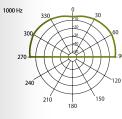


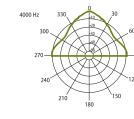


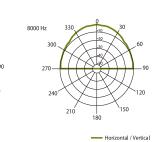


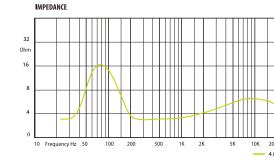
#### HORIZONTAL / VERTICAL POLAR DIAGRAMS

AMC Product Catalogue - LOUDSPEAKERS









	CABINET LOUDSPEAKERS
	iPlay 4T, 5T & 612-
	iSpeak 5
MINODOCITON	iSpeak 6
	PŚ 6 EWACW 5
7	
7	W3 & W10 W 10RS
5	VIVA3-302T/VIVA3-502T20-
	VIVA 420
	VIVA 4IP
	VIVA 524-
	VIVA 8
	CEILING LOUDSPEAKERS
	MC 4EN
	EVAC 5EN
	EVAC 5
	EVAC 50X
	EVAC 6
	MC 4TA & MC 5T32-
	MC 6T
	PC 3
	PC 4HP
SOUSI EANENS	PCR 5T & PCR 8T
į	PC 5T & PC 8T
ĺ	PC6T40
ì	
5	LOW IMPEDANCE LOUDSPEAKERS
5	PC 5X & PC 8X44
5	PC 6 46
1	PC 6HP
	WP5 & WP648-
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-
	COM 20 & COM 4052-
	COM 320 & COM 34054-
	COM 420 & COM 44056-
	COM 420 & COM 44056- COM SLIM 30
	COM SLIM 30 HORN LOUDSPEAKERS
	COM SLIM 30 HORN LOUDSPEAKERS H 15
	COM SLIM 30 HORN LOUDSPEAKERS H 15HQ 10EN
	COM SLIM 30
COMPA	COM SLIM 30
CHICALLY	COM SLIM 30
ELC INCINCO	COM SLIM 30
LEEC INCINICA	COM SLIM 30
LEEC INOMICS	COM SLIM 30
LEEC INCINICO	HORN LOUDSPEAKERS H 15
LEEC INCINCO	HORN LOUDSPEAKERS H 15
	COM SLIM 30
	COM SLIM 30
	COM SLIM 30
FEECHIONICS	COM SLIM 30
	HORN LOUDSPEAKERS H 15
	COM SLIM 30
	COM SLIM 30
	COM SLIM 30
	HORN LOUDSPEAKERS H 15

**MOUNTING HARDWARE...** 

## **COM HP High Performance Column Loudspeakers**

COM HP aluminum body high performance outdoor column loudspeakers.

# COM 20HP & COM 30HP

Wide frequency response and high SPL loudspeakers. Special bracket for precise speaker mounting. Typical application: railway stations, subways, churches, factory buildings,warehouses, parking lots, open air spaces.

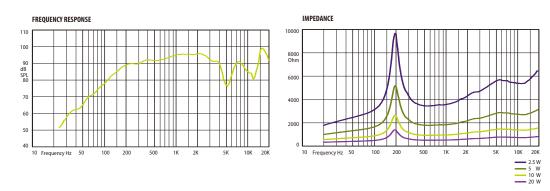




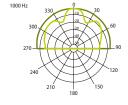
COM :	30 HP	
30 W		
30 W - 15 W - 7,5 W - 3,7	75 W	
94 dB (1 W/1 m)		
112 dB (Pmax/1 m) at 11	1220 Hz	
110 Hz – 20 kHz		
180° (H), 70° (V)		
IP 66		
775 mm × 125 mm x 11	0 mm	
6 x 3,5" (88 mm) woofer	, 0,8" (20 mm)	tweeter
7 kg		
Aluminum		
White (RAL 9016)		

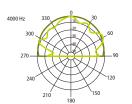


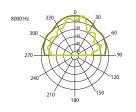
## COM **20HP**



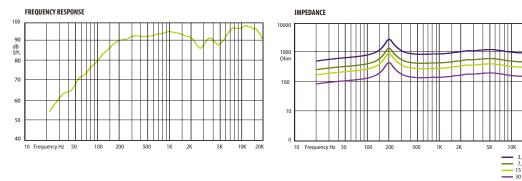
#### HORIZONTAL / VERTICAL POLAR DIAGRAMS

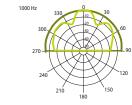


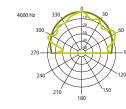


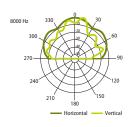


#### **COM 30HP**









iPlay 4T, 5T & 612-13
iSpeak 512-13
iSpeak 6
PS 6
EWACW 5
W3 & W1018
W 10RS19
VIVA3-302T/VIVA3-502T20-2
VIVA 422
VIVA 4IP23
VIVA 524-25
VIVA 820
CEILING LOUDSPEAKERS
MC 4EN27
EVAC 5EN
EVAC 5
EVAC 50X30
EVAC 63
EVAC 633 MC 4TA & MC 5T32-33
MC 6T34
PC 3
PC 4HP30
PCR 5T & PCR 8T3
PC 5T & PC 8T38-39
PC 5TX & PC 8TX40-4
PC 6T4
LOW IMPEDANCE LOUDSPEAKERS
PC 5X & PC 8X44-4!
PC 6 4640
PC 6HP47
WP5 & WP648-49
COLUMN LOUDSPEAKERS
COM 20HP & COM 30HP50-5
COM 20 & COM 4052-5
COM 320 & COM 34054-5!
COM 420 & COM 44056-57
COM SLIM 3058
HORN LOUDSPEAKERS
H 1560 HQ 10EN6
HQ10, HQ15 & HQ3062-63
MH 5064
MHQ 60X
POWER CABINET LOUDSPEAKERS
POWER BOX 560 POWER BOX 5HP6
PROFESIONAL MUSIC LOUDSPEAKERS
MUSIC BOX D1268
POWER BOX D1269
SPEAKER BOX D1270
SOUND PROJECTORS
SP 10 EN
SP 10
SPM 20 HP74
SPMB 10
SPM 2077
SPHERICAL LOUDSPEAKERS SL 20M78
SL 2014
SUBWOOFERS
SUB 100V80
SUB 28
VOLUME CONTROLS
VC 5R, VC 30R & VC 60R82
OFCFR 2x0.82 & OFCFR 2x1.5
TCB 2 Table Connection Box84
AUDIO CABLES & CONNECTORS85
LOUDSPEAKERS ACCESSORIES
MOUNTING HARDWARE86-82

White (RAL 9016)

Colour

## **COM Weatherproof Column Loudspeakers**

COM aluminum body outdoor column loudspeakers.

# COM 20 & COM 40

Wide frequency response and high sensitivity loudspeakers are ideal for speech and background music reproduction in large areas, where a simple and reliable solution is needed. Can be used in heavy weather conditions. COM 20 is manufactured with two 5"(127 mm) full range speakers, COM 40 has four 5"(127 mm) full range speakers.

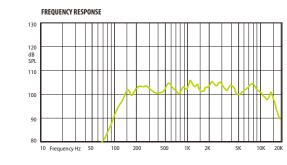


Technical Specifications	COM 20	COM 40
Rated power	20 W	40 W
Transformer power taps	20 W - 10 W	40 W - 20 W
Sensitivity	92 dB (1 W/1 m)	94 dB (1 W/1 m)
Maximum SPL	105 dB (Pmax/1 m) at 1179 Hz	110 dB (Pmax/1 m) at 1113 Hz
Frequency response	100 Hz — 15 kHz	100 Hz – 15 kHz
Dispersion at 1000 Hz	180° (H), 150° (V)	180° (H), 150° (V)
Protection	IP 54	IP 54
Dimensions	378 mm × 151 mm x 125 mm	618 mm × 151 mm x 125 mm
Driver dimensions	2 x 5" (127 mm)	4 x 5" (127 mm)
Weight	2,9 kg	4,7 kg
Material	Aluminum	Aluminum
Colour	Grey (RAL 7038)	Grey (RAL 7038)

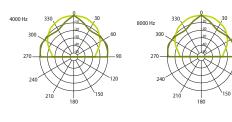


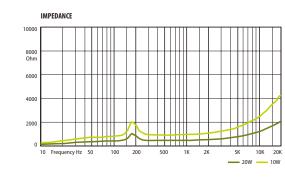
#### COM **20**





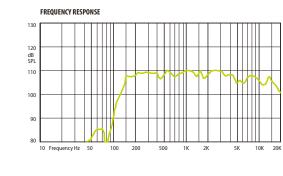
HORIZONTAL / VERTICAL POLAR DIAGRAMS

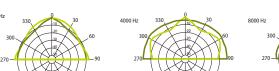


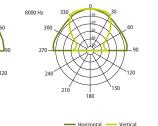


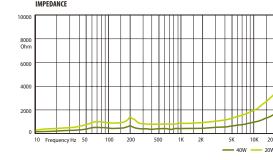
#### COM 40











Simple. Reliable. Profitable.

10	-		

	'DI AT ET 0. C	40.4	
	iPlay 4T, 5T & 6	.12-1	
_	iSpeak 5		4
0	iSpeak 6 PS 6		-
INTRODUCTION	EWACW 5		
2	W3 & W10		5
5	W 10RS		(
0	VIVA3-302T/VIVA3-502T	20-2	
H H	VIVA 4		
Z	VIVA 4IP	2	
	VIVA 5	24-2	ļ
	VIVA 8		
	CEILING LOUDSPEAKERS MC 4EN	_	
	EVAC 5EN	ے د	4
	EVAC 5	ے ح	(
	EVAC 50X	ے ع	
	EVAC 50X	3	
	MC 4TA & MC 5T	37-3	
	MC 6T	3	2
	PC 3	3	ı
	PC 4HP	3	6
S	PCR 5T & PCR 8T	3	5
2	PC 5T & PC 8T	38-3	9
¥	PC 5TX & PC 8TX	.40-4	ĺ
LOUDSPEAKERS	PC 6T	4	
يق	LOW IMPEDANCE LOUDSPEAKERS		
2	PC 5X & PC 8X	лл_л	
5	PC 6 46	Λ	•
Q	PC 6HP	4	Ì
	WP5 & WP6	48-4	Ġ
	COLUMN LOUDSPEAKERS COM 20HP & COM 30HP		
	COM 20HP & COM 30HP	50-5	
	COM 20 & COM 40COM 320 & COM 340	.52-5	
	COM 320 & COM 340	.54-5	Ė
		EG E	
	COM 420 & COM 440	56-5	7
	COM SLIM 30	56-5	2
	COM SLIM 30	.56-5 5	8
	HORN LOUDSPEAKERS H 15	5 6	(
	HORN LOUDSPEAKERS H 15HQ 10EN	6 6	(
	COM SLIM 30  HORN LOUDSPEAKERS  H 15  HQ 10EN  HQ10, HQ15 & HQ30	6 6 6	1
	COM SLIM 30 HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50	6 6 6	(132
S	COM SLIM 30	6 6 6	(132
NICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X	6 6 6 .62-6 6	(1325
ONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X	6 6 6 .62-6 6	(1325
RONICS	COM SLIM 30	6 6 6 .62-6 6	(1325
CTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5	6 6 6 6	(1325
LECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5 POFESIONAL MUSIC LOUDSPEAKERS	6 6 .62-6 6	8 (13.4.5 67
ELECTRONICS	COM SLIM 30 HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5 POFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12	6 6 6 6	8 01322
ELECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP  PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 POWER BOX D12	6 6 .62-6 6	8 (1522) 67 89
ELECTRONICS	HORN LOUDSPEAKERS H 15	6 6 .62-6 6	8 (1522) 67 89
ELECTRONICS	HORN LOUDSPEAKERS H 15	6 6 6 6 6 	
ELECTRONICS	HORN LOUDSPEAKERS H 15	6 6 62-6 62-6 6 6	
ELECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SPEAKER BOX D12 SPEAKER BOX D13 SP 10 EN	6 6 6 6 6 6 6	
ELECTRONICS	HORN LOUDSPEAKERS H 15	666666666	
ELECTRONICS	COM SLIM 30	6666666677	
ELECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP  PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D13 SPEAKER BOX D14 SPEAKER BOX D15 SPEAKER BOX D16 SPEAKER BOX D17 SPEAKER BOX D18 SPEAKER BOX D18 SPEAKER BOX D19	6666666677	
ELECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 SPEAKER BOX D12	666666677	
ELECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SPHO 20 SPM 20 SPM 20 SPHERICAL LOUDSPEAKERS SL 20M	6666666677	
ELECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 SPEAKER BOX D12	6666666677	
ELECTRONICS	COM SLIM 30  HORN LOUDSPEAKERS H 15 HQ 10EN HQ10, HQ15 & HQ30 MH 50 MHQ 60X  POWER CABINET LOUDSPEAKERS POWER BOX 5 POWER BOX 5HP PROFESIONAL MUSIC LOUDSPEAKERS MUSIC BOX D12 POWER BOX D12 SPEAKER BOX D12 SPEAKER BOX D12 SPEAKER BOX D12 SPH 10 SPM 20 HP SPM 20 HP SPM 20 SPM 20 SPHERICAL LOUDSPEAKERS SL 20M SL 30	6666666677	
	COM SLIM 30	666666	
	COM SLIM 30	6 6 6 6 6 7 7	
	COM SLIM 30	6 6 6 6 6 7 7	
	COM SLIM 30	6 6 6 6 6 7 7 7	
ROPHONES ELECTRONICS	COM SLIM 30	66666	

AUDIO CABLES & CONNECTORS....

LOUDSPEAKERS ACCESSORIES MOUNTING HARDWARE.....

#### **COM Weatherproof Column Loudspeaker**

COM aluminium body outdoor column loudspeakers.

# COM 320 & COM 340

Wide frequency response and high sensitivity loudspeakers are used for speech and background music reproduction in large areas. Typical application: railway stations, subways, churches, factory buildings, warehouses and outdoor parking areas. Mainly designed for outdoor areas. **COM 320** utilises two 3"(76.2 mm) full range speakers and one 1"(25 mm) tweeter, **COM 340** has four 3"(76.2 mm) full range speakers and one 1"(25 mm) tweeter.

Technical Specifications	COM 320
Rated power	20 W
Transformer power taps	20 W - 10 W
Sensitivity	89 dB (1 W/1 m)
Maximum SPL	105 dB (Pmax/1 m) at 2440 Hz
Frequency response	135 Hz – 20 kHz
Dispersion at 1000 Hz	180° (H), 80° (V)
Protection	IP 66
Dimensions	370 mm × 110 mm x 97 mm
Driver dimensions	2 x 3" (76,2 mm) woofer, 1" (25,4 mm) tweeter
Weight	2,6 kg
Material	Aluminum
Colour	White (RAL 9016)

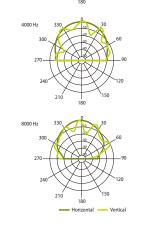
Technical Specifications	COM 340
Rated power	40 W
Transformer power taps	40 W - 20 W
Sensitivity	90 dB (1 W/1 m)
Maximum SPL	107 dB (Pmax/1 m) at 13335 Hz
Frequency response	135 Hz – 20 kHz
Dispersion at 1000 Hz	180° (H), 50° (V)
Protection	IP 66
Dimensions	545 mm × 110 mm x 97 mm
Driver dimensions	4 x 3" (76,2 mm) woofer, 1" (25,4 mm) tweeter
Weight	3,6 kg
Material	Aluminum
Colour	White (RAL 9016)





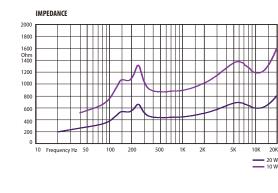
## COM **320**





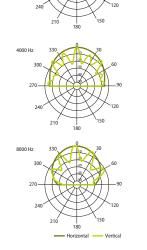
HORIZONTAL / VERTICAL POLAR DIAGRAMS

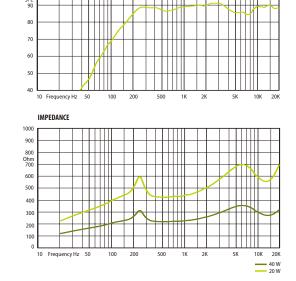
HORIZONTAL / VERTICAL POLAR DIAGRAMS











1	1	1	1
Ш	Ш	١	Ц
ų		_	Ļ

iSpeak	T, 5T & 61
iSpeak	5
	. 5
PS 6	
<b>EWAC</b> V	N 5
W3 & V	N 5 V10
W 10R	S
	302T/VIVA3-502T20
VIVAS-	3021/VIVA3-302120
VIVA 4	IP
VIVA 4	IP
VIVA 5	24
VIVA 8	•••••
CEILIN	G LOUDSPEAKERS
MC 4EI	V
EVAC E	EN
EVAC	EIN
EVAC	
EVAC 5	ox
EVAC 6	33
MC 4T	A & MC 5T3
MC 6T	
PC 3	
PC 4HF	·
PCR 5T	`& PCR 8T
PC 5T 8	& PC 8T3
PC 5TX	( & PC 8TX40
LOW II	MPEDANCE LOUDSPEAKERS
	& PC 8X44
PC 6 46	5
PC 6HF	·
<b>WP5</b> &	WP648
COLUN	MN LOUDSPEAKERS
COM 2	OHP & COM 30HP50
COM 2	0 & COM 4052
COM 3	20 & COM 34054
COM 4	20 & COM 44050
COM S	LIM 30
ПОВИ	LOUDSPEAKERS
LI 15	LOODSFEARENS
HO 10	EN
HO10	=N62 HQ15 & HQ3062
	AV
MHQ 6	UX
POWE	R CABINET LOUDSPEAKERS
POWE	R BOX 5
POWE	R BOX 5R BOX 5HP
	SIONAL MUSIC LOUDSPEAKERS
	BOX D12
POWE	R BOX D12
	ER BOX D12
COLINI	D PROJECTORS
300111	N
<b>SP 10 E</b>	
SP 10 E SP 10.	
SP 10 E SP 10.	) HP
SP 10 E SP 10 . SPM 20	
SP 10 E SP 10 . SPM 20 SPMB	) HP
SP 10 E SP 10 . SPM 20 SPMB SPM 20	O HP 10
SP 10 E SP 10 . SPM 20 SPMB SPM 20 SPHER	O HP 10 O
SP 10 E SP 10 . SPM 20 SPMB 5 SPM 20 SPHER SL 20M	O HP 10 O IICAL LOUDSPEAKERS
SP 10 E SP 10 . SPM 20 SPMB 5 SPM 20 SPHER SL 20M	O HP 10
SP 10 E SP 10 . SPM 20 SPMB S SPM 20 SPHER SL 20M SL 30	O HP 10 O IICAL LOUDSPEAKERS
SP 10 E SP 10 . SPM 20 SPMB SPM 20 SPHER SL 20M SL 30	O HP 10 O NICAL LOUDSPEAKERS 1
SP 10 E SP 10 . SPM 20 SPMB : SPM 20 SPHER SL 20M SL 30 SUBW0 SUB 10	O HP  10  NICAL LOUDSPEAKERS  1  OOFERS
SP 10 E SP 10 . SPM 20 SPMB : SPM 20 SPHER SL 20M SL 30 SUBW0 SUB 10	O HP 10 O NICAL LOUDSPEAKERS 1
SP 10 E SP 10 . SPM 20 SPMB : SPM 20 SPHER SL 20M SL 30 SUBW0 SUB 10 SUB 2.	O HP 10 O I OOFERS 00V
SP 10 E SP 10 . SPM 20 SPMB : SPM 20 SPHER SL 20M SL 30 SUBW0 SUB 10 SUB 2.	O HP
SP 10 E SP 10 . SPM 20 SPMB 20 SPHER SL 20M SL 30 SUBWI SUB 10 SUB 2. VOLUM VC 5R,	O HP  IO  ICAL LOUDSPEAKERS  OOFERS  OV  ME CONTROLS  VC 30R & VC 60R
SP 10 E SP 10 . SPM 20 SPMB 3 SPM 20 SPHER SL 20M SL 30 SUBWI SUB 10 SUB 2. VOLUM VC 5R, OFCFR	O HP

MOUNTING HARDWARE.....86-87

PAGE

#### **COM Weatherproof Column Loudspeakers**

COM aluminium body outdoor column loudspeakers

# COM 420 & COM 440

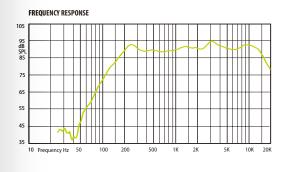
Wide frequency response and high sensitivity loudspeakers are used for speech and background music reproduction in large areas. Typical application: railway stations, subways, churches, factory buildings, warehouses and outdoor parking areas. Mainly designed for use in outdoor areas. **COM 420** has built-in two 4"(101.2 mm) full range speakers and one 1,5" (38,1 mm) tweeter, **COM 440** uses four 4"(101.2 mm) full range speakers and one 1,5" (38,1 mm) tweeter.



Technical Specifications	COM 420	COM440		
Rated power	20 W	40 W		
Transformer power taps	20 W - 10 W	40 W - 20 W		
Sensitivity	91 dB (1 W/1 m)	92 dB (1 W/1 m)		
Maximum SPL	108 dB (Pmax/1 m) at 2900 Hz	110 dB (Pmax/1 m) at 8414		
Frequency response	120 Hz – 20 kHz	120 Hz — 20 kHz		
Dispersion at 1000 Hz	180° (H), 60° (V)	180° (H), 140° (V)		
Protection	IP 66	IP 66		
Dimensions	425 mm × 150 mm x 125 mm	655 mm × 150 mm x 125 mm		
Driver dimensions	2 x 4" (101,2 mm) woofer, 1,5" (38,1 mm) tweeter	4 x 4" (76,2 mm) woofer, 1,5" (38,1 mm) tweeter		
Weight	3,9 kg	5,9 kg		
Material	Aluminum	Aluminum		
Colour	White (RAL 9016)	White (RAL 9016)		

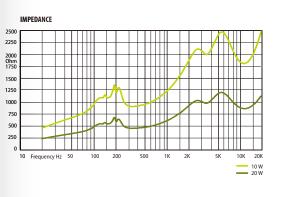


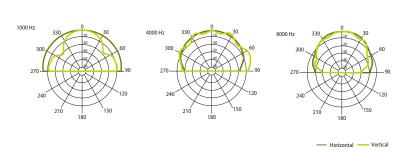
#### COM **420**



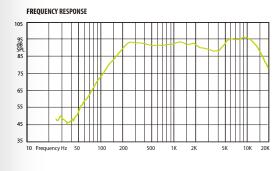


HORIZONTAL / VERTICAL POLAR DIAGRAMS

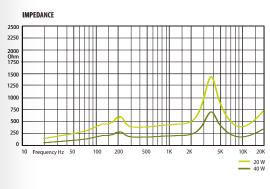




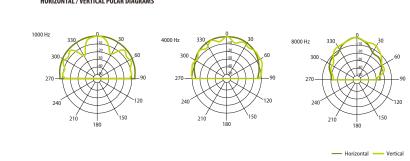
#### **COM 440**







AMC Product Catalogue - LOUDSPEAKERS



VIVA3-302T/VIVA3-502T... VIVA 4 .....

VIVA O
CEILING MC 4EN . EVAC 5 EVAC 5 EVAC 6 MC 4TA 8 MC 6T PC 3 PC 4HP PCR 5T & PC 5T & PC 5T & PC 5T
LOW IMP PC 5X & F PC 6 46 PC 6HP WP5 & W
COLUMN COM 20H COM 20 8 COM 320 COM 420 COM SLIM
HORN LO H 15 HQ 10EN HQ10, HO MH 50 MHQ 60X
POWER O POWER B POWER B
PROFESI MUSIC BO POWER B SPEAKER

/IVA 4IP /IVA 5 /IVA 8
EILING LOUI MC 4EN VAC 5EN VAC 50X VAC 6 VAC 6 MC 4TA & MC
VAC 5EN
VAC 5 VAC 50X
VAC 6 NC 4TA & MC
MC 6T
C 4HP
CR 5T & PCR C 5T & PC 8T
C 3 C 4HP CR 5T & PCR C 5T & PC 8T C 5TX & PC 8
OW HADED A
C 5X & PC 8X
OW IMPEDA C 5X & PC 8X C 6 46 C 6HP VP5 & WP6
OM 20HP & C
OM 320 & CO
OLUMN LOU OM 20HP & C OM 20 & COM OM 320 & CC OM 420 & CC OM SLIM 30
l 15 IQ 10EN
IORN LOUDS I 15 IQ 10EN IQ10, HQ15 & IH 50 IHQ 60X
1HQ 60X
OWER CABII OWER BOX 5 OWER BOX 5
OWER BOX 5
ROFESIONA MUSIC BOX D
MUSIC BOX DOWER BOX DOWER BOX
OUND PROJ

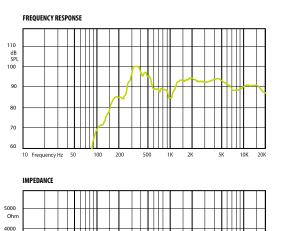
**MOUNTING HARDWARE...** 

#### **COM SLIM Column Loudspeakers**

COM SLIM 30 ultra slim body column loudspeaker appropriate for sensitive interiors with high reverberation time.

# COM SLIM 30

Slim body loudspeaker. The speaker is designed for use in the areas with high reverberation time, like churches, train stations or market halls. The speaker is elegant designed for very neutral appearance in the sensitive interiors. COM SLIM 30 is equipped with four 2" (51 mm) woofers, and one 2" (51 mm) tweeter. Mounting bracket is included.



30 W

30 W - 15 W - 7,5 W - 8 Ω

108 dB (Pmax / 1m) at 1995 Hz

405 mm x 75 mm x 69 mm

4 x 2" (50 mm) woofer, 1 x 1" (25 mm) tweeter

91 dB (1W/1m)

180 Hz - 18 kHz

140° (H), 80° (V)

1,7 kg

Aluminum

Rated power

Sensitivity

Protection

Dimensions

Material

Colour

Maximum SPL

Frequency response

Dispersion at 1000 Hz

Driver dimensions

Transformer power taps









**PA Systems** should be heard and not seen.



PC 4HP ....
PCR 5T & PCR 8T ....
PC 5T & PC 8T ....
PC 5TX & PC 8TX ....
PC 6T .....
LOW IMPEDANCE LOUDSPEAKERS

MC 4EN

MC 4TA & MC 5T

COM 320 & COM 340 ...... COM 420 & COM 440 ..... COM SLIM 30 ..... HORN LOUDSPEAKERS

**POWER BOX 5** 

HQ 10EN
HQ10, HQ15 & HQ30
MH 50
MHQ 60X
POWER CABINET LOUDSPEAKERS

PROFESIONAL MUSIC LOUDSPEAKERS
MUSIC BOX D12.....
POWER BOX D12 ......
SPEAKER BOX D12 .....

SOUND PROJECTORS
SP 10 EN.....SP 10

SPM 20 HP .....SPMB 10....SPM 20 ....SPHERICAL LOUDSPEAKERS

SL 20M ......SL 30.....

SUB 2.....

VOLUME CONTROLS
VC 5R, VC 30R & VC 60R .....
OFCFR 2x0.82 & OFCFR 2x

**MOUNTING HARDWARE..** 

AUDIO CABLES & CONNECTORS..

PAGE

White (RAL 9016)

COM SLIM 30

#### HORN LOUDSPEAKERS

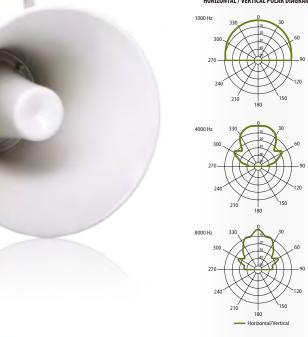
#### **H Aluminium Body Horn Loudspeakers**

H15 aluminium body outdoor 15W horn speaker with integrated 100V line transformer

H 15

Traditional design, robust construction and high SPL mean these horn speakers are ideal for use in large and medium-size public address and voice evacuation systems, where a high efficiency of speech announcements is required. Specific frequency bandwidth and high SPL makes them ideal for use in noisy environments.





20				ПП	ППП		ПП	Ш	7		
10				+++	HH		<del>\      </del>	+++	1		
00 IB SPL 90				$\parallel \downarrow$							
80				Ш	Ш			$\mathcal{N}$			Technical S
70				₩	Ш				Ą		Rated power
50		₩	1	+	Ш		+++	+++	$\exists$		Transformer
10			1		Ш						Sensitivity
10 Fre	quency Hz 50	100	200	500	1K	2K	5K	10K	20K		Maximum Sf
IMPED	****										_
IMPEL	PANCE										Frequency re
00	DANCE								7		Dispersion at
	DANCE										· ·
00	PANCE										Dispersion at
00 00 00 00	JANCE										Dispersion at Driver dimen
00 00 00 00 00 00 00 00 00 00 00 00 00	ANCE										Dispersion at Driver dimen Protections Dimensions
00 00 00 00 00 00	ANCE									3 W	Dispersion at Driver dimen Protections

Technical Specifications	H 15
Rated power	15 W
Transformer power taps at 100 V	15 W - 10 W - 5 W - 3 W
Sensitivity	103 dB (1 W/ 1 m)
Maximum SPL	118 dB (Pmax /1 m) at 1631 Hz
Frequency response	400 Hz – 8 kHz
Dispersion at 1000 Hz	140° conical
Driver dimensions	2"(50mm)
Protections	IP 65
Dimensions	ø200 mm x 241 mm
Weight	1,3 Kg
Material	Aluminum horn and U type bracket
Colour	White (RAL 9018)

#### **HORN LOUDSPEAKERS**

## **HQ Voice Evacuation Plastic Horn Loudspeakers EN54-24 certified**

HQ 10EN robust high SPL outdoor horn loudspeaker certified according to EN54-24 standard.

# HQ 10EN

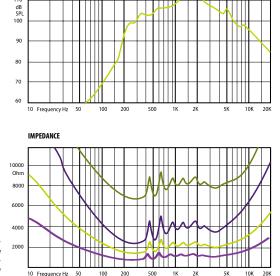
HQ 10EN is designed for use in voice evacuation and voice alarm applications for clear and intelligible voice announcements. 105 dB sensitivity allows to use these horn speakers in noisy and large environments. Built-in ceramic terminal and thermal fuse ensuring faultless operation in case of an emergency situation. Horn speaker is certified by Intertek.



Technical Specifications	HQ 10EN
Rated power	10 W
Transformer power taps	10 W - 5 W - 2,5 W - 1,25 W
Sensitivity	105 dB (1 W/1 m)
Maximum SPL	115 dB (Pmax/1 m) at 1 kHz
Frequency response	340 Hz — 16 kHz
Dispersion at 1000 Hz	80° (H) x 105° (V)
Protection	IP 33
Dimensions	172 mm × 131 mm x 227 mm
Weight	1,6 kg
Material	Plastic horn, U type steel bracket
Colour	Light grey (RAL 7035)

AMC Product Catalogue - LOUDSPEAKERS

# HORIZONTAL / VERTICAL POLAR DIAGRAM 1000 Hz 300 270 4000 Hz 300 227 4000 Hz 300 220 4000 Hz 3000 Hz 3000



	CABINET LOUDSPEAKERS	
	iPlay 4T, 5T & 612-	
_	iSpeak 5	1
IN I RODUCIION	iSpeak 6 PS 6	
	EWACW 5	1
$\sum_{i=1}^{n}$	W3 & W10	
5	W 10RSVIVA3-302T/VIVA3-502T20-	ļ
<b>Y</b>	VIVA 4	2
Z	VIVA 4IP	2
	VIVA 524-	
		2
	CEILING LOUDSPEAKERS MC 4EN	2
	EVAC 5EN	2
	EVAC 5	
	EVAC 50X	3
	EVAC 6	2
	MC 6TPC 3	3
	PC 3 PC 4HP	3
S	PCR 5T & PCR 8T	3
OUDSPEAKERS	PC 5T & PC 8T38-	3
<b>Y</b>	PC 5TX & PC 8TX40-	
у П	PC 6T	4
2	LOW IMPEDANCE LOUDSPEAKERS PC 5X & PC 8X44-	1
$\mathbf{\bar{z}}$	PC 6 46	4
2	PC 6HP	4
	WP5 & WP648-	4
	COLUMN LOUDSPEAKERS COM 20HP & COM 30HP50-	_
	COM 20HP & COM 30HP50-	È
	COM 320 & COM 34054-	5
	COM 420 & COM 44056-	
	COM SLIM 30	E
	HORN LOUDSPEAKERS H 15	6
	HO 10EN	6
	HQ10, HQ15 & HQ3062-	6
	MH 50 MHQ 60X	6
ELEC I RONICS	POWER CABINET LOUDSPEAKERS	
Z	POWER CABINET LOUDSPEAKERS POWER BOX 5	6
¥	POWER BOX 5POWER BOX 5HP	6
יי	PROFESIONAL MUSIC LOUDSPEAKERS	
ij	MUSIC BOX D12	6
	POWER BOX D12SPEAKER BOX D12	7
	SOUND PROJECTORS	
	SP 10 EN	7
	SP 10	7
	SPM 20 HPSPMB 10	7
	SPM 20	
	SPHERICAL LOUDSPEAKERS	
	SL 20M	7
	SL 30	7
	SUBWOOFERS	
S	SUB 100V	
Z	SUB 2	8
I	VOLUME CONTROLS	
7	VC 5R, VC 30R & VC 60R OFCFR 2x0.82 & OFCFR 2x1.5	8
MICKOPHONES	TCB 2 Table Connection Box	8
	AUDIO CABLES & CONNECTORS	8
	LOUDSDEAVEDS ACCESSORIES	

PAGE

MOUNTING HARDWARE.....86-87

#### HORN LOUDSPEAKERS

#### **HQ Plastic Horn Loudspeakers**

HQ - reliable and powerful outdoor horn loudspeaker.

# HQ10, HQ15 & HQ30

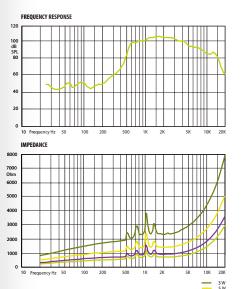
Improved quality plastic horn speakers with extremely high SPL and a powerful middle range frequency response. Well suited for indoor and outdoor installation. For voice evacuation and paging systems. With U-mounting bracket.

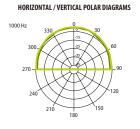


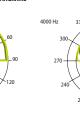
Technical Specifications	HQ 10	HQ 15	HQ 30
Rated power	10 W	15 W	30 W
Transformer power taps	10 W - 5 W	15 W - 7,5 W	30 W - 15 W
Sensitivity	103 dB (1 W/1 m)	105 dB (1 W/1 m)	105 dB (1 W/1 m)
Maximum SPL	116 dB (Pmax/1 m) at 1412 Hz	117 dB (Pmax/1 m) at 1815 Hz	120 dB (Pmax/1 m) at 1249 Hz
Frequency response	500 Hz – 8 kHz	400 Hz — 5 kHz	400 Hz — 6 kHz
Dispersion at 1000 Hz	140° (H), 90° (V)	140° (H), 90° (V)	140° (H), 90° (V)
Protection	IP 65	IP 66	IP 66
Dimensions	190 mm × 180 mm x 130 mm	222 mm × 162 mm x 232 mm	285 mm × 280 mm x 205 mm
Weight	1,1 kg	1,4 kg	1,8 kg
Material	Plastic horn,U type steel bracket	ABS plastic, U type steel bracket	ABS plastic, U type steel bracket
Colour	White (RAL 9018)	White (RAL 9018)	White (RAL 9018)

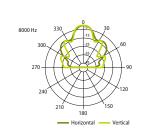


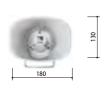
#### HQ 10







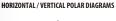


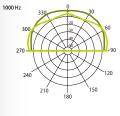


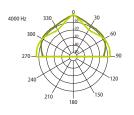


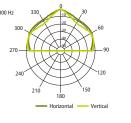


#### HQ 15



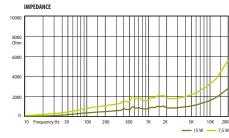




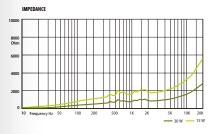




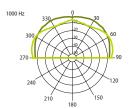




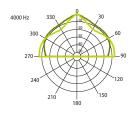
#### HQ 30



AMC Product Catalogue - LOUDSPEAKERS



HORIZONTAL / VERTICAL POLAR DIAGRAMS







CABINET LOUDSPEAKERS	
iPlay 4T, 5T & 612-	
iSpeak 5	
iSpeak 6	
PS 6	
EWACW 5	
W3 & W10	
W 10RSVIVA3-302T/VIVA3-502T20-	
VIVA 4	Š
VIVA 4IP	
VIVA 524	Ž
VIVA 8	į
CENTING LOUIDEDEAKEDS	
CEILING LOUDSPEAKERS	
MC 4EN	
EVAC 5EN	2
EVAC 5	Ź
EVAC 50X	1
EVAC 6	
MC 4TA & MC 5T32-	
MC6T	
PC3	
PC 4HP	
PCR 5T & PCR 8T	B
PC 5T & PC 8T38	
PC 5TX & PC 8TX40-	-4
PC 6T	
LOW IMPEDANCE LOUDSPEAKERS	
LOW IMPEDANCE LOUDSPEAKERS	
PC 5X & PC 8X44	-4
PC 6 46	
PC 6HP	
WP5 & WP648-	
COLUMN LOUDSPEAKERS	
COM 20HP & COM 30HP50-	
COM 20 & COM 4052-	ł
COM 320 & COM 34054-	į
COM 420 & COM 44056-	į
COM SLIM 30	
HORN LOUDSPEAKERS	
H 15	
HQ 10EN	
HQ10, HQ15 & HQ3062-	-(
MH 50	í
MHQ 60X	ì
POWER CABINET LOUDSPEAKERS	
POWER BOX 5POWER BOX 5HP	
POWER BOX 5HP	(
PROFESIONAL MUSIC LOUDSPEAKERS	
MUSIC BOX D12	
POWER BOX D12	
SPEAKER BOX D12	5
SOUND PROJECTORS	
SP 10 EN	Z
SP 10	Ž
SPM 20 HP	Ž
SPMB 10	į
SPM 20	
SPHERICAL LOUDSPEAKERS	
SL 20M	į
SL 30	5
SUBWOOFERS	
SUB 100V	ſ
30D 100V	
SUB 2	1
SUB 2	8
VOLUME CONTROLS	8
SUB 2	8

## **MOUNTING HARDWARE...**

#### HORN LOUDSPEAKERS

#### MH Two-Way Plastic Horn Loudspeakers

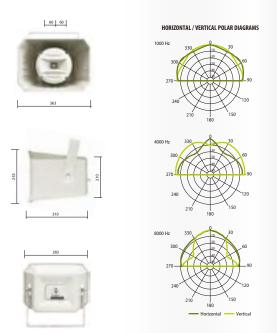
Waterproof horn loudspeaker with extremely wide frequency response and high SPL level.

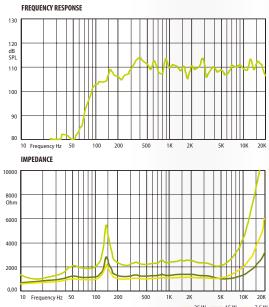
## MH 50

Wide frequency response allows this speaker to be used for background music. Built-in 100V transformer with power taps and  $8\Omega$  input selection, grey colour body, U-mount included. For indoor and outdoor use, where background music is a priority.



Technical Specifications	MH 50
Rated power	50 W (8 Ω)
Transformer power taps	50 W - 25 W - 12,5 W - 8 Ω
Sensitivity	99 dB (1 W/1 m)
Maximum SPL	115 dB (Pmax/1 m) at 2715 Hz
Frequency response	90 Hz — 20 kHz
Dispersion at 1000 Hz	110° (H), 70° (V)
Protection	IP 55
Dimensions	363 mm × 253 mm x 310 mm
Weight	3,9 kg
Material	ABS plastic, U type aluminum bracket
Colour	Cold grey (RAL 7035)





#### HORN LOUDSPEAKERS

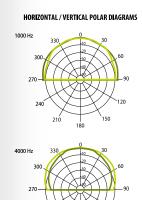
## **MHQ Two-Way Plastic Horn Loudspeakers**

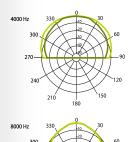
Music horn loudspeaker with wide frequency response and improved protection against water and dust.

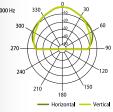


2-way plastic music horn loudspeakers with high SPL and improved linearity. Engineered to provide the highest quality music and speech reproduction, where long throw in large areas is required.

MHQ is a reliable and powerful horn speaker with built-in 100V transformer with power taps.







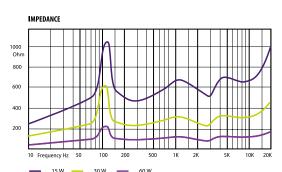
AMC Product Catalogue - LOUDSPEAKERS





#### 60 W Rated power 60 W - 30 W - 15 W Transformer power taps 93 dB (1W/1m) Sensitivity 115 dB (Pmax/1m) at 1496 Hz Maximum SPL 98 Hz - 18 kHz Frequency response Dispersion at 1000 120° (H), 80° (V) IP 66 Protection $367 \,\mathrm{mm} \times 255 \,\mathrm{mm} \,\mathrm{x} \,293 \,\mathrm{mm}$ **Dimensions** Weight 6,2 kg Material ABS plastic, U type aluminum bracket Light grey (RAL 7035) Colour

# 1100 dB SPL 1000 100 Frequency Hz 50 100 200 500 1K 2K 5K 10K 2



## AMC

iDlay AT FT	& 6	13
iSneak 5	œ 0	12
iSpeak 5		
PS 6		
EWACW 5		
W3 & W10.		
W 10RS	•••••	
VIVA3-3021	T/VIVA3-502T	20
VIVA 4	•••••	
VIVA 4IP		
	••••••	
	••••••	
<b>CEILING LO</b>	UDSPEAKERS	
MC 4EN	•••••	
EVAC 5EN	•••••	
EVAC 50X	••••••	
EVAC 6	IC 5T	
MC 4TA & N		52
DC 3	••••••	
PC 4HP	••••••	
PCR 5T & PC	R 8T	
PC 5T & PC	BT	38
PC 5TX & PC	8TX	40
	•••••	
I OW IMPER	DANCE LOUDSPEAKER	25
PC 5X & PC	8X	44
	······································	
PC 6HP		
WP5 & <u>WP6</u>	•••••	48
	OUDSPEAKERS	
COLUMN LO	& COM 30HP	50
	OM 40	
COM 320 & C	COM 340	54
COM 420 &	COM 440	56
	30	
HORN LOW	DSPEAKERS	
HQ 10EN		
HQ10, HQ1	5 & HQ30	62
MH 50		
MHQ 60X		
	BINET LOUDSPEAKER	
POWER BOX	( 5 ( 5HP	
	NAL MUSIC LOUDSPE	
POWER ROY	D12 ( D12	
	OX D12	
SOUND PRO	DJECTORS	
SP 10 EN		
SPHERICAL	. LOUDSPEAKERS	
SL 20M		
SL 30	••••••	
SUBWOOFI	ERS	
<b>SUB 100V</b>	•••••	
	•••••	
VOLUME CO	ONTROLS	
	OR & VC 60R	
OFCER 2x0	82 & OFCFR 2x1.5	
Table Till	Connection Box	
TCB 2 Table	CONNECTION DOX	
TCB 2 Table AUDIO CAR	LES & CONNECTORS	
<b>AUDIO CAB</b>	LES & CONNECTORS	

**MOUNTING HARDWARE.....** 

#### **POWERED CABINET LOUDSPEAKERS**

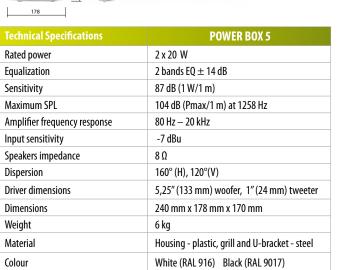
#### **POWER BOX 5 Powered Systems**

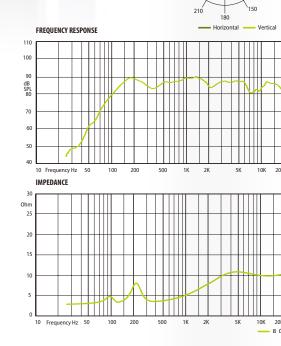
Powered small size speaker boxes for installed sound applications.

# POWER BOX 5

Power Box 5 is a set of 2 loudspeakers: a powered loudspeaker with a built-in stereo amplifier and a non-powered loudspeaker ready to be connected to the powered loudspeaker. 5.25" woofer and 1" tweeter, tone control, stereo/ mono switch. U-mounting bracket is included in the set. Perfect choice for small installations in a classroom, or for communication and paging systems. Available in two colours: RAL9016 (white) and RAL9017 (black).







HORIZONTAL / VERTICAL POLAR DIAGRAMS

#### **POWERED CABINET LOUDSPEAKERS**

## **POWER BOX 5HP Powered Systems**

Powered small size speaker boxes for installed sound applications.

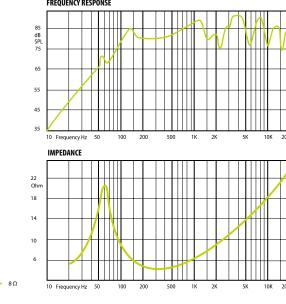


# POWER BOX 5HP

Power Box 5HP is high performance active speaker system with the amplifier built into the main speaker, while other one loudspeaker is passive and connected as a slave unit. For production of these speakers have been used high quality materials. Bass, treble and volume control with direct access on the loudspeakers rear. U-bracket for mounting on the wall and IR remote control are included. This system is a good choice for small installations in classrooms and for use in communication and paging systems.



Technical Specifications	POWER BOX 5HP
Rated power	2 x 20 W
Equalization	2 bands EQ ± 14 dB
Sensitivity	85 dB (1W / 1m)
Maximum SPL	98 dB (Pmax / 1m) at 4097 Hz
Frequency response	115 Hz - 20 kHz
Input sensitivity	-3 dBu
Speakers impedance	6 Ω
Dispersion 1000 Hz	120° (H), 100°(V)
Driver dimensions	5" (127 mm) woofer, 1" (25 mm) tweeter
Dimensions	230 mm x 145 mm x 145 mm
Weight	3,45 kg
Material	Housing - plastic, U type mounting bracket - steel
Colour	White (RAL 9003)



CABINET LOUDSPEAKERS	
iPlay 4T, 5T & 6	1
iSpeak 5	
iSpeak 6	
PS 6	
EWACW 5	
W3 & W10	
W 10RS	
VIVA3-302T/VIVA3-502T	
VIVA 4	
VIVA 4IP	
VIVA 5	
CEILING LOUDSPEAKERS	
CEILING LOUDSPEAKERS MC 4EN	
CEILING LOUDSPEAKERS MC 4ENEVAC 5EN	
CEILING LOUDSPEAKERS MC 4ENEVAC 5ENEVAC 5	
CEILING LOUDSPEAKERS MC 4EN	
CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5 EVAC 50X EVAC 6	
CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5. EVAC 50X EVAC 6. MC 4TA & MC 5T	
CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5. EVAC 50X EVAC 6. MC 4TA & MC 5T MC 6T	
CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5 EVAC 50X EVAC 6 MC 4TA & MC 5T MC 6T PC 3	.3
CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5. EVAC 50X EVAC 6. MC 4TA & MC 5T MC 6T PC 3. PC 4HP	3
CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5 EVAC 50X EVAC 6 MC 4TA & MC 5T MC 6T PC 3	.32

COM 20 & COM 40
COM 320 & COM 340
COM 420 & COM 440
COM SLIM 30
HORN LOUDSPEAKERS
H 15
HQ 10EN
HQ10, HQ15 & HQ30
MH 50
MUOCOV

LOW IMPEDANCE LOUDSPEAKERS

<b>POWER BOX</b>	5
<b>POWER BOX</b>	5HP
DDOFFCION	AL MUSICI OUDCDEAKED
	AL MUSIC LOUDSPEAKERS
<b>MUSIC BOX</b>	D12
DOWED DOV	D12

POWER CABINET LOUDSPEAKERS

SPEAKER BOX D12	
SOUND PROJECTORS	
SP 10 EN	

SP 10
SPM 20 HP
SPMB 10
SPM 20
CDUEDICAL LOUDCDEAVEDS

SL 20M
SL 30
SUBWOOFERS

۲	SUB 2
<u>o</u>	VOLUME CONTROLS
폾	VC 5R, VC 30R & VC 6

VC 5R, VC 30R & VC 60R	
OFCFR 2x0.82 & OFCFR 2x1.5	
TCB 2 Table Connection Box	
AUDIO CABLES & CONNECTORS	

#### **MUSIC BOX Powered loudspeakers**

Powered plastic enclosure loudspeakers.

# MUSIC BOX D12

Music box D12 two-way 12" active plastic enclosure loudspeaker with built in USB, SD/MMC player and IR remote control. Tone control. Clip, signal and power indication. 12" woofer and 1.5" tweeter. Built in passive crossover. Class D amplifiers power: 150W, frequency response: 45 Hz - 20 kHz. USB flash drive and SD/MMC card player supports compressed audio files. Balanced microphone input and line input. Light plastic cabinet with hanging support eyelets, pole socket for speaker stand, black colour.







Amplifier frequency response 45 Hz – 20 kHz  Crossover frequency 3,5 kHz  Input sensitivity Microphone input: -42 dB, line input: -10 dB  Input impedance Microphone input: 3,6 kΩ, line input: 10 kΩ  Signal to noise ratio > 65 dB  THD < 1 % on the rated power output  LF speakers sensitivity 94 dB (1W/1m)  HF speakers sensitivity 104 dB (1W/1m)  Maximu SPL 120 dB  Speakers impedance 8 Ω  Dispersion 130° (H), 60° (V)  Driver size 12″ (300 mm) woofer, 1,5″ (38 mm) tweeter  Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight 15 kg	210 180	240					2			AME					Ju .
Rated power 150 W  Equalization 2 bands EQ ± 15 dB  Amplifier frequency response 45 Hz – 20 kHz  Crossover frequency 3,5 kHz  Input sensitivity Microphone input: -42 dB , line input: -10 dB Input impedance Microphone input: 3,6 kΩ , line input: 10 kΩ  Signal to noise ratio > 65 dB  THD < 1 % on the rated power output  LF speakers sensitivity 94 dB (1W/1m)  HF speakers sensitivity 104 dB (1W/1m)  Maximu SPL 120 dB  Speakers impedance 8 Ω  Dispersion 130° (H), 60° (V)  Driver size 12″ (300 mm) woofer, 1,5″ (38 mm) tweeter  Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight 15 kg	330 0		4000		0	96	90	0	00	1		( D12	MUSIC BOX D12	<del> </del>	<del></del>
Amplifier frequency response Crossover frequency 3,5 kHz Input sensitivity Microphone input: -42 dB , line input: -10 dB Input impedance Microphone input: 3,6 kΩ , line input: 10 kΩ Signal to noise ratio > 65 dB THD 4 1% on the rated power output UF speakers sensitivity 94 dB (1W/1m)  Maximu SPL 120 dB Speakers impedance 8 Ω Dispersion 130° (H), 60° (V) Driver size 12" (300 mm) woofer, 1,5" (38 mm) tweeter Dimensions 615 mm x 400 mm x 320 mm Music sources USB fash, SD/MMC card Material Housing - plastic, grill - steel Weight  Microphone input: -10 dB  **Spoot **Comparison** **Spoot	+	270		2	-	-	-	36	00	1			150 W		
Crossover frequency Input sensitivity Microphone input: -42 dB , line input: -10 dB Input impedance Microphone input: 3,6 kΩ , line input: 10 kΩ Signal to noise ratio > 65 dB  THD  < 1% on the rated power output  LF speakers sensitivity 94 dB (1W/1m)  HF speakers sensitivity 104 dB (1W/1m)  Maximu SPL 120 dB  Speakers impedance 8 Ω  Dispersion 130° (H), 60° (V)  Driver size 12″ (300 mm) woofer, 1,5″ (38 mm) tweeter  Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight  Microphone input: -10 dB  3300  **TREQUENCY RESPONSE**  **TREQUENCY RESPONS	·XX	240											2 bands EQ ± 15 dB		Equalization
Input sensitivity  Microphone input: -42 dB , line input: -10 dB  Input impedance  Microphone input: 3,6 kΩ , line input: 10 kΩ  Signal to noise ratio  >65 dB  THD  <1% on the rated power output  LF speakers sensitivity  94 dB (1W/1m)  HF speakers sensitivity  104 dB (1W/1m)  Maximu SPL  120 dB  Speakers impedance  8 Ω  Dispersion  130° (H), 60° (V)  Driver size  12" (300 mm) woofer, 1,5" (38 mm) tweeter  Dimensions  615 mm x 400 mm x 320 mm  Music sources  USB fash, SD/MMC card  Material  Housing - plastic, grill - steel  Weight	210 180												45 Hz – 20 kHz	cy response	Amplifier frequency
Input sensitivity  Microphone input: -42 dB , line input: -10 dB Input impedance  Microphone input: 3,6 kΩ , line input: 10 kΩ  Signal to noise ratio  > 65 dB  THD  < 1% on the rated power output  LF speakers sensitivity  94 dB (1W/1m)  HF speakers sensitivity  104 dB (1W/1m)  Maximu SPL  Speakers impedance  8 Ω  Dispersion  130° (H), 60° (V)  Driver size  12" (300 mm) woofer, 1,5" (38 mm) tweeter  Dimensions  615 mm x 400 mm x 320 mm  Music sources  USB fash, SD/MMC card  Material  Housing - plastic, grill - steel  Weight	330 I	u.	9000										3,5 kHz	су	Crossover frequency
Signal to noise ratio > 65 dB  THD < 1 % on the rated power output  LF speakers sensitivity 94 dB (1W/1m)  HF speakers sensitivity 104 dB (1W/1m)  Maximu SPL 120 dB  Speakers impedance 8 Ω  Dispersion 130° (H), 60° (V)  Driver size 12″ (300 mm) woofer, 1,5″ (38 mm) tweeter  Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight 15 kg	0 20		8000									line input: -10 dB	Microphone input: - 42 dB , line i		Input sensitivity
Signal to noise ratio > 65 dB  THD < 1 % on the rated power output  LF speakers sensitivity 94 dB (1W/1m)  HF speakers sensitivity 104 dB (1W/1m)  Maximu SPL 120 dB  Speakers impedance 8 Ω  Dispersion 130° (H), 60° (V)  Driver size 12″ (300 mm) woofer, 1,5″ (38 mm) tweeter  Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight 15 kg	14	- T										ine input: 10 kΩ	Microphone input: 3,6 k $\Omega$ , line in		Input impedance
LF speakers sensitivity  HF speakers sensitivity  104 dB (1W/1m)  Maximu SPL  120 dB  Speakers impedance  8 Ω  Dispersion  130° (H), 60° (V)  Driver size  12" (300 mm) woofer, 1,5" (38 mm) tweeter  Dimensions  615 mm x 400 mm x 320 mm  Music sources  USB fash, SD/MMC card  Material  Housing - plastic, grill - steel  Weight	TVX	270											> 65 dB	io	Signal to noise ratio
HF speakers sensitivity  Maximu SPL  120 dB  Speakers impedance  8 Ω  Dispersion  130° (H), 60° (V)  Driver size  12" (300 mm) woofer, 1,5" (38 mm) tweeter  Dimensions  615 mm x 400 mm x 320 mm  Music sources  USB fash, SD/MMC card  Material  Housing - plastic, grill - steel  Weight	X	240										utput	< 1 % on the rated power output		THD
Maximu SPL         120 dB           Speakers impedance         8 Ω           Dispersion         130° (H), 60° (V)           Driver size         12″ (300 mm) woofer, 1,5″ (38 mm) tweeter           Dimensions         615 mm x 400 mm x 320 mm           Music sources         USB fash, SD/MMC card           Material         Housing - plastic, grill - steel           Weight         15 kg	210												94 dB (1W/1m)	vity	LF speakers sensitivi
Speakers impedance       8 Ω         Dispersion       130° (H), 60° (V)         Driver size       12" (300 mm) woofer, 1,5" (38 mm) tweeter         Dimensions       615 mm x 400 mm x 320 mm         Music sources       USB fash, SD/MMC card         Material       Housing - plastic, grill - steel         Weight       15 kg	Horizo												104 dB (1W/1m)	ivity	HF speakers sensitivi
Speakers impedance         8 Ω           Dispersion         130° (H), 60° (V)           Driver size         12″ (300 mm) woofer, 1,5″ (38 mm) tweeter           Dimensions         615 mm x 400 mm x 320 mm           Music sources         USB fash, SD/MMC card           Material         Housing - plastic, grill - steel           Weight         15 kg							E	PONS	ICY RES	FREQUE			120 dB		Maximu SPL
Dispersion 130° (H), 60° (V)  Driver size 12" (300 mm) woofer, 1,5" (38 mm) tweeter  Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing – plastic, grill – steel  Weight 15 kg			П										8Ω	ice	Speakers impedance
Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight 15 kg	77		⇈	7	$\blacksquare$		/						130° (H), 60° (V)		Dispersion
Dimensions 615 mm x 400 mm x 320 mm  Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight 15 kg			Ш	П			7	$\parallel$				38 mm) tweeter	12" (300 mm) woofer, 1,5" (38 m		Driver size
Music sources USB fash, SD/MMC card  Material Housing - plastic, grill - steel  Weight 15 kg			Ħ	П				$/\!\!\!\!/$	1.		80	n	615 mm x 400 mm x 320 mm		Dimensions
Weight 15 kg			Ħ	Ш	$\top$	П	Ш		$\neg$		70		USB fash, SD/MMC card		Music sources
weight 15 kg			$^{\dagger\dagger}$	Ш	+	$\vdash$		$\dagger$	+		60	I	Housing - plastic, grill - steel		Material
			#	$\forall$	+	$\vdash$	Ш	+			50		15 kg		Weight
Colour Black (RAL 9017)  10 FrequencyHz 50 100 200 500 1K	2K	1K	Ш	500	200	00	Ш	50	ency Hz	0 Frequ	40 L		Black (RAL 9017)		Colour

#### PROFESSIONAL MUSIC LOUDSPEAKERS

#### **POWER BOX Powered Loudspeakers**

12" 150W powered speaker system with integrated class D power amplifier.



## POWER BOX D12

A modern cabinet design, giving clear and powerful sound reproduction. 2 band EQ, line and microphone inputs, power and peak LED indicators provide for easy control and set up of the sound system.





POWER BOX D12

Microphone input: - 42 dB , line input: -10 dB

Microphone input: 3,6 k $\Omega$  , line input: 10 k $\Omega$ 

12" (300 mm) woofer, 1,5" (38 mm) tweeter

< 1 % on the rated power output

615 mm x 400 mm x 320 mm Housing - plastic, grill - steel

150 W

230 W

3,5 kHz

 $> 65 \, dB$ 

8Ω

94 dB (1W/1m)

104 dB (1W/1m)

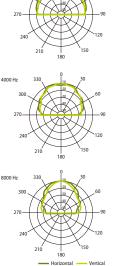
130° (H), 60° (V)

Black (RAL 9017)

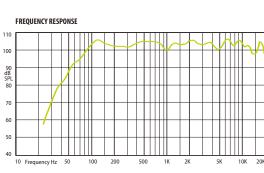
2 bands EQ  $\pm$  15 dB

60 Hz - 20 kHz





HORIZONTAL / VERTICAL POLAR DIAGRAMS



MC 4TA & MC 5T PCR 5T & PCR 8T. LOW IMPEDANCE LOUDSPEAKERS

VIVA3-302T/VIVA3-502T.

MC 4EN EVAC 5EN EVAC 5.....

COM 420 & COM 440. COM SLIM 30 ..

HQ10, HQ15 & HQ30. MH 50.....

**POWER BOX 5 POWER BOX 5HP.** 

> PROFESIONAL MUSIC LOUDSPEAKE MUSIC BOX D12... **SPEAKER BOX D12..**

SP 10 EN...

SPHERICAL LOUDSPEAKERS

**AUDIO CABLES & CONNECTORS.** 

**MOUNTING HARDWARE..** 

HORIZONTAL / VERTICAL POLAR DIAGRAMS

Rated power

Equalization

Crossover frequency

Input sensitivity

Input impedance

Signal to noise ratio

LF speakers sensitivity

HF speakers sensitivity

Speakers impedance

Dispersion

Driver size Dimensions

Material

Colour

AC power consumption on rated power

Amplifier frequency response

#### PROFESSIONAL MUSIC LOUDSPEAKERS

#### **SPEAKER BOX**

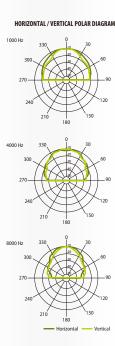
Passive plastic enclosure loudspeakers.

# SPEAKER BOX D12

Speaker box D12 two-way 12" passive plastic enclosure loudspeaker. Light plastic cabinet with hanging support eyelets. Pole socket for speaker stand, 12" woofer and 1.5" tweeter,  $8\Omega$  impedance. Internal 2-way crossover allows to connect these loudspeakers to the amplifiers without any sound processing. Speakon input and link connectors. Black colour cabinet with perforated metal grill. Speaker Box D12 is designed for mobile and fixed applications and it is an ideal choice for small clubs and meeting rooms.









Technical Specifications	SPEAKER BOX D12
Rated power	230 W
Sensitivity	96 dB (1W/1m)
Impedance	8 Ω
Frequency response	50 Hz — 18 KHz
Dispersion	180° (H) x 120° (V)
Driver size	12" (300 mm) woofer, 1,5" (38 mm) tweeter
Connectors	4 pole speakon
Weight	13 kg
Dimensions	615 mm x 400 mm x 320 mm
Material	Housing - plastic, grill - steel
Colour	Black (RAL 9017)

		П	Ť	Ť	t,	1	1		F	Ħ	Ť	Ħ	$\downarrow$	t	<u></u>	J	1	٧	1	1
		Н	1	7	1						$\dagger$	H					t	H		Ť
			1	T													T	П		
		//	Ť	Ť	Ť		T			П	Ť	Ħ		T	Т	П	Ť	Ħ	T	
	+/	$\Box$	$\dagger$	t	t		t			Н	$^{+}$	H		t	H	Н	+	H	Ħ	
·		ш	4	+	1	_	$\perp$	_	ш	Ц	+	Щ	Ш.	╄	╙	Ц	4	Н	Щ	



#### **SOUND PROJECTORS**

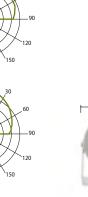
### **SP Voice Evacuation Projector EN54-24 Certified**

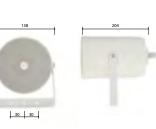
Voice evacuation sound projectors with built-in 100V line transformer, ceramic terminal, thermal fuse, certified according to EN54-24 standard.

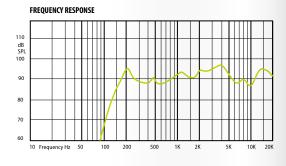
## SP 10EN

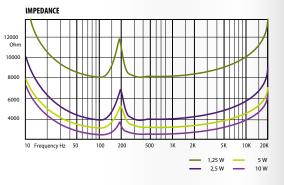
SP 10EN is designed for use in the voice evacuation and paging applications. The clear and intelligible voice announcements will follow installation of these speakers in any application. U-bracket for mounting and position adjustment of the speaker is included in the delivery. The sound projectors are equipped with ceramic terminal and thermal fuse. The speakers are certified according to EN54-24 standard by Intertek.











<b>Technical Specifications</b>	SP 10EN	
Rated power	10 W	
Transformer power taps 10 W - 7,5 W - 5 W - 2,5 W -		
Sensitivity	90 dB (1W / 1m)	
Maximum SPL	100 dB (Pmax / 1m) at 1 kHz	
Frequency response	120 Hz — 18 kHz	
Dispersion at 1000	103° (H), 109 (V)	
Protection	IP 33	
Dimensions	ø 138 mm x 204 mm	
Weight	1,3 kg	
Material	Plastic housing with aluminium grill, stainless steel U bracket	
Colour	White (RAL 9016)	

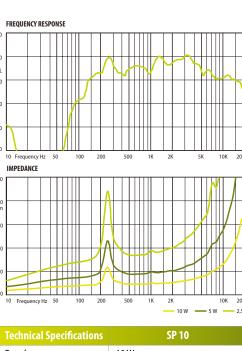
### **SP Plastic Body Sound Projectors**



SP 10 is a plastic bodied sound projector used to provide high quality sound reproduction for music and speech, IP55 rated for heavy environmental conditions. For use in supermarkets, warehouses, factory buildings, railway stations, car parking areas and pools, wherever clear, high-quality directional sound is required.



AMC Product Catalogue - LOUDSPEAKERS



Technical Specifications	SP 10
Rated power	10 W
Transformer power taps	10 W - 5 W - 2,5 W
Sensitivity	91 dB (1 W/1 m)
Maximum SPL	101 dB (Pmax/1 m) at 3227 Hz
Frequency response	130 Hz – 15 kHz
Dispersion at 1000 Hz	130° conical
Protection	IP 55
Dimensions	ø 138 mm $\times$ 205 mm
Weight	1,6 kg
Material	ABS plastic, stainless U bracket
Colour	White (RAL 9016), black (RAL 9017)
Sensitivity Maximum SPL Frequency response Dispersion at 1000 Hz Protection Dimensions Weight Material	91 dB (1 W/1 m)  101 dB (Pmax/1 m) at 3227 Hz  130 Hz – 15 kHz  130° conical  IP 55  Ø 138 mm × 205 mm  1,6 kg  ABS plastic, stainless U bracket

#### **SOUND PROJECTORS**

Advanced design sound projectors with built-in 100V line transformer.



INTRODUCTION	CABINET LOUDSPEAKERS iPlay 4T, 5T & 6 iSpeak 5 iSpeak 6 PS 6 EWACW 5 W 10RS VIVA3-302T/VIVA3-502T VIVA 4 VIVA 4IP VIVA 5 VIVA 8 CEILING LOUDSPEAKERS MC 4EN EVAC 5EN EVAC 5
LOUDSPEAKERS	EVAC 50X
ELECTRONICS	HORN LOUDSPEAKERS H 15
MICROPHONES	SPM 20

Z
0
E
3
5

	iSpeak 5
Z	iSpeak 6
NIKODUCIION	PS 6
5	EWACW 5
Ž	W3 & W10
	W 10RS
ž	VIVA3-302T/VIVA3-502T20-2
Z	VIVA 4
=1	VIVA 41724-
	VIVA 8
	CEILING LOUDSPEAKERS
	MC 4EN
	EVAC 5EN
	EVAC 5 EVAC 50X
	EVAC 50X
	MC 4TA & MC 5T32-
	MC 6T
	PC 3
	PC 4HP
Ŋ	PCR 5T & PCR 8T
T T	PC 5T & PC 8T38-3
Y	PC 5TX & PC 8TX40-4
OUDSPEAKERS	PC 6T
<u>ک</u>	LOW IMPEDANCE LOUDSPEAKERS
ב ב	PC 5X & PC 8X44-4
$\geq$	PC 6 464
」	PC 6HP4
	WP5 & WP648-4
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-
	COM 20 & COM 4052-
	COM 320 & COM 34054-
	COM 420 & COM 44056-5
	COM SLIM 30
	HORN LOUDSPEAKERS
	H 15
	HQ 10EN
	HQ10, HQ15 & HQ3062-6
	MH 50
Ŋ	MHQ 60X
Ĭ	POWER CABINET LOUDSPEAKERS
Š	POWER BOX 5
ELEC I RONIC	POWER BOX 5HP
ر	PROFESIONAL MUSIC LOUDSPEAKERS
"	MUSIC BOX D12
ш	POWER BOX D12
	SPEAKER BOX D12
	SOUND PROJECTORS
	SP 10 EN
	SP 10
	SPM 20 HP
	SPMB 10
	SPM 20
	SPHERICAL LOUDSPEAKERS
	SL 20M
	SL 30
	SUBWOOFERS
^	SUB 100V
ű	SUB 2
Ĭ	VOLUME CONTROLS
7	VC 5R, VC 30R & VC 60R OFCFR 2x0.82 & OFCFR 2x1.5
MICKOPHONES	TCB 2 Table Connection Box
ב	AUDIO CABLES & CONNECTORS
Σ	LOUDSPEAKERS ACCESSORIES
	TOURSPEAKERS AU ESSURIES

MOUNTING HARDWARE.....86-87

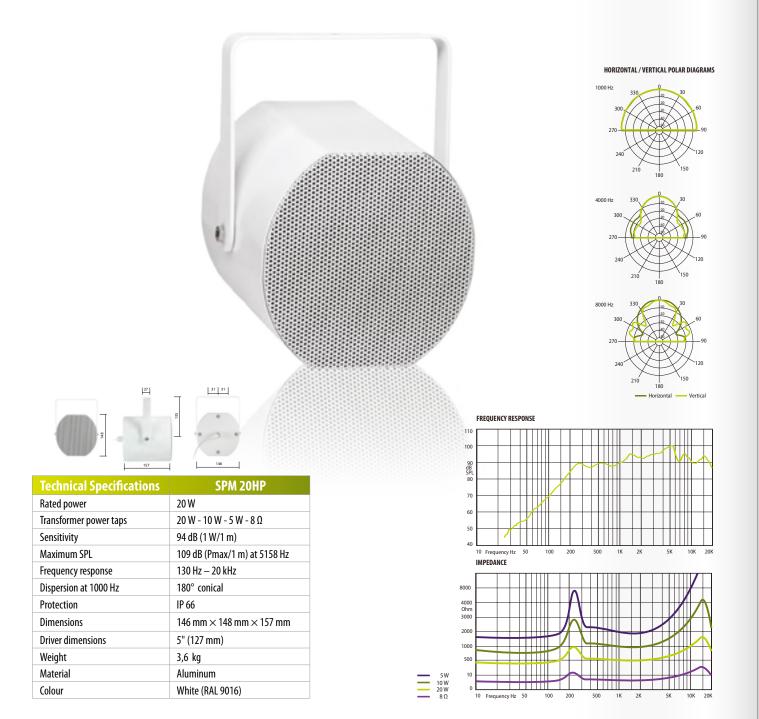
#### **SOUND PROJECTORS**

#### **SPM HP High Performance Sound Projectors**

SPM HP-aluminium body outdoor sound projectors with integrated 100V line transformer.

## SPM 20HP

Featuring a robust and solid aluminium body construction, a built-in full range speaker and a 100V transformer with power taps. IP66 rated for use in heavy weather conditions. This sound projector is the ideal choice for outdoor applications, where background music is priority.



### **SPMB Bidirectional Aluminum Sound Projectors**

SPMB bidirectional sound projector with integrated 100V line transformer.

## SPMB 10

Aluminium body, 10W power sound projector loudspeaker with ceiling mounting bracket. 130Hz – 15kHz frequency response. Designed for use in music and speech reproduction applications. SPMB 10 has two built-in 5"(127 mm) full range speakers.



Technical Specifications	SPMB 10
Rated power	10 W
Transformer power taps at 100 V	10 W - 5 W - 3 W
Sensitivity	88 dB (1 W/1 m)
Maximum SPL	101 dB (Pmax/1 m) at 1223 Hz
Frequency response	180 Hz – 18 kHz
Dispersion at 1000 Hz	90° conical
<b>Driver</b> dimensions	5" (127mm)
Protections	IP 55
Dimensions	ø 138 mm x 205 mm
Weight	2,7 Kg
Material	Aluminum
Colour	White (RAL 9018)





	CABINET LOUDSPEAKERS
	iPlay 4T, 5T & 612-
	iSpeak 5
	iSpeak 5iSpeak 6
IN I PODOCIION	PS 6
	EWACW 5
김	W3 & W10
₹∥	
5	W 10RS VIVA3-302T/VIVA3-502T20-
	VIVA3-3021/VIVA3-502120-
=1	VIVA 4
	VIVA 4IP
	VIVA 524-:
	VIVA 8
	CEILING LOUDSPEAKERS
	MC 4EN
	EVAC 5EN
	EVAC 5
	EVAC 50X
	EVAC 6
	MC 4TA & MC 5T32-
	MC 6T
	PC 3
	PC 4HP
n	PCR 5T & PCR 8T
Ċ	PC 5T & PC 8T38-
COODSPEANENS	PC 5TX & PC 8TX40-
7	PC6T
ì	
ř	LOW IMPEDANCE LOUDSPEAKERS
5	PC 5X & PC 8X44
5	PC 6 46
5	
٠,	PC 6HP
	WP5 & WP648-4
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-
	COM 20 & COM 4052-
	COM 320 & COM 34054-
	COM 420 & COM 44056-
	COM SLIM 30
	HORN LOUDSPEAKERS
	H 15
	HQ 10EN
	HQ10, HQ15 & HQ3062-
	MH 50
^	MHQ 60X
5	
•	POWER CABINET LOUDSPEAKERS
5	POWER BOX 5
	POWER BOX 5POWER BOX 5 HP
ELEC I NOINICS	
1	PROFESIONAL MUSIC LOUDSPEAKERS
9	MUSIC BOX D12
4	POWER BOX D12
	SPEAKER BOX D12
	SOUND PROJECTORS
	SP 10 EN
	SP 10
	SPM 20 HP
	SPMB 10
	SPM 20
	SPHERICAL LOUDSPEAKERS
	SL 20M
	SL 20191
	SL 30
	SUBWOOFERS
2	SUB 100V
Ħ	
2	SUB 2
)	VOLUME CONTROLS
4	VC 5R, VC 30R & VC 60R
5	OFCFR 2x0.82 & OFCFR 2x1.5
2	TCP 2 Table Connection Poy
j	TCB 2 Table Connection Box
MICROPHONES	AUDIO CABLES & CONNECTORS
	LOUDSPEAKERS ACCESSORIES
	MOLINTING HARDWARE 86.



#### **SOUND PROJECTORS**

### **SPM Aluminum Sound Projectors**

SPM aluminum body sound projector for outdoor use with integrated 100V line transformer.

## SPM 20

Robust and solid aluminium body construction with built-in full range speaker, 100V transformer with power taps, IP55 rated. This sound projector is ideal for use in supermarkets, warehouses, factory buildings, railway stations, car parking areas, petrol stations and pools. Ideal for outdoor use.



**MOUNTING HARDWARE...** 

VIVA3-302T/VIVA3-502T. MC 4EN ... EVAC 5EN EVAC 5.... MC 4TA & MC 5T LOW IMPEDANCE LOUDSPEAKERS COM SLIM 30. MUSIC BOX D12.... **SPEAKER BOX D12.** SP 10 EN.. SPHERICAL LOUDSPEAKERS **AUDIO CABLES & CONNECTORS.** 

Simple. Reliable. Profitable.

Simple. Reliable. Profitable.

PAGE

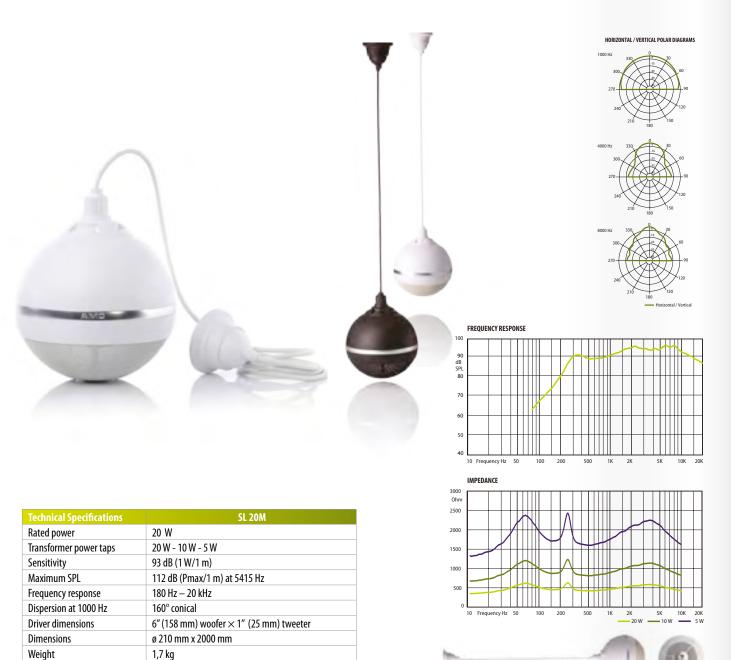
#### SPHERICAL LOUDSPEAKERS

#### **SL Plastic Spherical Loudspeakers**

SL modern and stylish spherical loudspeakers with a built-in 100V line transformer.

### SL 20M

SL 20M Omni-directional speaker device for applications that require uniform sound distribution. Unique and simple design for modern interiors. Excellent sound dispersion, smooth frequency response and carefully controlled speaker performance for use in difficult acoustic environments. Ideal for rooms with high ceilings. For additional safety, a wire rope is integrated into the hanging cable.



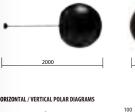
#### SPHERICAL LOUDSPEAKERS

### **SL Plastic Spherical Loudspeakers**

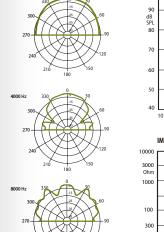
SL modern and stylish spherical loudspeakers with built-in 100V line transformer.

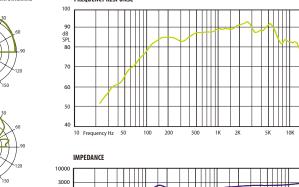


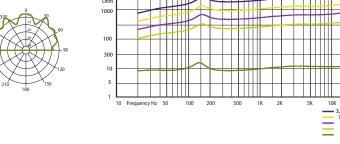
SL 30 - a plastic 30W spherical loudspeaker for background music and speech reproduction in large areas with high ceilings. Coaxial 6.5"(165 mm) speaker with built-in 100 V transformer with power selector and  $8\,\Omega$  input. Wide frequency response,  $160^\circ$  conical sound dispersion. For additional safety, a wire rope is integrated into the hanging cable. Available in two colours: White (RAL 9016) and Black (RAL 9017)











Technical Specifications	ons SL 30	
Rated power	30 W (8 Ω)	
Transformer power taps	30 W - 15 W - 7,5 W - 3,75 W	
Sensitivity	89 dB (1 W/1 m)	
Maximum SPL	108 dB (Pmax/1 m) at 2511 Hz	
Frecuency response	100 Hz - 20 kHz	
Dispersion at 1000 Hz	160º conical	
Driver dimensions	6,5" (165 mm) woofer x 1" (24 mm) tweeter	
Dimensions	ø 275 mm x 2000 mm	
Weight	3 kg	
Material	ABS plastic housing, grill - metal	
Colour	White (RAL 9016), Black (RAL 9017)	



ı	iPlay 4T, 5T & 612
ı	iSpeak 5
	iSpeak 6
ı	PS 6 EWACW 5
	W3 & W10
ı	W 10RS
	VIVA3-302T/VIVA3-502T20 VIVA 420
۱	VIVA 4IP
۱	VIVA 524
ı	VIVA 8
ı	CEILING LOUDSPEAKERS
ı	MC 4EN
ı	EVAC 5EN
	EVAC 5 EVAC 50X
	EVAC 6
	MC 4TA & MC 5T32
	MC 6T
	PC 3 PC 4HP
	PCR 5T & PCR 8T
	PC 5T & PC 8T38
	PC 5TX & PC 8TX40
	PC 6T
	LOW IMPEDANCE LOUDSPEAKERS
	PC 5X & PC 8X44 PC 6 4644
	PC 6HP
	WP5 & WP648
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50
	COM 20 & COM 4052
	COM 320 & COM 34054 COM 420 & COM 44056
	COM SLIM 30
	HORN LOUDSPEAKERS
	H 15
	HQ 10EN
	HQ10, HQ15 & HQ3062 MH 5062
	MHQ 60X
1	POWER CABINET LOUDSPEAKERS
ı	POWER BOX 5
1	POWER BOX 5HP
	PROFESIONAL MUSIC LOUDSPEAKERS
ı	MUSIC BOX D12
ı	POWER BOX D12
	SPEAKER BOX D12
	SOUND PROJECTORS
	SP 10 EN SP 10
	SPM 20 HP
۱	SPMB 10
ı	SPM 20
ı	SPHERICAL LOUDSPEAKERS
ı	SL 20M
	SL 30
	SUBWOOFERS
	SUB 100V
	VOLUME CONTROLS VC 5R, VC 30R & VC 60R
	OFCFR 2x0.82 & OFCFR 2x1.5
	TCB 2 Table Connection Box
J	AUDIO CABLES & CONNECTORS

**MOUNTING HARDWARE...** 

ABS plastic housing, grill - metal

White (RAL 9016), Black (RAL 9017), Chrome inserts

Material

Colour

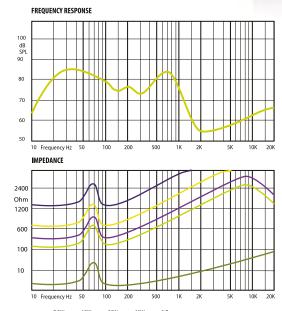
#### **SUBWOOFERS**

#### **SUB 100V Passive Subwoofers**

Passive subwoofers with built-in 100V line transformer.

SUB 100V passive subwoofer for 100V loudspeaker systems. Designed for easy mounting on flat surfaces: walls or ceilings. Built-in high quality 100V transformer with input power selection allows directly connection to 100V loudspeaker lines. Wooden cabinet with 8" woofer, low pass filter, 100V line power selector and low impedance input. SUB 100V sharply increase low frequency performance in background music systems.





<b>Technical Specifications</b>	SUB 100V	
Rated power	60 W	
Transformer power taps	60 W - 30 W - 15 W - 7.5 W - 4Ω	
Sensitivity	82 dB (1W/1m)	
Maximum SPL	100 dB (Pmax/1m at 80 Hz)	
Frequency response	40 Hz - 1 kHz	
Dispersion at 100 Hz	180° conical	
Driver dimensions	8" (205mm)	
Dimensions	326 mm x 240 mm x 88 mm	
Weight	4,9 kg	
Mounting	Steel bracket for mounting on the wall or ceilings	
Colour	White(RAL9016)	

#### **SUBWOOFERS**

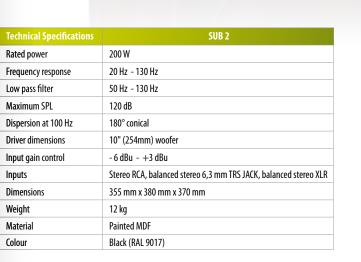
#### **SUB Powered Subwoofers**

SUB powered subwoofers for extra low frequency sound reproduction.



200W active subwoofer with front mounted high quality 10" glass aramid composite woofer. Strong bass output with 90 dB sensitivity. Small size and strong bass output will complement any installation where extra low frequencies are required.



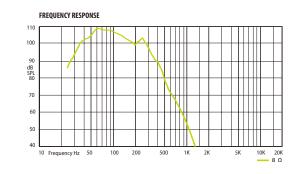






Simple. Reliable. Profitable.

HORIZONTAL / VERTICAL POLAR DIAGRAMS



	CABINET LOUDSPEAKERS
	iPlay 4T, 5T & 612-1
	iSpeak 5 1
INTRODUCTION	iSpeak 61
$\exists$	P\$ 61
U	EWACW 5 1
$\geq$	W3 & W10 1 W 10RS 1
5	VIVA3-302T/VIVA3-502T20-2
T Y	VIVA 420-2
Z	VIVA 4IP2
	VIVA 524-2
	VIVA 82
	CEILING LOUDSPEAKERS
	MC 4EN2
	EVAC 5EN
	EVAC 5
	EVAC 50X3
	EVAC 63
	MC 4TA & MC 5T32-3
	MC 6T 3
	PC 33
	PC 4HP3
S	PCR 5T & PCR 8T
Π	PC 5T & PC 8T38-3
<b>₹</b>	PC 5TX & PC 8TX40-4 PC 6T40-4
Й	
COUDSPEAKERS	LOW IMPEDANCE LOUDSPEAKERS
잍	PC 5X & PC 8X44-4
ಕ	PC 6 464
<u>י</u>	PC 6HP4
	WP5 & WP648-4
	COLUMN LOUDSPEAKERS
	COM 20HP & COM 30HP50-5
	COM 20 & COM 4052-5
	COM 320 & COM 34054-5
	COM 420 & COM 44056-5
	COM SLIM 305
	HORN LOUDSPEAKERS
	H 156
	HQ 10EN6
	HQ10, HQ15 & HQ3062-6
	MH 50
S	MHQ 60X6
Ĭ	POWER CABINET LOUDSPEAKERS
Ö	POWER BOX 56 POWER BOX 5HP6
ELECTRONICS	POWER BOX 5HP6
Ū	PROFESIONAL MUSIC LOUDSPEAKERS
-	MUSIC BOX D126
ш	POWER BOX D126
	SPEAKER BOX D127
	SOUND PROJECTORS
	SP 10 EN
	SP 10
	SPM 20 HP
	SPMB 107
	SPM 207
	SPHERICAL LOUDSPEAKERS
	SL 20M7
	SL 30
	SUBWOOFERS
Ш S	SUB 100V
Z	SUB 28
9	VOLUME CONTROLS
<u></u>	VC 5R, VC 30R & VC 60R8
0	OFCFR 2x0.82 & OFCFR 2x1.5
MICROPHONES	TCB 2 Table Connection Box8
\$	AUDIO CABLES & CONNECTORS
	LOUDSPEAKERS ACCESSORIES MOUNTING HARDWARE86-8
	MOUNTING HADDWADE 96.9

PAGE

Weight Material

Colour

#### VOLUME CONTROL

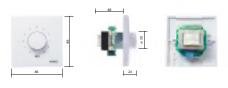
#### **VC Flush Mount Volume Controls**

VC volume controls designed for European style flush-mount boxes.

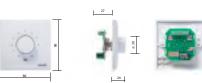
## VC5R, VC30R & VC60R

VC volume controls are designed for use in background music and voice evacuation systems, where local sound level control is required. Equipped with 10-step attenuation. Built-in 24V internal emergency relay with internal switch, so volume controls can be used in passive or active mode. Available for 5W, 30W and 60W power speaker line control.

#### VC 30R & 60R

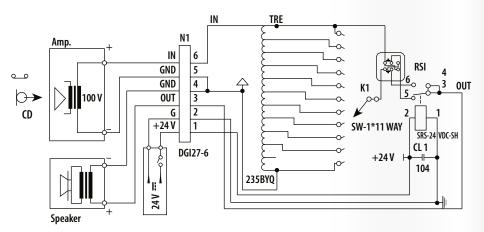


#### **V(5R**



Technical Specifications	VC 5R	VC 30R	VC 60R
Input	5 W	30 W	60 W
Steps	10 + OFF		
Dimensions	86 mm x 86 mm		
Material	Plastic		
Switch modality	DC 24 V/6 Wire		
Modality	Resistor	stor Transformer	
Weight	0,08 kg	0,16 kg	0,18 kg
Emergency relay	DC 24 V		





Active mode: Volume control will be fully opened and set to the maximum level until 24V DC is supplied. After DC powering, volume control will come in to operation. Passive mode: Volume control will be active before 24V DC will not supplied. When DC is powered, Volume control will not be active and volume will be set to maximum level.

#### **SPEAKER CABLE & CONNECTORS**

### Flame-retardant and oxygen free speaker cable

OFCFR are double-shielded oxygen-free speaker cables with flame retardant PVC insulator.

# OFCFR 2x 0.82

Cables for voice evacuation and public address systems, available in two colours: Orange & Grey.



Technical Specifications	18 AWG	16 AWG
Size	2 x 0,82 mm <sup>2</sup>	2 x 1,5 mm <sup>2</sup>
Conductor number	2	2
Conductor material	OFC	OFC
Insulator material	PVC	PVC
Spool	100 m	100 m
Elementary wire conductor	19/0,25 mm	19/0,30 mm
Conductor resistance at 20° C	0,0187 Ω/m	0,0134 Ω/m
Capacitance	68,3 pF/m	95 pF/m
Colour	Orange or grey	Orange or grey



iPlay 4T, 5T	OUDSPEAKERS
iPlay 4T, 5T	
	& 612-
iSpeak 5	
15peak 6	
FWACW 5	•••••••••••••••••••••••••••••••••••••••
W3 & W10.	
W 10RS	
VIVA3-3021	
VIVA 4	
VIVA 4IP	
	24-
<b>CEILING LO</b>	UDSPEAKERS
MC 4EN	
EVAC 5EN	
	••••••
EVAC 50X	
MC 4TA & N	IC 5T32-
PC 3	•••••
PC 4HP	
PCR 5T & PC	TR8T
PC51&PC	8T38 2 8TX40-
	4U-/
LOW IMPE	DANCE LOUDSPEAKERS
	8X44-
PC 6 46 DC 6UD	
rconr WP5 & WP6	48-
	OUDSPEAKERS
	& COM 30HP50- OM 4052-
COM 20 & C	COM 34054-
COM 420 &	COM 44056-
COM SLIM 3	30
	DSPEAKERS
H 15	DOFLAKENS
HQ 10EN	
HQ10, HQ1:	5 & HQ3062-
MH 50	
MHO 60X	
mile out in	
POWER CA	BINET LOUDSPEAKERS
POWER CA	BINET LOUDSPEAKERS
POWER CA	BINET LOUDSPEAKERS
POWER CAI POWER BOX POWER BOX	BINET LOUDSPEAKERS K 5 K 5HP
POWER CAI POWER BOX POWER BOX PROFESION	BINET LOUDSPEAKERS K 5 K 5HP
POWER CAP POWER BOX POWER BOX PROFESION MUSIC BOX	BINET LOUDSPEAKERS K 5
POWER CAI POWER BOX POWER BOX PROFESION MUSIC BOX POWER BOX	BINET LOUDSPEAKERS K 5 K 5HP
POWER CAI POWER BOX POWER BOX MUSIC BOX POWER BOX SPEAKER BOX	BINET LOUDSPEAKERS K 5 K 5HP VAL MUSIC LOUDSPEAKERS D12 K D12
POWER CAI POWER BOX POWER BOX MUSIC BOX POWER BOX SPEAKER BOX SOUND PRO	BINET LOUDSPEAKERS K 5 K 5HP NAL MUSIC LOUDSPEAKERS D12 K D12 OX D12 OJECTORS
POWER CAI POWER BOX POWER BOX MUSIC BOX POWER BOX SPEAKER BOX SOUND PROSE	BINET LOUDSPEAKERS K 5 K 5 K 5HP NAL MUSIC LOUDSPEAKERS D12 K D12 OX D12 OJECTORS
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER SPEAKER BOX SPEAKER SPEAKER BOX SPEAKER SPEAKER SPEAKE	BINET LOUDSPEAKERS K 5 K 5 K 5HP NAL MUSIC LOUDSPEAKERS D12 K D12 OX D12 OJECTORS
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SP 10 EN SP 10 EN SP 10 EN SP 10 EN	BINET LOUDSPEAKERS K 5 K 5 K 5HP NAL MUSIC LOUDSPEAKERS D12 K D12 OX D12 OJECTORS
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER BOX SP	BINET LOUDSPEAKERS K 5 K 5 K 5HP NAL MUSIC LOUDSPEAKERS D12 K D12 OX D12 OJECTORS
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER BOX SP	BINET LOUDSPEAKERS (5
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER SPEAKER SPEAKE	BINET LOUDSPEAKERS (5
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER BOX SP	BINET LOUDSPEAKERS (5
POWER CAI POWER BOD POWER BOD MUSIC BOX POWER BOD SPEAKER BOD SPEA	BINET LOUDSPEAKERS K 5 K 5 K 5 NAL MUSIC LOUDSPEAKERS D12 K D12 OX D12 OJECTORS  LOUDSPEAKERS
POWER CAI POWER BOD POWER BOD PROFESION MUSIC BOX POWER BOD SPEAKER BOD SPEAKE	BINET LOUDSPEAKERS  K 5  K 5HP  NAL MUSIC LOUDSPEAKERS  D12  X D12  OX D12  OJECTORS  LOUDSPEAKERS
POWER CAI POWER BOD POWER BOD PROFESION MUSIC BOX POWER BOD SPEAKER BOD SPEAKER BOD SPEAKER BOD SPEAKER BOD SPEAKER BOD SPEAKER BOD SPM 20 HP SPM	BINET LOUDSPEAKERS K 5 K 5HP NAL MUSIC LOUDSPEAKERS D12 OX D12 OJECTORS  LOUDSPEAKERS LOUDSPEAKERS
POWER CAI POWER BOY POWER BOY PROFESION MUSIC BOX POWER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPMB 10 SPMB 20 SPMB 20 SPHERICAL SL 20M SUB WOOFI SUB 100V	BINET LOUDSPEAKERS (5 K5HP NAL MUSIC LOUDSPEAKERS D12 OX D12 OX D12 OJECTORS  LOUDSPEAKERS ERS
POWER CAI POWER BOY POWER BOY PROFESION MUSIC BOX POWER BOY SPEAKER BOY SUB 100V SUB 2	BINET LOUDSPEAKERS (5
POWER CAI POWER BOY POWER BOY POWER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER SOWN TO SPEAKER SOWN TO SPEAKE	BINET LOUDSPEAKERS (5 K5HP NAL MUSIC LOUDSPEAKERS D12 OX D12 OX D12 OJECTORS  LOUDSPEAKERS  ERS  ONTROLS OR & VC 60R
POWER CAI POWER BOY POWER BOY POWER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER SOY SPEAKER SOY SPEAKER SOY SPEAKER SOY SUB 100V SUB 2 VOLUME COY VC 5R, VC 30 OFCFR 2x0.	BINET LOUDSPEAKERS (5
POWER CAI POWER BOY POWER BOY POWER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER BOY SPEAKER SPEAKE	BINET LOUDSPEAKERS K 5 K 5 K 5 K 5 K 5 K 5 K 5 K 5 K 5 K 5
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPEAKER BOX SPM 20 HP SPM 20 HP SP	BINET LOUDSPEAKERS (5
POWER CAI POWER BOX POWER BOX POWER BOX SPEAKER BOX SUB 2	BINET LOUDSPEAKERS K 5 K 5 K 5HP NAL MUSIC LOUDSPEAKERS D12 K D12 OX D12 OJECTORS  LOUDSPEAKERS  ERS ONTROLS OR & VC 60R 82 & OFCFR 2x1.5 Connection Box

**MOUNTING HARDWARE.** 

#### **ACCESSORIES**

#### TCB Table Conection Box

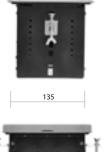
Anodized aluminum cable box.

Table top mount box for AV cable installation in conference, board rooms or auditoriums. The TCB 2 box has several cable openings for AV cable runs and 2 power plugs. Cables are easy accessible and hidden if not in use.









Technical Specifications	TCB 2
AC power socket	2 x 16 A, Euro shuko ~250 V, 3 pole
Power entry connector	ICE C 14 fused socket, 10 A ~250 V
Pass through cable slot	2 x Ø 12,5 mm, 3 x Ø 9 mm, 1 x Ø 6,5 mm
Installation requirement	Table cut out
Mounting accessories	2 x special screws
Dimensions	200 mm x 170 mm x 130 mm
Weight	2 kg
Material	Steel with anodized aluminum top
Colour	Black (RAL 9017)

#### **SPEAKER CABLES & CONNECTORS**

#### **Accessories**

Balanced audio cables, connectors and ceramic terminal blocks.



# AUDIO CABLES

High quality screened audio cables and cable assamblies. Neutric connectors and Taskers cables.

#### **MK XLR Assembled Audio Cable**

Balanced audio cable with NC3MX and NC3FX Neutric connectors.



Balanced audio cable with NC3MX and NP3C Neutric connectors.



Product Name	XLR Connectors
Models	NC3MX, NC3FX
Gender	Male, Female
PIN number	3
Max wire size	2,5 mm <sup>2</sup>
Wiring	Solder contacts
Weight	31g, 37g

**XLR Connectors** 

#### **Ceramic Terminal Blocks**

High temperature resistant ceramic terminal blocks

Product Name	Ceramic Terminal Blocks
No. of poles	3
Max. voltage	600V
Max. current	24A
Max. wire size	2 x 1.5 mm <sup>2</sup> or 1 x 2.5 mm <sup>2</sup>
Dimensions	34 mm x 18 mm x 16 mm
Weight	22g





Simple. Reliable. Profitable.

VIVA3-302T/VIVA3-502T... MC 4EN. EVAC 5EN EVAC 5..... MC 4TA & MC 5T PCR 5T & PCR 8T. LOW IMPEDANCE LOUDSPEAKERS PC 5X & PC 8X .. WP5 & WP6. COM 420 & COM 440. COM SLIM 30 ...

HQ10, HQ15 & HQ30. MH 50..... **POWER BOX 5** 

POWER BOX 5HP... PROFESIONAL MUSIC LOUDSPEAKE MUSIC BOX D12....

**POWER BOX D12. SPEAKER BOX D12..** 

SP 10 EN....

SPHERICAL LOUDSPEAKERS SL 30....

**AUDIO CABLES & CONNECTORS.** 

**MOUNTING HARDWARE...** 

PAGE

#### LOUDSPEAKER ACCESSORIES

#### **Mounting Brackets, Boxes & Transformers**

Mounting brackets, 100V line transformers & single gang boxes for VC volume controls

## MOUNTING HARDWARE

#### **WB-H Wall Mount Bracket for Horn Loudspeaners**

**WB-H** mounting bracket for horn loudspeaker ▶

Product Name	Wall mount bracket for horn speaker
Model	WB-H
Dimensions	160 mm x 200 mm x 280 mm
Mounting hole diameter	Ø10 mm
Material	Steel
Weight	1,8 kg
Colour	White (RAL 9016)



#### MB63 & MB65 Cluster Assemblies

MB63 & MB65 - mounting assemblies for 6 pieces VIVA3 302 & VIVA3 502 speakers hung from ceilings



#### mBox Metal Box for VC Volume Control

mBox metal surface mount box for VC volume controls

Product Name	mBox
Material	Steel
External Dimensions	86 mm x 56 mm x 85 mm
Internal Dimensions	83 mm x 53 mm x 82 mm
Weight	230 g
Colour	White (RAL 9016)
Mounting type	Surface mount

Product Name	Cluster Assembly	Cluster Assembly
Model	MB63 VIVA3 302 Cluster Mount	MB65 VIVA3 502 Cluster Mount
Dimensions	Ø365 mm x 110 mm	Ø485 mm x 117 mm
Mounting hole diameter	Ø10 mm	Ø10 mm
Material	Steel	Steel
Weight	2,5 kg	3,10 kg
Colour	White (RAL 9016)	White (RAL 9016)





#### iBox Single Gang Box for VC Volume Control

**iBox** single gang box for VC volume control flush mount

Product Name	iBox
Material	Plastic
External Dimensions	80 mm x 78 mm x 52 mm
Internal Dimensions	68 mm x 70 mm x 50 mm
Weight	60 g
Colour	Black (RAL9017)
Mounting type	Flush mount

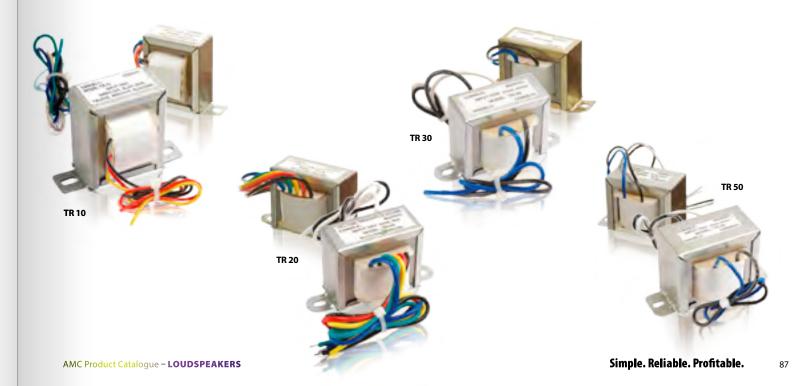


#### **100 V Line Transformers**

Transformers for 100 V speaker lines with secondary winding for  $8\Omega$  speakers.

Speaker line maximum load - 10W, 20W, 30W, 50W

Technical Specifications	TR-10	TR-20	TR-30	TR-50
Power	10W	20W	30W	50W
Transformer power taps	10 W - 5 W - 2,5 W - 1,25 W	20 W - 10 W - 5 W - 2,5 W	30W	50W
Load for secondary winding	8Ω	8Ω	208	8Ω
Weight	0,3 kg	0,3 kg	0,3 kg	0,6 kg
Dimensions	50 mm x 43 mm x 40 mm	50 mm x 43 mm x 43 mm	50 mm x 43 mm x 41 mm	60 mm x 50 mm x 52 mm
Cable length	200 m	200 mm	190 mm	200 mm





iPlay 4T, 5T & 612-1
iSpeak 5 1
iSpeak 6 1
PS 6 1
EWACW 5 1
W3 & W10 1
W 10RS 1 VIVA3-302T/VIVA3-502T20-2
VIVA3-3021/VIVA3-302120-2
VIVA 4IP
VIVA 524-2
VIVA 82
CEILING LOUDSPEAKERS
MC 4EN
EVAC 5EN
EVAC 50X
EVAC 50A
MC 4TA & MC 5T32-3
MC 6T
PC 33
PC 4HP3
PCR 5T & PCR 8T3
PC 5T & PC 8T38-3
PC 5TX & PC 8TX40-4
PC 6T4
LOW IMPEDANCE LOUDSPEAKERS
PC 5X & PC 8X44-4
PC 6 464
PC 6HP4
WP5 & WP648-4
COLUMN LOUDSPEAKERS
COM 20HP & COM 30HP50-5
COM 20 & COM 4052-5
COM 320 & COM 34054-5
COM 420 & COM 44056-5
COM SLIM 305
COIVI 3LIIVI 3U
HORN LOUDSPEAKERS
HORN LOUDSPEAKERS H 156
HORN LOUDSPEAKERS H 15

FM/AM/CD/USB Optional Module .. FM/AM/USB/SD Optional Module .. MPA 30.....

**MIXING AMPLIFIERS** iCOM 2X20.....iCOMC 2X20.... MA 30X .....

MA2X100 ...... MA 60, MA 120 & MA240 MMA 120X & MMA 240X



# **ELECTRONICS**

<b>DIGITAL SIGNAL PROCCESING</b>
DSP 88 Digital Signal Processor
INCTALL ATION AND IFIEDS
INSTALLATION AMPLIFIERS
iA2X250 & iA4X125 Installation Amplifiers
iA240X, iA360X & iA480X Installation Amplifiers92
A4X120D Installation Amplifiers
ATA 1200 III Stallation Ampinicis
MIXING AMPLIFIERS
iCOM 2X20 Communication Amplifier
iCOMC 2X20 Communication Amplifier
MA 20V Missing Amenlifica
MA 30X Mixing Amplifier
MA2X100 Amplifier
MA 60, MA 120 & MA240 Mixing Amplifiers 100-
MMA 120X & MMA 240X 5 Zone Mixing Amplifiers 102-
FM/AM/CD/USB Optional Module for MMA x 5 Zone Amplifiers
- 1 M/ AM/ CD/ 03D optional Module for Mina & 3 Zone Ampliners

MPA 30 Media Player Amplifier......

MIXING PREAPLIFIERS
iMIX 63 Mixing Preamplifier
iMIX 2 Mixing Preamplifier
MUSIC PLAYERS
MP 01 & MP 02 Music Player108
MP 02B Music Player
MP 03 Music Player
MP 05 Music Player
MP 06S Music Player
LIVE RADIO Player
POWER AMPLIFIERS
A100 Power Amplifiers
A200 Power Amplifiers
2A400 Power Amplifiers
24600 Power Amplifiers



		4	
LITEXPO	4 4	1	1
EXHIBITION CENTRE	1		

Where the pulse of public life is best felt and its changes are quickest to be noticed.

is a unique place where the pulse of public life is best felt 
The total exhibiting area of which amounts to 17.6K m², and its changes are quickest to be noticed. It is a place and external grounds that cover 15.1K m<sup>2</sup>. All in all, total that is always open for business development, search for exhibiting area reaches 32.7K m². Currently LITEXPO is new markets, business contacts and boldest ideas. LITEXPO the largest exhibition and convention centre in the Baltic complex consists of 5 exhibition halls, where public address system is equipped with AMC loudspeakers: PC5T, PC8T and income index, as well as by the exposition area supplied MC5T ceiling loudspeakers, iPlay 6, iPlay 5WT and VIVA3-502 with up-to-date equipment.

The Lithuanian Exhibition and Congress Centre LITEXPO cabinet loudspeakers, horn speakers and other equipment. States by the number of events it organizes and the

#### **DSP Digital Signal Processor**

Full matrix 8X8 digital signal processor.

DSP 88 8 input 8 output full matrix digital signal processor platform with microphone and line inputs with integrated Phantom power support. High performance 95 kHz sampling rate 24 bit AD/DA converters with, 40 bit floating point DSP engine. All inputs can be matrix mixed and routed to any selected or to all outputs. Processor configuration can be done in real time with computer connected directly to USB interface or by TCP IP interface. Front panel bottoms allow easy access to recall and set up of main functions.31 band, 1/3 octave graphic equalizer per input and 8 band parametric equalizer per input and output. Dual crossover filters with Bessel, Linkwitz-Riley & Butterworth slopes.



Technical Specifications	DSP 88
Power supply	~220V/~90 V 50Hz/60Hz
Power consumption	20 VA
Input type	Electronically balanced, switchable gain mic/line inputs
Phantom power	+ 48 V
Nominal output voltage	1V
Output impedance	50 Ω
Nominal input voltage	Mic level - 2-20 mV, Line level - 1 V
Input impedance	> 10 kΩ
Maximum level	+ 20 dBu
Maximum gain	67 dB
Frequency response	20 Hz - 30 kHz
Crosstalk	<-100 dB
Distortion	0,002% (1kHz @ +4dBu)
Connectors	Inputs & outputs - Phoenix connectors, RS 232 - Female D-SUB 9, USB - Type B, Ethernet - Standard CAT-5
DSP processor	40-bit floating point
Sampling rate	96 kHz
AD/DA converters	24-bit
Weight	4,6 kg
Dimensions	483 mm × 44 mm × 229 mm, 1U 19"

#### **INSTALLATION AMPLIFIERS**

### **iA Installation Amplifiers**

The amplifiers for contractors.





### iA2X250 & iA4X125

Two and four channel amplifiers for 100V, 70V and 4  $\Omega$  sound system lines. Switching power supply, input gain control, dual or single input mode, output configuration selector, HP filter, phoenix output connectors. Fan powered cooling system, rack mount. The iA amplifiers are made for operation under hard conditions and require minimum maintenance after installation. These amplifiers are used in a medium and large public address and voice evacuation systems.





Technical Specifications	iA2X250	iA4X125	
Output power	2X250 W	4X125 W	
AC power consumption	640 VA	660 VA	
Power suply	~ 220 V / 50 Hz	~ 220 V / 50 Hz	
Stand by power consumption	65 VA	80 VA	
Outputs	Selectable output 4 $\Omega$ , 70 V or 100 V, Connectors - Scre	Selectable output 4 $\Omega$ , 70 V or 100 V, Connectors - Screw terminal	
Inputs	Sensitivity - 0 dBu, Impedance 10 kΩ, Connectors - Balanced XLR		
Frequency response	20 Hz - 20 kHz	20 Hz - 20 kHz	
THD	0,1 %	0,1 %	
Signal / noise ratio	95 dB	95 dB	
Controls	Power switch, input gain, input mode, output configuration, HP filter		
Indicators	Signal, protection, output configuration	Signal, protection, output configuration	
Cooling	Fan forced air	Fan forced air	
Dimensions	432 mm x 88 mm x 350 mm	432 mm x 88 mm x 425 mm	
Weight	7,4 kg	9,7 kg	

**DIGITAL SIGNAL PROCCESING** 

#### **INSTALLATION AMPLIFIERS**

#### **iA Installation Amplifiers**

The amplifiers for contractors

## iA240X, iA360X & iA480X

100 V amplifiers with selectable output power configuration. Fan cooling system, Phoenix output connectors, balanced XLR input and link output connectors (iA240X, iA360X), phoenix input and link connectors (iA480X) with ground lift and 24V DC power supply. These amplifiers are designed for operation under hard conditions and require minimum maintenance after installation. For medium and large public address and voice evacuation systems.







Technical Specifications	iA240X	iA360X	iA480X
Output power	240 W	360 W	480 W
AC power consumption	500 VA	700 VA	850 VA
DC power consumption	390 VA	548 VA	450 VA
Stand by power consumption	30 VA	40 VA	60 VA
Power suply	~ 220 V / 50 Hz or DC 24 V	~ 220V / 50 Hz or DC 24 V	~ 220 V/~110 V 50 Hz/60 Hz or DC 24 V
Outputs	Low impedance outputs - 4 Ω (Phoenix connector), Hi impedance outputs - 100 V, 70 V (Phoenix connector), Link - Balanced XLR		Low impedance outputs - $4\Omega$ (Phoenix connector), Hi impedance outputs - $100V$ , $70V$ (Phoenix connector), Link - Phoenix input connector is linked to Phoenix, RCA to RCA conector.
Inputs	Balanced XLR	Balanced XLR	Phoenix, stereo RCA
Frequency response	60 Hz - 20 kHz	60 Hz - 20 kHz	30 Hz - 20 kHz
THD	1%	1%	1%
Signal / noise ratio	90 dB	90 dB	85 dB
Inputs	Sensitivity - 0 dBu, Impedance 10 k $\Omega$	Sensitivity - 0 dBu, Impedance 10 k $\Omega$	Sensitivity - 0 dBu, Impedance 10 k $\Omega$
Gain Control	-80 dB to 0 dB	-80 dB to 0 dB	-80 dB to 0 dB
High-pass filter	400 Hz	400 Hz	
Cooling	Fan forced air	Fan forced air	Fan forced air
Dimensions	428 mm x 88 mm x 377 mm	428 mm x 88 mm x 377 mm	420 mm x 88 mm x 280 mm
Weight	14,6 kg	15,7 kg	15,7 kg

**POWER AMPLIFIERS** 

#### **INSTALLATION AMPLIFIERS**

### **A Installation Amplifiers**

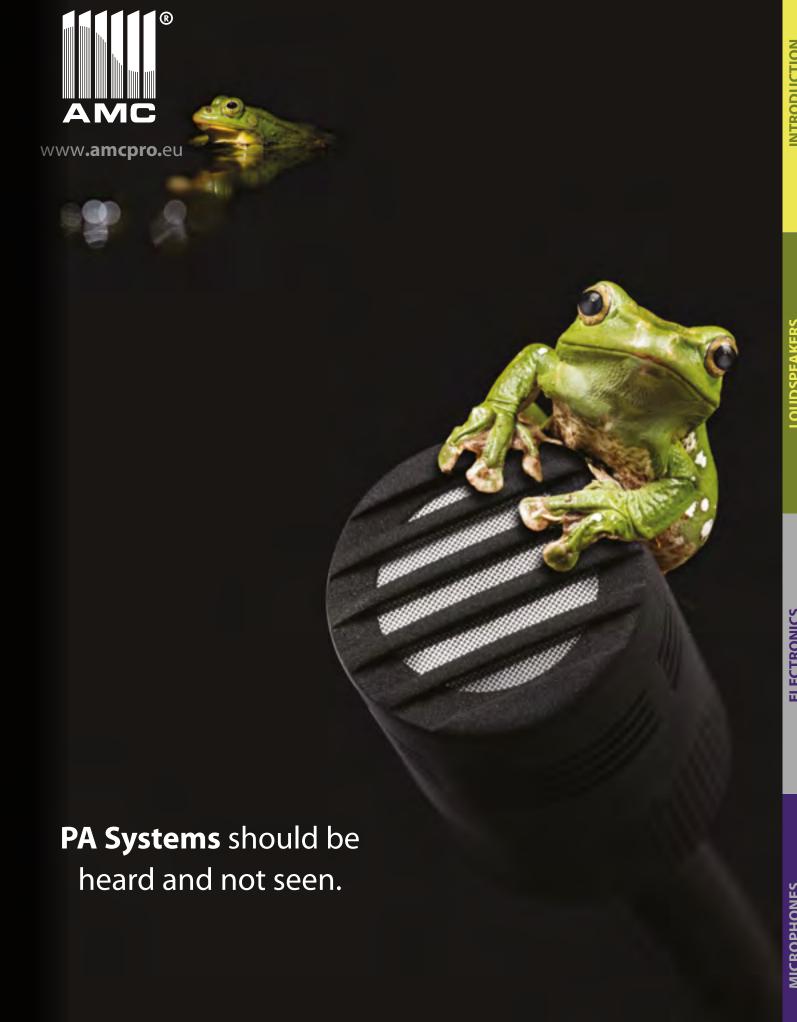
Multichannel installation amplifiers

## A4X120D

A4X120D high efficiency switching mode power supply D-class amplifier. Robust construction design, high quality components, traditional long lasting performance. All amplifier channels has 120W power, own individual gain control, HPF filter and output transformer. Designed for professional applications in medium and large scale voice evacuation and public address systems.

Technical Specifications	A4X120D	
Output power	4 x 120 W	
AC power consumption	580 VA	
Power supply	~ 230 V / 50 Hz	
Stand by power consumption	31VA	
Outputs	Hi and Low impedance outputs - 22 V, 70 V, 100 V (phoenix connector) Link outputs - Balanced XLR	
Inputs	Sensitivity - 0 dBu, Impedance 10 kΩ, Connectors - Balanced XLR, Filter - High pass filter	
Frequency response	50 Hz - 18 kHz	
THD	< 0,01 % (1kHz, 1/3Rated Power)	
Signal / noise ratio	>90 dB	
Controls	Input gain control, HPF	
Indicators	Power, Signal, Clip, Protect	
Dimensions	483 mm x 88 mm x 433mm	
Weight	14,8 kg	





DSP 88	
INSTALLATION AMPLIFIERS	
iA2X250 & iA4X125	
iA240X, iA360X & iA480X	
A4X120D	
MIXING AMPLIFIERS	
iCOM 2X20	
iCOMC 2X20	
MA 30X	
MA2X100	
MA2X100 MA 60, MA 120 & MA240 MMA 120X & MMA 240X FM/AM/CD/USB Optional Module	100
MMA 120X & MMA 240X	102
FM/AM/CD/USB Optional Module	
FM/AM/USB/SD Optional Module	
MPA 30	
MIXING PREAPLIFIERS	
iMIX 63	
iMIX 2	
MUSIC PLAYERS	
MP 01 & MP 02	108
MP 02B	
MP 03	
MP 05	
MP 06S	
LIVE RADIO	
DOWED AMPLIFIEDS	
POWER AMPLIFIERS	
POWER AMPLIFIERS A100	

#### **iCOM Communication Amplifiers**

Compact size two-channel D class amplifier.

## iCOM 2X20

Designed for small size applications. Can be used as a component of low impedance voice evacuation or public address system. D class power amplification with limiter, stereo and bridge mode selection, tone control, line inputs, balanced universal inputs and outputs on Phoenix connectors. Can be mounted on to any flat surface, horizontally or vertically. External power supply included.



Technical Specifications	iCOM 2X20	
Output power	2 x 20 W	
Power supply	24V DC	
Inputs	Microphones: sensitivity -23 dB, impedance 600 $\Omega$ , connectors - balanced phoenix Line: sensitivity 0 dB, impedance 10 k $\Omega$ , connectors - stereo RCA,	
Outputs	Low impedance output: Stereo mode – $4\Omega$ , Bridge mode – $8\Omega$ , connectors – phoenix	
Frequency response	50 Hz - 18 kHz	
THD	Less than 1 % at 1kHz 1/3 rated power	
Signal / noise ratio	86 dB	
Tone control	Bass ±10 dB, Treble ±10 dB	
Controls	Input gain control, volume control, tone control, limiter on/off, brigde/stereo mode.	
Indicators	Power	
Dimensions	230 mm x 115 mm x 58 mm	
Weight	0,9 kg	
Colour	Black (RAL 9017)	

#### **COMMUNICATION AMPLIFIERS**

#### **iCOMC Communication Amplifiers**

Two channel communication amplifiers with RS232 interface and IR remote control.

### iCOMC 2X20

Mini D-class iCOMC amplifier 2x20 W with RS232 interface. 2 line and 1 microphone input, 2x20 W and 40 W bridge mode, tone control, phantom powered, LED source indication. Various input connectors to choose: RCA, Phoenix and 3.5 TRS jack. Signal source selection can be made by control button, RS232 command or IR remote control which can be purchased optionally. Mounting brackets are included into each package. Perfect device for small size installations where compact and user friendly device is necessary with possibility of remote control.



Technical Specifications	iCOMC 2X20	
Output power	2 x 20 W	
Power supply	24 V DC 1,5 A	
Outputs	Low impedance output $-4\Omega$ (screw terminal block)	
Inputs	Mic: Sensitivity -60 dBu Connector - Balanced Phoenix	
	Line 1 : Sensitivity -7 dBu Connector - 3,5 mm stereo Jack	
	Line 2 : Sensitivity -7 dBu Connector - Stereo RCA	
Frequency response	35 Hz - 20 kHz	
THD	< 0,03 %	
Signal / noise ratio	> 100 dB	
Tone control	Bass $\pm$ 7 dBu , Treble $\pm$ 7 dBu	
Controls	Mic and Line input level controls, balance control, tone control, input selector, loudness, limiter and phantom power. RS 232 and IR remote controls.	
Indicators	Power, volume, balance, tone	
Dimensions	145 mm x 120 mm x 45 mm	
Weight	0,6 kg	
Colour	Black (RAL 9017)	

### **INSTALLATION AMPLIFIERS** iA240X, iA360X & iA480X .... A4X120D..... **MIXING AMPLIFIERS** iCOM 2X20....iCOMC 2X20... MA 30X .... FM/AM/CD/USB Optional Module FM/AM/USB/SD Optional Module MPA 30..... **MIXING PREAPLIFIERS** iMIX 63.... iMIX 2..... **MUSIC PLAYERS POWER AMPLIFIERS**

**DIGITAL SIGNAL PROCCESING** 

### **MA Mixing Amplifiers**

Compact size mixing amplifiers for music and speech.

## MA 30X

30W power, low and high impedance outputs, AUX/Phono and microphone inputs, tone control. Priority input, activated by closing contacts on rear panel. Perfect for use in small size applications such as shops, bars or restaurants, and there's no need for professional installation assistance.



Technical Specifications	MA 30X	
Output power	30 W	
AC power consumption	57 VA	
Power supply	~230 V/ 50Hz	
Outputs	Low impedance output $-4\Omega$ , $8\Omega$ , $16\Omega$ (Screw terminal connectors) Hi impedance outputs $-100V$ (Screw terminal connectors)	
Inputs	Microphones: sensitivity – 55 dB, impedance 10 k $\Omega$ , connectors – unbalanced 6.3 mm TRS Jacl AUX: sensitivity – 20 dB, impedance 10 k $\Omega$ , connectors – Stereo RCA PHONO: sensitivity – 55 dB, impedance 10 k $\Omega$ , connectors – Stereo RCA	
Frequency response	50 Hz - 20 kHz	
THD	Less than 1% at 1 kHz rated power	
Signal / noise ratio	>55 dB	
Tone control	Bass ±12 dB, Middle ±12 dB, Treble ±12 dB	
Controls	Input level control, tone control, master	
Indicators	Power	
Dimensions	320 mm × 190 mm × 75 mm	
Weight	5 kg	
Colour	Black (RAL 9017)	

#### **MIXING AMPLIFIERS**

### **MA Multichannel Mixing Amplifiers**

Multichannel mixing amplifiers for background music.



## MA2X100

Mixing amplifier designed for background music reproduction in medium and small size areas, where stereo music system is required. Amplifiers come complete with 2 integrated transformer outputs for 100V speaker lines. Where improved sound quality is necessary, these amplifiers can be used with  $8 \Omega$  speaker lines. The amplifier also has a separate audio output for a subwoofer.

<b>Technical Specifications</b>	MA 2 X 100
Output power	2 x 100 W
AC power consumption	500 W
Power supply	~230 V/115 V 50/60 Hz
Outputs	Low impedance output $-8\Omega$ (Binding post connectors) Hi impedance outputs $-$ 100V (Screw terminal connectors) Tape out $-$ 0dB (RCA connector) Subwoofer out $-$ 0dB (RCA connector)
Inputs	Microphones: sensitivity -57 dB, impedance $600 \Omega$ , connectors - Balanced XLR (Input MIC 1 - priority input) CD, AUX, TAPE: sensitivity -10dB, impedance 20 k $\Omega$ , connectors - Unbalanced RCA
Frequency response	20 Hz - 20 kHz
THD	Less than 0,05% at 1kHz rated power
Signal / noise ratio	-70 dB
Tone control	Bass ±10 dB, Treble ±10 dB
Controls	Input level control, source selector, tone control, master
Indicators	Power, stereo VU-meter
Dimensions	420 mm x 88 mm x 320 mm
Weight	9 kg
Accessories	19" rack mounting bracket
Colour	Black (RAL 9017)

THE STATE OF THE S	ARMA CE MA	====
	MA 20100  MOS. MOS.   100 ANT TOTAL VOLUME   1	

DSP 88	
INSTALLATION AMPLIFIERS iA2X250 & iA4X125	
iA2X250 & iA4X125iA240X, iA360X & iA480XA4X120D	
MIXING AMPLIFIERS iCOM 2X20	
iCOMC 2X20MA 30X	
MA2X100 MA 60, MA 120 & MA240 MMA 120X & MMA 240X	100
FM/AM/CD/USB Optional Module FM/AM/USB/SD Optional Module	
MPA 30	
MIXING PREAPLIFIERS iMIX 63	
MUSIC PLAYERS	
MP 01 & MP 02MP 02B	
MP 03	
MP 06SLIVE RADIO	
POWER AMPLIFIERS	
A100A200	

### **MA Mixing Amplifiers**

Universal mixing amplifiers for music and voice.

## MA60, MA120 & MA240

Universal mixing amplifiers for public address, background music and paging systems.

Audio signal mixing, with a wide choice of input sources with selectable outputs.

Can be used as component of voice evacuation or public address system in the remote rooms, equipped with 24V DC power supply, line and microphone inputs, phantom power supply.







Technical Specifications	MA60	MA120	MA240
Output power	60 W	120 W	240 W
AC power consumption	160 VA	360 VA	600 VA
DC power consumption	90 VA	175 VA	310 VA
Stand by power consumption	20 VA	25 VA	30 VA
Power suply	~ 230 V / 50 Hz or 24V DC		
Outputs	Low impedance output - 4 Ω (Phoen	ix connector), Hi impedance outputs -	100 V, 70 V, 25 V (Phoenix connector)
Inputs	Microphone: Sensitivity – 63 dBu, Impedance 10 kΩ, Connectors – Combi XLR Line: Sensitivity – 0 dBu, Impedance 10 kΩ, Connectors – Combi XLR AUX: Sensitivity – Selectable 18 dBu, 12 dBu, 8 dBu, Impedance 10 kΩ, Connectors – Stereo RCA:		Microphone: Sensitivity – 50 dBu, Impedance 10 kΩ, Connectors – Combi XLR Line: Sensitivity – 8 dBu, Impedance 10 kΩ, Connectors – Combi XLR AUX: Sensitivity – 4 dBu, Impedance 10 kΩ, Connectors – Stereo RCA:
Frequency response	50 Hz - 15 kHz	50 Hz - 15 kHz	80 Hz - 16 kHz
THD	< 2 %	< 2 %	1%
Signal / noise ratio	> 70 dB	> 70 dB	80 dB
Tone control	Bass $\pm$ 10 dB, Treble $\pm$ 10 dB	Bass $\pm$ 10 dB, Treble $\pm$ 10 dB	Bass $\pm$ 10 dB, Treble $\pm$ 10 dB
Controls	Input level, input gain / phantom power selector, tone control, master volume		
Indicators	Power, output level		
Dimensions	420 mm x 88 mm x 280 mm	420 mm x 88 mm x 280 mm	420 mm x 88 mm x 330 mm
Weight	9,3 kg	10 kg	12,8 kg
Accessories	19" Rack mount bracket		
Colour	Black (RAL 9017)	Black (RAL 9017)	Black (RAL 9017)

ODUCTION

NSTALLATION AMPLIFIERS A2X250 & iA4X125	240	P 88	
MIXING AMPLIFIERS  COM 2X20  COMC 2X20  MA 30X  MA2X100  MA 60, MA 120 & MA240  MMA 120X & MMA 240X  MIXING PREAPLIFIERS  MIX 63  MIX 2  MUSIC PLAYERS  MP 01 & MP 02  MP 03  MP 05  MP 05  MP 06S  IVE RADIO  COWER AMPLIFIERS  A100  A200	240		
MIXING AMPLIFIERS  COM 2X20  COMC 2X20  MA 30X  MA2X100  MA 60, MA 120 & MA240  MMA 120X & MMA 240X  MIXING PREAPLIFIERS  MIX 63  MIX 2  MUSIC PLAYERS  MP 01 & MP 02  MP 03  MP 05  MP 05  MP 06S  IVE RADIO  COWER AMPLIFIERS  A100  A200	240	2X250 & iA4X125	
MIXING AMPLIFIERS COM 2X20 COMC 2X20 MA 30X MA2X100 MA 60, MA 120 & MA240 MMA 120X & MMA 240X MAM/CD/USB Optional Module MAM/USB/SD Optional Module MAM/USB/S	240	240X, iA360X & iA4	X
COM 2X20 COMC 2X20 MA 30X MA2X100 MA 60, MA 120 & MA240 MA 120X & MMA 240X MMA 120X & MMA 240X MMA 120X & MMA 240X MAM/CD/USB Optional Module MAM/USB/SD Optional Module MPA 30 MIXING PREAPLIFIERS MIX 63 MIX 2 MUSIC PLAYERS MP 01 & MP 02 MP 03 MP 03 MP 05 MP 05 MP 06S LIVE RADIO MP 06S LIVE RADIO	240	X120D	
COMC 2X20	240		
MA 30X MA2X100 MA 60, MA 120 & MA240 MA 120X & MMA 240X MMA 120X & MMA 240X MMAM/CD/USB Optional Module MMAM/USB/SD Optional Module MMAM/SD Optional M	240	OM 2X20	
MA 30X MA2X100 MA 60, MA 120 & MA240 MA 120X & MMA 240X MMA 120X & MMA 240X MMAM/CD/USB Optional Module MMAM/USB/SD Optional Module MMAM/SD Optional M	240	OMC 2X20	
MA 60, MA 120 & MA240	240	A 30X	
MMA 120X & MMA 240X	HOX	\2X100	
FM/AM/CD/USB Optional Module FM/AM/USB/SD Optional Module MPA 30 MIXING PREAPLIFIERS MIX 63 MIX 2 MUSIC PLAYERS MP 01 & MP 02 10 MP 02B MP 03 MP 05 MP 05 MP 06S IVE RADIO POWER AMPLIFIERS	onal Module		
FM/AM/USB/SD Optional Module MPA 30	nal Module	MA 120X & MMA 24	102
MPA 30MIXING PREAPLIFIERS MIX 63 MIX 2  MUSIC PLAYERS MP 01 & MP 02	10	I/AM/CD/USB Option	ll Module
MIXING PREAPLIFIERS MIX 63 MIX 2 MUSIC PLAYERS MP 01 & MP 02 MP 03 MP 03 MP 05 MP 06S LIVE RADIO MP 00WER AMPLIFIERS	10	I/AM/USB/SD Optio	ll Module
MIX 63 MIX 2 MIX 2 MUSIC PLAYERS MP 01 & MP 02 MP 03 MP 03 MP 05 MP 06S LIVE RADIO MP 06WER AMPLIFIERS	10	A 30	
MIX 2		XING PREAPLIFIER	
MIX 2		IX 63	
MP 01 & MP 02			
MP 01 & MP 02		ICIC DI AVEDO	
MP 02BMP 03			109
MP 03MP 05MP 05MP 06S		7 0 1 & IMF 02 D	100
MP 05 MP 06S IVE RADIO POWER AMPLIFIERS			
MP 06S  IVE RADIO  POWER AMPLIFIERS  1200		05	
POWER AMPLIFIERS		9 06S	
POWER AMPLIFIERS		/E RADIO	
\100\200			
\200			
A200 A400		(0)(0)	
A400 <u></u>			
A600		00	

LECTRONIC

ı

#### **MMA Mixing Amplifiers**

5 zone mixing amplifiers with interchangeable module and page station.

## MMA 120X & 240X

MMA 120X & 240X five zone D class mixing amplifiers for commercial and industrial applications. 120W and 240W rated output power. Possibility to plug in music source module and five zone paging microphone Page station 5X. Five zone speaker lines, low impedance speaker output, variety of microphone and line inputs makes these units universal for any kind of installation. Amplifier is designed for background music and public address broadcast for up to five different zone. One slot for interchangeable music source modules, 6 Mic/Line inputs, gain control, paging microphone input, chime function, phantom power, priority inputs, graphic equalizer, five-zone selector. Ideal choice where wide selection of audio line inputs is needed and multi-zone broadcasting is a priority.

Technical Specifications	MMA	120X	MMA 240X
Output power	120 W		240 W
Power supply	~ 230 V / 50 Hz		
Outputs		t - 4 Ω (Phoenix connector) uts - 100 V (Phoenic connecto	or)
Inputs	Microphone:	Sensitivity - 50 dBu, Connectors - Balancec	d XLR, 6.3 mm TRS Jack
	Line:	Sensitivity - 30 dBu, Connector - Stereo RC	A
	Remote mic:	Sensitivity - 40 dBu, Connector - Phoenix	
	Link in:	Sensitivity - 17 dBu, Connector - 6.3 mm T	S lack
	Amp in:	Amp in: Sensitivity - 0 dBu, Connectors - 6.3 mm TS Jack	
	Remote paging:	Connector - RJ45	13 Jack
Phantom power	15 V (max.)	15 V (max.)	
Frequency response	80 Hz - 15 kHz	80 Hz - 15 kHz	
Equalizer	125 Hz, 250 Hz, 500 H:	125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, ± 12 dB	
THD	0,5 %		
Signal/noise ratio	75 dB	75 dB	
Dimensions	420 mm x 320 mm x 8	8 mm	
Weight	9,76 kg		10,5 kg
Optional accessories	Page station 5 - five zo	Page station 5 - five zones paging microphone	





MMA 120X





INTRODUCTION	DIGITAL SIGNAL PROCCESING	
$\geq$	DSP 88	
<u></u>	INSTALLATION AMPLIFIERS	
$\geq$		
5	iA2X250 & iA4X125iA240X, iA360X & iA480X	ح ۵-۵
~	A4X120D	
2	A-A1200	
_	MIXING AMPLIFIERS	
	iCOM 2X20	
	iCOMC 2X20	
	iCOMC 2X20MA 30X	
	MA2X100	
	MA2X100 MA 60, MA 120 & MA240 MMA 120X & MMA 240X FM/AM/CD/USB Optional Module	100-10
	MMA 120X & MMA 240X	102-10
	FM/AM/CD/USB Optional Module	10
	FM/AM/USB/SD Optional Module	
	MPA 30	
	MIXING PREAPLIFIERS	
	iMIX 63	
SS I	iMIX 2	
KERS	IIIII/\(\(\alpha\)	
₹ I	MUSIC PLAYERS	
OUDSPEAI	MP 01 & MP 02	108-10
S	MP 02B	
91	MP 03	
ರ I	MP 05	
- 1	MP 06S	
	LIVE RADIO	
	POWER AMPLIFIERS	
	A100	
	A2002A400	
	2A400	

#### **Optional Modules for MMA 5 Zone Amplifiers**

Interchangeable modules for MMA 5 zone amplifiers.

### FM/AM/CD/USB

Optional module for MMA 5 zone amplifier with CD and USB flash player and FM/AM tuner. Supports compressed audio files, CD-R and CD-RW. Volume control, equalizer, mute function, input source selection and 6 radio station pre-set. Repeat and random functions. Easy to plug-in and use.

Technical Specifications	FM/AM/CD/USB module
Power supply	DC 12 V
Current consumption	1 A
Output level	+ 2 dBu
Supported audio formats	Compressed audio

Technical Specifications	CD/USB
Frequency response	20 Hz - 20 kHz
S/N ratio	>60 dB

Technical Specifications	FM tuner
Tuning frequency range	87,5 MHz – 108 MHz
Channel step	50 kHz
Intermediate frequency	10,7 MHz
Sensitivity	2 μV
S/N ratio	>60 dB

Technical Specifications	AM tuner
Tuning frequency range	522 kHz – 1620 kHz
Intermediate frequency	450 kHz
Sensitivity	2 μV
S/N ratio	>50 dB

## FM/AM/USB/SD

Optional module for MMA 5 zone amplifier with USB flash and SD card player and FM/AM tuner. Supports compressed audio files. Volume control, equalizer, mute, input source selection, repeat and random functions. 6 radio station pre-set. Simple, plug and play.

<b>Technical Specifications</b>	FM/AM/USB/SD module
Power supply	DC 12 V
Current consumption	0,5 A
Max audio output	+6 dB
Frequency response	20 Hz - 20 kHz
S/N ratio	>70 dB
THD	0,1%
Supported audio formats	Compressed audio



#### **MEDIA PLAYER AMPLIFIERS**

#### **MPA Media Player Amplifiers**

Media amplifiers with integrated music player.



### MPA 30

MPA 30 - mixing media amplifier with integrated USB and SD MMC card player/recorder and FM radio tuner. Audio signal mixing, low and high impedance outputs, priority input and tone control. Preamplifier output and preamplifier input. Recording function is performed on memory cards or USB Flash drive. Selectable gain (AUX/ Phono), stereo RCA input. No need for professional installation assistance, and it's so easy to use. The MPA 30 supports compressed audio files and is an excellent device for small size applications where amplification with music source and audio signal mixing is required. With external 12V DC power supply capability.





echnical Specifications	MPA 30		
Output power	30W		
C power consumption	60VA		
Power supply	~230V/50Hz or 12V DC		
Outputs	Low impedance output- $4\Omega$ (Screw terminal connectors) Hi impedance outputs- $25V,70V$ , $100V$ (Screw terminal connectors) Preamp Out - output level $0dBu$		
nputs	AUX/PHONO:  AMP input:	Sensitivity- 47 dBu Priority Input - MIC 1 Connectors- Balanced TRS 6.3 jack Sensitivity- 17 dBu (when switch is set to AUX position) Sensitivity- 47 dBu (when switch is set to PHONO position) Connector- RCA Sensitivity - 0 dBu Connector- RCA	
requency response	80 Hz -18 kHz		
one control	Bass ±12 dB, Treble ±12 dB		
HD	< 0,5%		
ignal/ noise ratio	>75 dB		
Controls	MIC and AUX/PHONO input level controls, tone control, USB SD MMC card player volume control,master volume control		
ndicators	Power		
Dimensions	280 mm x 190 mm x 75 mm		
Veight	4,5 kg		

**POWER AMPLIFIERS** 

**DIGITAL SIGNAL PROCCESING** 

#### **iMIX Stereo Preamplifiers**

Mixing preamplifiers for background music and voice.

## iMIX 63

Mixing preamplifier for background music and public address. Six balanced COMBO XLR inputs with 6 selectable MIC/LINE inputs and 3 stereo RCA inputs. Phantom power is on the board and activated by external dip switch on each universal COMBO XLR input. Priority on the first universal input. For emergency operation, an external 24V DC power source can be used.



Technical Specifications	iMIX 63
Power supply	~ 230 V/ 50 Hz or DC 24V
DC power consumption	9,6 VA
AC power consumption	10,5 VA
Phantom power voltage	20 V (max.)
Input impedance	Microphone input 1,4 k $\Omega$ Line input 10 k $\Omega$
Output impedance	120 Ω
Input gain	Combo XLR input (Mic level) - 52 dBu Combo XLR input (Live level) - 12 dBu RCA input - 4 dBu
Maximum input level	Balanced XLR input (Mic level) - 15 dBu Balanced XLR input (Live level) + 12 dBu
Maximum output level	Master output + 16 dBu / Mono output + 27 dBu Monitor output + 27 dBu / Rec output + 21 dBu
Frequency response	20 Hz - 22 kHz
THD	0,03 % @ 1 kHz
Signal / Noise ratio	> 103 dBu
Crosstalk (input to output)	- 82 dBu
Priority inputs	Input 1
Tone control	Low $\pm$ 10 dB @ 80 Hz, Mid $\pm$ 10 dB @ 2,5 kHz, High $\pm$ 10 dB @ 12 kHz"
Dimensions	44 mm × 483 mm × 195 mm, 1U 19" Rack Mount
Weight	2,9 kg
Colour	Black (RAL 9017)



#### **MIXING PREAMPLIFIERS**

### iMIX 2 Multi-Zone Mixing Preamplifiers

Stereo two-zone mixing preamplifier.

iMIX 2



A stereo two-zone mixer preamplifier with digital source selector, volume, tone and balance controls. iMix 2 mixer preamplifier has all the main features necessary for audio installations: input gain control, phantom power on/off, input priority, tone, balance control and RS232 interface for remote control of main functions. With iMIX2 mixer preamplifier it is possible to create 2 stereo zone or 2 mono zone audio systems, with paging possibilities.





Technical Specifications	iMIX 2
Power supply	~ 230 V/ 50 Hz
AC power consumption	20 VA
Frequency response	10 Hz - 50 kHz
THD	< 0,01 %
Input impedance	RCA - $20 \text{ k}\Omega$ (unbalanced) Phoenix - $47 \text{ k}\Omega$ (balanced)
Input gain	Line -10 dB Mic -50 dB
Output	Zone - 1 maximum output level + 15dB, impedance - 10 k $\Omega$ Zone - 2 maximum output level + 15dB, impedance - 10 k $\Omega$
Priority inputs	Input 4
Tone control	Bass ±12 dB, Treble ±12 dB
HUM & Noise	-87 dB
Crosstalk	- 50 dB @ 1 kHz
Dimensions	44 mm × 482 mm × 200 mm, 1U 19" Rack Mount
Weight	4 kg
Colour	Black (RAL 9017)

### MC

DSP 88	
INSTALLATION AMPLIFIERS iA2X250 & iA4X125	
iA240X, iA360X & iA480X	
A4X120D	
MIXING AMPLIFIERS	
iCOM 2X20	
iCOMC 2X20	
MA 30X	
MA2X100	
MA 60, MA 120 & MA240 MMA 120X & MMA 240X	IUU
FM/AM/CD/USB Optional Module	102
FM/AM/USB/SD Optional Module	
MPA 30	
MIXING PREAPLIFIERS	
iMIX 63	
iMIX 2	
AUGUS DI AVEDS	
MUSIC PLAYERS MP 01 & MP 02	
MP 02B	
MP 03	
MP 05	
MP 06S	
LIVE RADIO	

**POWER AMPLIFIERS** 

LECTRONI

CROPHONES

MICHOLINGINE

### **MP Music Players**

Rack mount music players.

## MP01&MP02

Rack mount music players with CD, FM tuner, SD card and USB players inside. These players are designed to be used all day, every day, true 24/7. They are carefully assembled utilising the highest quality components and will work as hard as you can push them. With 10 radio station presets, RDS and CD text support and IR Remote control included. The MP01, 02 and 03 all have different output configurations so can be tailored for specific applications.



Technical Specifications	Tuner section
Tuning frequency range	87,5 Hz – 108 MHz
IF frequency	10,7 MHz
30 dB quieting sensitivity	10 μV
Signal / Noise ratio	60 dB
IF rejection	75 dB
lmage rejection	25 dB
THD	0,8 %
Stereo separation	30 dB @ 1 kHz
Frequency response	100 Hz — 10 kHz



Technica	al Specifications	MP 01
FM synth	esizer tuner	
10 preset	memories	
	nechanic & electronic anti-shock, sed audio files support	. CD, CD-R, CD-R/W, USB and SD card reader,
Input:	FM 75 Ohm unbalanced antenna terminals USB/SD port for flash disc	
Output:	XLR audio output for FM L and R channels XLR audio output for CD/USB/SD L and R channels	
Power supply ~230V /50Hz		~230V /50Hz
Power consumption 50 VA		50 VA
Weight	Veight 3,5 kg	
Dimensio	Dimensions 482 mm × 44 mm× 250 mm	

Technical Specifications	CD section
Output level	1,2 V ± 2 dB
Output level difference between L R channels	less than 2 dB
Frequency response (using 1 kHz reference)	20 Hz – 20 kHz
Seperation	60 dB @ 1 kHz
THD	0,1 % @ 1 kHz
Signal / Noise ratio	70 dB





MP 02		
FM synthesizer tuner		
ic anti-shock, CD, CD-R, CD-R/W, files support		
Input: FM 75 Ohm unbalanced antenna terminals USB and SD port for flash disc		
Output: Stereo RCA audio output for FM and CD L and R channels		
~230V / 50Hz		
Power consumption 50 VA		
Weight 3,5 kg		
Dimensions $482 \text{ mm} \times 44 \text{ mm} \times 250 \text{ mm}$		

Technical Specifications	Tuner section
Tuning frequency range	87,5 Hz – 108 MHz
IF frequency	10,7 MHz
30 dB quieting sensitivity	10 μV
Signal to noise ratio	60 dB
3 dB limiting	8 μV
IF rejection	75 dB
Image rejection	25 dB
THD	0,8 %
Stereo separation	30 dB @ 1 kHz
Frequency response	100 Hz — 10 kHz

AMC Product Catalogue - ELECTRONICS



Technical Specifications	CD section
Output level	1,2 V ± 2 dB
Output level difference between L R channels	less than 2 dB
Frequency response (using 1 kHz reference)	20 Hz – 20 kHz
Seperation	60 dB @ 1 kHz
THD	0,1 % @ 1 kHz
Signal / Noise ratio	70 dB



**DIGITAL SIGNAL PROCCESING INSTALLATION AMPLIFIERS** iA240X, iA360X & iA480X ..... A4X120D..... MIXING AMPLIFIERS iCOM 2X20 .....iCOMC 2X20 ..... FM/AM/CD/USB Optional Module . FM/AM/USB/SD Optional Module . MPA 30..... **MIXING PREAPLIFIERS** iMIX 63..... iMIX 2...... **MUSIC PLAYERS** MP 01 & MP 02 .. MP 02B..... MP 03 ..... MP 05 ..... MP 06S .... **POWER AMPLIFIERS** 

### **MP Music Players**

Rack mount music players.

MP 02B music player with integrated CD player, FM tuner, USB/SD reader and Bluetooth player interface. Single source selectable for playback: FM tuner, CD player, USB/SD card reader or Bluetooth interface player. IR remote control for CD player, USB/SD reader and FM radio. RCA stereo output.



Technical Specifications	MP 02B	
CD player, FM tuner, USB/SD reader and Bluetooth interface		
CD drive with mechanic & electronic anti-shock, CD, CD-R, CD-R/W, USB/SD, Compressed audio files support.		
Input: FM 75 Ohm unbalanced antenna terminals USB and SD port for flash disc		
Output: Stereo RCA audio output for FM and CD, L and R channels		
Power supply 230 V AC		
Power consumption	50 VA	
Weight 3,8 kg		
Dimensions $482 \text{ mm} \times 44 \text{ mm} \times 250 \text{ mm}$		

	CD section
Output level	1,2 V ± 2 dB
Output level difference between L, R channels	less than 2 dB
Frequency response (using 1 kHz reference)	20 Hz — 20 kHz
Seperation	60 dB @ 1 kHz
THD	0,1 % @ 1 kHz
Signal to noise ratio	70 dB

	Tuner section
Tuning frequency range	87,5 Hz – 108 MHz
Preset memory	30 radio stations
Signal to noise ratio	60 dB
THD	0,8 % @ 1 mV 40 kHz dev.
Stereo separation	30 dB @ 1 kHz
Frequency response	100 Hz – 10 kHz

	Bluetooth section
Working distance	5 m
Signal to noise ratio	60 dB
THD	0,2 %
Stereo separation	less than 60 dB
Signal to noise ratio	less than 60 dB



#### **MUSIC PLAYERS**

### **MP Music Players**

Rack mount music players.

Rack mount music players with CD, FM tuner, SD card and USB players inside. These players are designed to be used all day, every day, true 24/7. They are carefully assembled utilising the highest quality components and will work as hard as you can push them. With 10 radio station presets, RDS and CD text support and IR Remote control included. The MP01, 02 and 03 all have different output configurations so can be tailored for specific applications.



Technica	al Specifications	MP 03
FM systhesizer tuner		
10 preset memories		
CD with mechanic & electronic anti-shock, CD, CD-R, CD-R/W, USB/SD, Compressed audio files support		
Input:	FM 75 Ohm unbalanced antenna termir USB/SD port for memory stick	nals
Output:	tput: Stereo RCA and balanced mono Phoenix outputs for FM Stereo RCA and balanced mono Phoenix outputs for CD/USB/SD	
Power su	pply	~230V/ 50Hz
Power consumption		50 VA
Weight		3,5 kg
Dimensions		482 mm $\times$ 44 mm $\times$ 250 mm

Technical Specifications	CD section
Output level	1,2 V ± 2 dB
Output level difference between L R channels	less than 2 dB
Frequency response (using 1 kHz reference)	20 Hz – 20 kHz
Seperation	60 dB @ 1 kHz
THD	0,1 % @ 1 kHz
Signal / noise ratio	70 dB



Technical Specifications	Tuner section
Tuning frequency range	87,5 Hz — 108 MHz
IF frequency	10,7 MHz
30 dB quieting sensitivity	10 μV
Signal / noise ratio	60 dB
IF rejection	75 dB
Image rejection	25 dB
THD	0,8 %
Stereo separation	30 dB @ 1 kHz
Frequency responce	100 Hz – 10 kHz



### **DIGITAL SIGNAL PROCCESING INSTALLATION AMPLIFIERS** iA240X, iA360X & iA480X ..... A4X120D..... MIXING AMPLIFIERS iCOM 2X20 .....iCOMC 2X20 ..... FM/AM/CD/USB Optional Module .. FM/AM/USB/SD Optional Module .. MPA 30..... **MIXING PREAPLIFIERS** iMIX 63.... iMIX 2..... **MUSIC PLAYERS** MP 01 & MP 02 .. MP 02B..... MP 03 ..... MP 05 ..... MP 06S .... **POWER AMPLIFIERS**

### **MP Music Players**

Rack mount music players.

MP 05 music player/recorder with integrated SD/MMC and USB flash drive readers and CD player. CD, USB flash drive or SD/MMC card selectable for play back. Recording function is performed on memory cards or USB Flash drive. MP 05 can be controlled by IR remote control, RS232 interface or by trigger inputs in remote control connector.





	MP 05
Music sources	USB ash, SD / MMC card, CD
nput	Stereo RCA and stereo balanced XLR (REC input)
Output	Stereo RCA and stereo balanced XLR
ower supply	AC 230V 50 Hz
ower consumption	50 VA
utput level	+ 3 dBu ± 2 dBu
lax. REC input level	0 dBu
HD	0,1 %
equency response	20 Hz - 20 kHz
gnal to noise ratio	70 dB
tereo reparation	60 dB
upported audio formats	Compressed audio
emote control	IR remote control, RS 232, triger inputs
eight eight	3,74 kg
imensions	482 mm x 44 mm x 250 mm



#### **MUSIC PLAYERS**

### **MP Music Players**

Rack mount music players.

MP 06S - rack mount professional music player with SPEED CONTROL. This function allows to speed up and slow down the music tracks played from files recorder on CD, SD and USB readers. The player has integrated FM tuner with 30 radio station pre-sets. IR remote control is included in a package. Two separate CD, SD, USB and FM tuner RCA line outputs support 2-zone applications. Priority output is activated if music from CD, USB or SD card stops playing. In this case FM tuner automatically starts playing to that output. Player is ready for 24/7 operation. Ideal music source player for fitness and aerobics.





Technical S	pecifications	MP 06S
FM systhesiz	er tuner	
30 preset me	emories	
CD with mec	hanic & electronic anti-shock, CD, CD-R, CD-	RW, USB, SD, Compressed audio files support
Input:	FM $75\Omega$ unbalanced antenna terminal USB / SD port for memory stick	
Output:	3 x Stereo RCA	
Power supply	у	AC 230 V 50 Hz
Power consu	mption	50 VA
Weight		3,5 kg
Dimensions		482 mm x 44 mm x 250 mm, 1U 19

Technical Specifications	CD section
Output level	$+$ 3 dBu $\pm$ 2 dBu
Output level difference between L R channels	less than 2dB
Frequency response	20 Hz - 20 kHz
Seperation	60 dB @ 1 kHz
THD	0,1 %
Signal to noise ratio	70 dB

AMC Product Catalogue - ELECTRONICS

Technical Specifications	Tuner section
Tuning frequency range	87,5 Mhz - 108
Signal to noise ratio	60 dB
IF frequency	10,7 MHz
Seperation	30 dB
THD	0,8 %
Frequency response	100 Hz - 10 kHz



INSTALLATION AMPLIFIERS	
iA2X250 & iA4X125	
iA240X, iA360X & iA480X	
A4X120D	
MIXING AMPLIFIERS	
iCOM 2X20	
iCOMC 2X20	
MA 30X	
MA2X100	
MA2X100 MA 60, MA 120 & MA240	10
MMA 120X & MMA 240X	
MMA 120X & MMA 240XFM/AM/CD/USB Optional Module	
FM/AM/USB/SD Optional Module	
MPA 30	
MIXING PREAPLIFIERS	
iMIX 63 iMIX 2	
iMIX 2	
iMIX 2	
MUSIC PLAYERS MP 01 & MP 02	10
MUSIC PLAYERS MP 01 & MP 02 MP 02B	10
iMIX 2  MUSIC PLAYERS  MP 01 & MP 02  MP 02B  MP 03	10
iMIX 2	10

DIGITAL SIGNAL DEOCCESING



**PA Systems** should be heard and not seen.



**MUSIC PLAYERS** 

#### **Live Radio Player**

Internet RADIO and FM radio player.



## LIVE RADIO

LIVE RADIO – a modern music player with integrated Internet radio player, Media player, FM radio tuner and USB flash reader. Device is connected to LAN network over Wi-Fi or cable interface. Main functions can be controlled with IR remote control. RDS and ID3 support. This device is engineered to provide online music setups, with surprising capabilities.



Technical Specifications	LIVE RADIO
Power supply	~ 230V/ 50 Hz
Max power consumption	20W
<b>Music</b> sources	Internet radio FM radio Media player USB flash
Inputs	75Ω unbalanced FM antenna terminal 2.4 GHz SMA terminal for Wi-Fi antenna RJ45 (Ethernet) cable terminal
Outputs	Stereo RCA Optical output TOSLINK
Max output level	+2 dBu
FM frequency range	87.5 – 108 MHz
FM preset stations	10
Internet radio preset stations	10
Media player	Supports compressed audio formats



- (
- 1
- (
-
-
-
- (
è
- 1-
-

INSTALLATION AMPLIFIERS	
iA2X250 & iA4X125	91
iA240X, iA360X & iA480X	92-93
A4X120D	
MIXING AMPLIFIERS	
iCOM 2X20	96
iCOMC 2X20	
MA 30X	
MA2X100	
MA 60, MA 120 & MA240	
MMA 120X & MMA 240X	102-103
FM/AM/CD/USB Optional Module	
FM/AM/USB/SD Optional Module	
MPA 30	
MIXING PREAPLIFIERS	
iMIX 63	
iMIX 2	107
MUSIC PLAYERS	
MP 01 & MP 02	108-109
MP 02B	
MP 03	
MP 05	
MDOCC	

**DIGITAL SIGNAL PROCCESING** 

LIVE RADIO.

#### **POWER AMPLIFIERS**

#### **A Power Amplifiers**

Professional two channel power amplifiers.

### A100

Modern design with ultra slim body. Screw terminal speaker connectors and balanced Phoenix input connectors with a fan cooling system and bridge mode selector. Can be used for live music, background music and voice. These professional power amplifiers are designed in order to meet the increasing demand of low power amplifiers for the installation market.

These stereo power amplifiers have complete circuit fault protection and offer a superior performance.



Technical Specifications	A 100
Output power	Rated 100 W + 100 W (4 Ω), 70 W+70 W (8 Ω)
Power supply	~230 V/115 V 50/60Hz
Outputs	Screw terminal block
Inputs	Connectors - Balanced Phoenix, Impedance - 10 k $\Omega$ , input sensitivity - 0,775V
Frequency response	25 Hz - 25 kHz
THD	< 0,03 %
Signal / noise ratio	> 100 dB
Damping factor	$>$ 400 at 8 $\Omega$
Controls	Power switch, volume, mode selector
Indicators	Power, signal, clip, protect
Dimensions	482 mm x 45 mm x 320 mm
Weight	7,8 kg
Mounting	19" rack
Colour	Black (RAL 9017)

#### **POWER AMPLIFIERS**

#### **A Power Amplifiers**

Professional two channel power amplifiers.



A200

Modern design with ultra slim body. Screw terminal speaker connectors and balanced Phoenix input connectors with a fan cooling system and bridge mode selector. Can be used for live music, background music and voice. These professional power amplifiers are designed in order to meet the increasing demand of low power amplifiers for the installation market.

These stereo power amplifiers have complete circuit fault protection and offer a superior performance.



Technical Specifications	A 200
Output power	Rated 200 W + 200 W (4 Ω), 130 W+130 W (8 Ω)
Power supply	~230 V/115 V 50/60Hz
Outputs	Screw terminal block
Inputs	Connectors - Balanced Phoenix, Impedance - 10 k $\Omega$ , input sensitivity - 0,775V
Frequency response	25 Hz - 25 kHz
THD	< 0,03 %
Signal / noise ratio	> 100 dB
Damping factor	> 400 at 8 Ω
Controls	Power switch, volume, mode selector
Indicators	Power, signal, clip, protect
Dimensions	482 mm x 45 mm x 320 mm
Weight	9 kg
Mounting	19" rack
Colour	Black (RAL 9017)



TRODUCTION

iA2X250 & iA4X125iA240X, iA360X & iA480X	
A4X120D	
ATA 1200	
MIXING AMPLIFIERS	
iCOM 2X20	
iCOMC 2X20	
MA 30X	
MA2X100	
MA 60, MA 120 & MA240	100
MMA 120X & MMA 240X	102
FM/AM/CD/USB Optional	Module
FM/AM/USB/SD Optional	
MPA 30	
MIXING PREAPLIFIERS	
iMIX 63	
iMIX 2	
IIVIIA Z	
MUSIC PLAYERS	
MP 01 & MP 02	108
MP 02B	
MP 03	
IVIF U3	

**POWER AMPLIFIERS** 

**DIGITAL SIGNAL PROCCESING** 

OHACGEOT :

ICKOPH

AMC Product Catalogue - ELECTRONICS

#### **POWER AMPLIFIERS**

#### **A Power Amplifiers**

Professional two channel power amplifiers.

2A 400

2A amplifiers are robust, neutral and clear sounding and designed for continual 24/7 operation. Amplifier class - AB. Operating mode: stereo and mono bridge. Balanced XLR and Phoenix connectors. LINK output. Ground lift switch. Input sensitivity selector. Protection level: short circuit, thermal overheat and DC voltage.





Technical Specifications		2A 400		
Output nawar	Stereo mode	$400 \text{ W} + 400 \text{ W} (8 \Omega), 700 \text{ W} + 700 \text{ W} (4 \Omega)$		
Output power	Bridge mode	1250 W (8 Ω), 1700 W (4 Ω)		
Power supply	,			
Output connectors		4 pin Speakon and binding posts		
Input		Connector - Balanced XLR and Phoenix , input sensitivity - 0,77 V/1,0 V/1,44 V impedance - 10 kΩ		
Frequency response		15 Hz - 25 kHz		
THD		< 0,03 % (1 kHz @ full power)		
Signal / noise ratio		> 102 dB		
Slew rate		40V/μS		
Damping factor		$>$ 400 at 8 $\Omega$		
Controls		Power switch, volume, ground lift, sensitivity, mode selector, compressor		
Indicators		Power, signal,clip, protect, brigde, parallel		
Dimensions		482 mm x 89 mm x 453 mm		
Weight		22,5 kg		
Mounting		19" rack		

#### **POWER AMPLIFIERS**

### **A Power Amplifiers**

Professional two channel power amplifiers.



2A amplifiers are robust, neutral and clear sounding and designed for continual 24/7 operation. Amplifier class - AB. Operating mode: stereo and mono bridge. Balanced XLR and Phoenix connectors. LINK output. Ground lift switch. Input sensitivity selector. Protection level: short circuit, thermal overheat and DC voltage.

Technical Specifications		2A 600
Output nower	Stereo mode	$600 \mathrm{W} + 600 \mathrm{W} (8 \Omega), 1050 \mathrm{W} + 1050 \mathrm{W} (4 \Omega)$
Output power	Bridge mode	1750 W (8 Ω), 2300 W (4 Ω)
Power supply		~230 V/ 50 Hz
Output connectors 4 pin Speakon and binding posts		
Input Connector - Balanced XLR and Phoenix , input sensitivity - 0,77 V/1,0 V/1,44 V impedance - 10		
Frequency response		15 Hz - 25 kHz
THD < 0,035 % (1 kHz @ full power)		
Signal / noise ratio		> 105 dB
Slew rate 40V/µS		
Damping factor		$>$ 400 at 8 $\Omega$
Controls		Power switch, volume, ground lift, sensitivity, mode selector, compressor
Indicators		Power, signal,clip, protect, brigde, parallel
Dimensions		482 mm x 89 mm x 453 mm
Weight		25 kg
Mounting	Mounting 19" rack	



DIGITAL SIGNAL PROCCESING DSP 88	
<u> </u>	
INSTALLATION AMPLIFIERS	
iA2X250 & iA4X125iA240X, iA360X & iA480X	
A4X120D	
MIXING AMPLIFIERS	
iCOM 2X20	
iCOMC 2X20	
iCOMC 2X20MA 30X	
MA2X100	
MA2X100 MA 60, MA 120 & MA240 MMA 120X & MMA 240X	100
MMA 120X & MMA 240X	102
FM/AM/CD/USB Optional Module	
FM/AM/USB/SD Optional Module	
MPA 30	
MIXING PREAPLIFIERS	
iMIX 63	
iMIX 2	
MUSIC PLAYERS MP 01 & MP 02	
MP 02B	108
MP 03	
MP 06S	
LIVE RADIO	
POWER AMPLIFIERS	
A100	
A200	

AMPLIFIER 2A 600



# MICROPHONES

AMC Product Catalogue – MICROPHONES

JNE3 - <b>\</b> /	
– X	
_/\	

#### **WIRELESS MICROPHONES**

**MOUNTING BRACKETS AND CONNECTORS...** 

iLIVE 1 HANDHELD Wireless Microphone System	
iLIVE 1 HEADSET Wireless Microphone System	
iLIVE 1 LAVALIER Wireless Microphone System	
iLIVE 2 HANDHELD Wireless Microphone System	
iLIVE 2 HEADSET Wireless Microphone System	
iLIVE 2 LAVALIER Wireless Microphone System	
iLIVE 2X2 Wireless Microphone Systems	l
UX3 Wireless Microphone Systems	
iLIVE 12 HM Headset Microphone	
iLIVE 12 LM Lavalier Microphone	
SH 1 Headset Microphone	
MICROPHONES	
iSING D Dynamic Vocal Handheld Microphone	ا
PAGE STATION Paging Microphone	
PAGE STATION 5X Paging Microphone	
TALK C1 Condenser Gooseneck Microphone	
TALK D Dynamic Gooseneck Microphone	
TALK ST Gooseneck Microphone Table Stand	

C	)	
E		
E	ֹ	
È	5	
2	5	
7	5	
0		
Ē		
Z	Z	
=	=	

IVE I HANDHELD	14
LIVE 1 HEADSET	
IVE 1 LAVALIER	124
IVE 2 HANDHELD	12!
.IVE 2 HEADSET	126
IVE 2 LAVALIER	
IVE 2X2	
X3	
IVE 12 HM	
IVE 12 LM	
H 1	13:
NICROPHONES	
IICROPHONES SING D	13
AGE STATION	134
AGE STATION 5X	
ALK C1	
ALK D	
ALK ST	
OUNTING BRACKETS AND	
ONNECTORS	124
ONNECTORS	E

WIRELESS MICROPHONES

A new innovative restaurant has taken the Russian December 8th, 2010.

This must-see Lounge/Restaurant setting is exclusive to the 'Little Buddha Kaliningrad' and offers an unrivalled atmosphere compared to the other restaurants in the city. This place, home to the world-famous concept offering exclusive atmospheres and refinement, is an exquisite fusion of Western modernity and Eastern traditions.

The best Dj's distill their musical selections to infuse your dining and clubbing experiences to the next level since evenings in this sanctuary with an indescribable sensuality. The main audio system was equipped with 24 high quality Live star series AMC Monitor 8 loudspeakers. In the public spaces iPlay 6 cabinet speakers and PC 8X ceiling speakers have been used.

Charm of exotic and soothing atmosphere

0050000 0500000 1000101 000000 051000

Warm and clear sound of Monitor 8 has created a very comfortable sound atmosphere in the main bar area and is good for background music and DJ performance.

#### **iLive UHF Wireless Microphone Systems**

iLive 1 true diversity wireless microphone systems

### iLIVE 1 HANDHELD

iLive 1 handheld true diversity wireless microphone system with 32 selectable channels. Automatic channel synchronization and automatic frequency selection. The microphone signal receiver, handheld microphone transmitter and jack/jack cable are included in every package. Advanced design PCB and excellent quality metal body handheld microphone transmitter equipped with dynamic cardioid microphone capsule makes these sets very universal for use on stage and in the conference rooms.

Technical Specifications	iLIVE 1 handheld transmitter
Carrier frequency range	606 MHz - 621 MHz
Modulation	FM
Channels	32
Audio frequency response	45 Hz - 18 kHz
S/N ratio	> 105 dB
Antenna	Built-in spiral antenna
Transmitter's power	15 mW
Working range	90 m (Note: actual range depends on RF signal absorption, reflection and interference)
Polar pattern	Cardioid
Battery	2 x 1,5 V AA Alkaline battery
Dimensions	240 mm (lenght)
Weight	302 g
Material	Aluminum



Technical Specifications	iLIVE 1 receiver
Power supply	12-15 V DC, 1.25 A
Output	Balanced XLR, unbalanced 6,3 mm TS JACK
Receiver way	Two frequency conversion super-heterodynes
Intermediate frequency	10,7 MHz
Antenna	BNC
T.H.D	< 0,7 %
Sensitivity	6 dB μV
Image rejection	36 dB
Max. audio output	0 dB
Dimensions (H x W x D)	45 mm x 210 mm x 206 mm
Weight	1.4 kg
Material	Steel enclosure, aluminum front panel

#### **WIRELESS MICROPHONES**

#### **iLive UHF Wireless Microphone Systems**

iLive 1 true diversity wireless microphone systems



### iLIVE 1 HEADSET

iLive 1 headset true diversity wireless microphone system with 32 selectable channels, automatic channel synchronization and automatic frequency selection. The microphone signal receiver, body pack transmitter with head worn, body color condenser microphone and jack/jack cable are included in every package. This system is designed for use in the theatres, conference rooms and on the stage.



Technical Specifications	iLIVE 12 HM
Capsule type	Condenser
Impedance	200 Ω
Sensitivity	-47 dB
Frequency	45 Hz - 18 kHz
Connectors	4 pin mini XLR connector
Phantom power voltage	5V DC
Cable length	1 m
Weight	15 g
Colour	Skin (RAL 1014)
Accessories	Windscreen

Technical Specifications	iLIVE 1 receiver
Power supply	12-15 V DC, 1.25 A
Output	Balanced XLR, unbalanced 6,3 mm TS JACK
Receiver way	Two frequency conversion super-heterodynes
Intermediate frequency	10,7 MHz
Antenna	BNC
T.H.D	< 0,7 %
Sensitivity	6 dB μV
Image rejection	36 dB
Max. audio output	0 dB
Dimensions (H x W x D)	45 mm x 210 mm x 206 mm
Weight	1.4 kg
Material	Steel enclosure, aluminum front panel

echnical Specifications	iLIVE 1 body pack transmitter
arrier frequency range	606 MHz - 621 MHz
lodulation	FM
hannels	32
udio frequency response	45 Hz - 18 kHz
/N ratio	> 105 dB
ntenna	1/4 wave antenna
put connector	4 pin mini XLR connector
ansmitter's power	15 mW
Orking range	90 m (Note: actual range depends on RF signal absorption, reflection and interference)
olar pattern	Cardioid
attery	2 x 1,5 V AA Alkaline battery
imensions (H x W x D)	110 mm x 64 mm x 25 mm
/eight	165 g
laterial	Plastic

**WIRELESS MICROPHONES ILIVE 1 HANDHELD. ILIVE 1 HEADSET** . .123 **ILIVE 1 LAVALIER** 124 **ILIVE 2 HANDHELD** .125 iLIVE 2 HEADSET . iLIVE 2 LAVALIER . .126 127 iLIVE 2X2... .128 .129 iLIVE 12 HM. .130 iLIVE 12 LM. .131 .132 **MICROPHONES** iSING D ..... PAGE STATION ..... PAGE STATION 5X .133 .134 .135 TALK C1. .136 TALK D. .137 TALK ST .....
MOUNTING BRACKETS AND .138

.139

CONNECTORS.

#### **iLive UHF Wireless Microphone Systems**

iLive 1 true diversity wireless microphone systems

### iLIVE 1 LAVALIER

iLive 1 lavalier true diversity wireless microphone system with 32 selectable channels, automatic channel targeting and synchronization with automatic frequency selection. The microphone signal receiver, body pack transmitter with lavalier microphone and jack/jack cable are included in each set. Very stable signal transmission and reception, choice of selectable channel frequencies allows the use of the microphones in a various environments without any distortion.



<b>Technical Specifications</b>	iLIVE 12 LM
Capsule type	Condenser
Impedance	200 Ω
Sensitivity	-46 dB
Frequency	50 Hz - 18 kHz
Connectors	4 pin mini XLR connector
Phantom power voltage	5 V
Cable length	1 m
Weight	21 g
Colour	Black RAL9017
Accessories	Windscreen

Technical Specifications	iLIVE 1 receiver
Power supply	12-15 V DC, 1.25 A
Output	Balanced XLR, unbalanced 6,3 mm TS JACK
Receiver way	Two frequency conversion super-heterodynes
Intermediate frequency	10,7 MHz
Antenna	BNC
T.H.D	< 0,7 %
Sensitivity	6 dB μV
Image rejection	36 dB
Max. audio output	0 dB
Dimensions (H x W x D)	45 mm x 210 mm x 206 mm
Weight	1.4 kg
Material	Steel enclosure, aluminum front panel

Technical Specifications	iLIVE 1 body pack transmitter
Carrier frequency range	606 MHz - 621 MHz
Modulation	FM
Channels	32
Audio frequency response	45 Hz - 18 kHz
S/N ratio	> 105 dB
Antenna	1/4 wave antenna
Input connector	4 pin mini XLR connector
Transmitter's power	15 mW
Working range	90 m (Note: actual range depends on RF signal absorption, reflection and interference)
Polar pattern	Cardioid
Battery	2 x 1,5 V AA Alkaline battery
Dimensions (H x W x D)	110 mm x 64 mm x 25 mm
Weight	165 g
Material	Plastic

### **iLive UHF Wireless Microphone Systems**

iLive 2 antenna diversity wireless microphone systems.





## iLIVE 2 HANDHELD

iLive 2 handheld antenna diversity wireless microphone system with 32 selectable channels with automatic channel targeting and synchronization. The microphone signal receiver, handheld microphone transmitter and jack/jack cable are included in each set. Advanced design PCB and excellent quality metal body handheld microphone transmitter equipped with dynamic cardioid microphone capsule makes these sets very universal for use on stage and in the conference rooms.

Technical Specifications	iLIVE 2 handheld transmitter
Carrier frequency range	606 MHz - 621 MHz
Modulation	FM
Channels	32
Audio frequency response	45 Hz - 18 kHz
S/N ratio	> 105 dB
Antenna	Built-in spiral antenna
Transmitter's power	15 mW
Working range	60 m (Note: actual range depends on RF signal absorption, reflection and interference)
Polar pattern	Cardioid
Battery	2 x 1,5 V AA Alkaline battery
Dimensions	240 mm (lenght)
Weight	302 g
Material	Aluminum



Technical Specifications	iLIVE 2 receiver
Power supply	12-15 V DC, 1.25 A
Output	Balanced XLR, unbalanced 6,3 mm TS JACK
Receiver way	Two frequency conversion super-heterodynes
ntermediate frequency	10,7 MHz
Antenna	BNC
r.H.D	< 0,7 %
Sensitivity	6 dB μV
mage rejection	36 dB
Max. audio output	0 dB
Dimensions (H x W x D)	45 mm x 210 mm x 206 mm
Weight	1.3 kg
Material	Steel enclosure, aluminum front panel

WINELESS MICHOI HOMES	
iLIVE 1 HANDHELD	22
<b>ILIVE 1 HEADSET</b> 1	23
iLIVE 1 LAVALIER	
iLIVE 2 HANDHELD1	125
<b>ILIVE 2 HEADSET</b> 1	126
iLIVE 2 LAVALIER1	127
iLIVE 2X2	128
UX3	
iLIVE 12 HM1	
iLIVE 12 LM	131
SH 1	132
MICROPHONES iSING D1	
iSING D1	133
PAGE STATION	
PAGE STATION 5X	13:
TALK C1	136
TALK D	37
TALK ST	138
MOUNTING BRACKETS AND	

CONNECTORS..

### **iLive UHF Wireless Microphone Systems**

iLive 2 antenna diversity wireless microphone systems.

### iLIVE 2 HEADSET

iLive 2 headset antenna diversity wireless microphone system with 32 selectable channels with automatic channel targeting and synchronization. The microphone signal receiver, body pack transmitter with head-worn, body color condenser microphone and jack/jack cable are included in each set. The system is used on the stage and in the conference rooms.



Technical Specifications	ILIVE 12 HM
Capsule type	Condenser
Impedance	200 Ω
Sensitivity	-47 dB
Frequency	45 Hz - 18 kHz
Connectors	4 pin mini XLR connector
Phantom power voltage	5 V
Cable length	1 m
Weight	15 g
Colour	Skin (RAL 1014)
Accessories	Windscreen

Technical Specifications	iLIVE 2 receiver
Power supply	12-15 V DC, 1.25 A
Output	Balanced XLR, unbalanced 6,3 mm TS JACK
Receiver way	Two frequency conversion super-heterodynes
Intermediate frequency	10,7 MHz
Antenna	BNC
T.H.D	< 0,7 %
Sensitivity	6 dB μV
lmage rejection	36 dB
Max. audio output	0 dB
Dimensions (H x W x D)	45 mm x 210 mm x 206 mm
Weight	1.3 kg
Material	Steel enclosure, aluminum front panel

Technical Specifications	iLIVE 2 body pack transmitter
Carrier frequency range	606 MHz - 621 MHz
Modulation	FM
Channels	32
Audio frequency response	45 Hz - 18 kHz
S/N ratio	> 105 dB
Antenna	1/4 wave antenna
Input connector	4 pin mini XLR connector
Transmitter's power	15 mW
Working range	60 m (Note: actual range depends on RF signal absorption, reflection and interference)
Polar pattern	Cardioid
Battery	2 x 1,5 V AA Alkaline battery
Dimensions (H x W x D)	110 mm x 64 mm x 25 mm
Weight	76 g
Material	Plastic

#### **WIRELESS MICROPHONES**

#### **iLive UHF Wireless Microphone Systems**

iLive 2 antenna diversity wireless microphone systems.



### iLIVE 2 LAVALIER

iLive 2 lavalier antenna diversity wireless microphone system with 32 selectable channels with automatic channel targeting and synchronization. The microphone signal receiver, body pack transmitter with lavalier microphone and jack/jack cable are included in each set. Very stable signal transmission and reception, choice of selectable channel frequencies allows the use of the microphones in a various environments without any distortion.



Technical Specifications	iLIVE 12 LM
Capsule type	Condenser
Impedance	200 Ω
Sensitivity	-46 dB
Frequency	50 Hz - 18 kHz
Connectors	4 pin mini XLR connector
Phantom power voltage	5V
Cable length	1 m
Weight	21 g
Colour	Black RAL9017
Accessories	Windscreen

AMC Product Catalogue - MICROPHONES

Technical Specifications	iLIVE 2 receiver
Power supply	12-15 V DC, 1.25 A
Output	Balanced XLR, unbalanced 6,3 mm TS JACK
Receiver way	Two frequency conversion super-heterodynes
Intermediate frequency	10,7 MHz
Antenna	BNC
T.H.D	< 0,7 %
Sensitivity	6 dB μV
Image rejection	36 dB
Max. audio output	0 dB
Dimensions (H x W x D)	45 mm x 210 mm x 206 mm
Weight	1.3 kg
Material	Steel enclosure, aluminum front panel

echnical Specifications	iLIVE 2 body pack transmitter
arrier frequency range	606 MHz - 621 MHz
Modulation	FM
hannels	32
udio frequency response	45 Hz - 18 kHz
/N ratio	> 105 dB
ntenna	1/4 wave antenna
nput connector	4 pin mini XLR connector
ransmitter's power	15 mW
Vorking range	60 m (Note: actual range depends on RF signal absorption, reflection and interference)
olar pattern	Cardioid
attery	2 x 1,5 V AA Alkaline battery
imensions (H x W x D)	110 mm x 64 mm x 25 mm
Veight	76 g
Material	Plastic

ILIVE 1 HANDHELD	12
ILIVE 1 HEADSET	12
ILIVE 1 LAVALIER	12
ILIVE 2 HANDHELD	
iLIVE 2 HEADSET	1
iLIVE 2 LAVALIER	
iLIVE 2X2	
UX3	
iLIVE 12 HM	
iLIVE 12 LM	1:
SH 1	1:
MICROPHONES	
MICROPHONES iSING D	13
PAGE STATION	13
PAGE STATION 5X	13
TALK C1	
TALK D	
TALK ST	1
MOUNTING BRACKETS AND	
CONNECTORS	13

#### **WIRELESS MICROPHONES**

#### **iLive UHF Wireless Microphone Systems**

iLive 2X2 dual channel wireless microphone receivers

iLive 2X2 dual channel wireless receiver with 2 handheld transmitters, 32 selectable channels and automatic channel targeting. These universal dual channel receivers can be combined with handheld microphone or body pack transmitter together with lavalier or headset microphone. iLive 2X2 receivers can be used with all AMC iLive2 series hand held transmitters and body packs.



Technical Specifications	iLIVE 2X2
Carrier frequency range	606 MHz - 621 MHz
Power supply	12 - 15 DC, 1.25 A
Outputs	Balanced XLR, unbalanced 6,3 mm TS Jack
Receiver way	Two frequency conversion super heterodynes
Intermediate frequency	10,7 MHz
Antenna connector	BNC
T.H.D	< 0,7 %
Sensitivity	6 dB μV
Image rejection	36 dB
Max audio output level	0 dBu
Dimensions	45 mm x 210 mm x 206 mm
Weight	1,4 kg
Material	Steel enclosure, aluminum front panel

#### **WIRELESS MICROPHONE SYSTEM**

### **Live Star UHF Wireless Microphone System**

Fixed frequency wireless microphone system

## Live Star UX3

Fixed frequency wireless microphone systems with handheld transmitters. UX 3 systems are available in 4 fixed frequencies 626.63 MHz, 630.4 MHz, 863.425 MHz and 864.9 MHz. Simple setup, LED backlight display, RF and AF indicators, volume control, dynamic cardioid capsule, balanced XLR and unbalanced 6,3mm TS jack outputs. iLive UX 3 is perfect budget microphone system for schools or small meeting rooms.

Carrier frequency  626,63 MHz & 630,4 MHz &63,425 MHz & 864,9 MHz  Power supply  12 - 16 V DC, 400mA  Outputs  Balanced XLR, unbalanced 6,3 mm TS Jack  Modulation  FM  Frequency response  40 Hz - 18 kHz  THD  0,5 %  Signal / noise ratio  85 dB  Antenna connector  BNC  Max. audio output level  Transmitter's power  10 mW  Working range  60 m (Note: actual range depends on RF signal absorption and interference)  Capsule polar pattern  Battery  2 x 1,5 V AA alkaline battery  Material  Plastic  Weight  1,4 kg  Receivers dimensions  42 mm x 200 mm x 150 mm	Technical Specifications	UX 3
Outputs  Balanced XLR, unbalanced 6,3 mm TS Jack  Modulation  FM  Frequency response  40 Hz - 18 kHz  THD  0,5 %  Signal / noise ratio  85 dB  Antenna connector  BNC  Max. audio output level  Transmitter's power  10 mW  Working range  60 m (Note: actual range depends on RF signal absorption and interference)  Carbule polar pattern  Battery  2 x 1,5 V AA alkaline battery  Material  Plastic  Weight  1,4 kg  Receivers dimensions  42 mm x 200 mm x 150 mm	Carrier frequency	626,63 MHz & 630,4 MHz 863,425 MHz & 864,9 MHz
Modulation FM Frequency response 40 Hz - 18 kHz THD 0,5 % Signal / noise ratio 85 dB Antenna connector BNC Max. audio output level -6 dBu (balanced), -12 dBu (unbalanced) Transmitter's power 10 mW Working range 60 m (Note: actual range depends on RF signal absorption and interference) Capsule polar pattern Cardioid Battery 2 x 1,5 V AA alkaline battery Material Plastic Weight 1,4 kg Receivers dimensions 42 mm x 200 mm x 150 mm	Power supply	12 - 16 V DC, 400mA
Frequency response 40 Hz - 18 kHz THD 0,5 % Signal / noise ratio 85 dB Antenna connector BNC Max. audio output level -6 dBu (balanced), -12 dBu (unbalanced) Transmitter's power 10 mW Working range 60 m (Note: actual range depends on RF signal absorption and interference) Capsule polar pattern Cardioid Battery 2 x 1,5 V AA alkaline battery Material Plastic Weight 1,4 kg Receivers dimensions 42 mm x 200 mm x 150 mm	Outputs	Balanced XLR, unbalanced 6,3 mm TS Jack
THD 0,5 % Signal / noise ratio 85 dB Antenna connector BNC Max. audio output level -6 dBu (balanced), -12 dBu (unbalanced) Transmitter's power 10 mW Working range 60 m (Note: actual range depends on RF signal absorption and interference) Capsule polar pattern Cardioid Battery 2 x 1,5 V AA alkaline battery Material Plastic Weight 1,4 kg Receivers dimensions 42 mm x 200 mm x 150 mm		FM
Signal / noise ratio  Antenna connector  Max. audio output level  Transmitter's power  Working range  Capsule polar pattern  Battery  2 x 1,5 V AA alkaline battery  Material  Plastic  Weight  1,4 kg  Receivers dimensions  42 mm x 200 mm x 150 mm	Frequency response	40 Hz - 18 kHz
Antenna connector  Max. audio output level  Transmitter's power  10 mW  Working range  Cardioid  Battery  2 x 1,5 V AA alkaline battery  Material  Plastic  Weight  1,4 kg  Receivers dimensions  BNC  Mote: actual range depends on RF signal absorption and interference)  Cardioid  Battery  2 x 1,5 V AA alkaline battery  Material  Plastic  42 mm x 200 mm x 150 mm		0,5 %
Antenna connector  Max. audio output level  Transmitter's power  10 mW  Working range  Go m (Note: actual range depends on RF signal absorption and interference)  Capsule polar pattern  Battery  2 x 1,5 V AA alkaline battery  Material  Plastic  Weight  1,4 kg  Receivers dimensions  42 mm x 200 mm x 150 mm	Signal / noise ratio	85 dB
Transmitter's power  Working range 60 m (Note: actual range depends on RF signal absorption and interference.) Capsule polar pattern Battery 2 x 1,5 V AA alkaline battery Material Plastic Weight 1,4 kg Receivers dimensions 42 mm x 200 mm x 150 mm		BNC
Transmitter's power 10 mW  Working range 60 m (Note: actual range depends on RF signal absorption and interference )  Capsule polar pattern  Battery 2 x 1,5 V AA alkaline battery  Material Plastic  Weight 1,4 kg  Receivers dimensions 42 mm x 200 mm x 150 mm		-6 dBu (balanced), -12 dBu (unbalanced)
Working range 60 m (Note: actual range depends on RF signal absorption and interference )  Capsule polar pattern Cardioid  Battery 2 x 1,5 V AA alkaline battery  Material Plastic  Weight 1,4 kg  Receivers dimensions 42 mm x 200 mm x 150 mm	·	
Capsule polar pattern  Battery  2 x 1,5 V AA alkaline battery  Material  Plastic  Weight  1,4 kg  Receivers dimensions  42 mm x 200 mm x 150 mm		
Battery 2 x 1,5 V AA alkaline battery  Material Plastic  Weight 1,4 kg  Receivers dimensions 42 mm x 200 mm x 150 mm		
Material Plastic Weight 1,4 kg Receivers dimensions 42 mm x 200 mm x 150 mm		
Weight 1,4 kg Receivers dimensions 42 mm x 200 mm x 150 mm		
Receivers dimensions 42 mm x 200 mm x 150 mm		
LiveStar 3  LiveStar 3  REQUENCY 8883.425	-	
LiveStar 3 CH- 85 853.425 MH		
		LiveStar 3 Resources 883.

1		1	1		
		١			
4	N	1	Ç	ā	

WIKELESS MICKOPHONES	
iLIVE 1 HANDHELD	12
ILIVE 1 HEADSET	12
iLIVE 1 LAVALIER	
ILIVE 2 HANDHELD	12
iLIVE 2 HEADSET	
iLIVE 2 LAVALIER	12
iLIVE 2X2	12
UX3	
iLIVE 12 HM	
iLIVE 12 LM	
SH 1	13
MICROPHONES iSING D	
iSING D	13
PAGE STATION	
PAGE STATION 5X	
TALK C1	
TALK D	
TALK ST	13
MOUNTING BRACKETS AND	
CONNECTORS	13

AMC Product Catalogue - MICROPHONES

#### **WIRELESS MICROPHONES**

#### **iLive Microphones**

Microphones for iLive 1&2 body pack transmitters.

## iLIVE 12HM

iLive HM headset microphones are ideally suited for vocal sound and speech application which requires much freedom of movement, such as dancing and sports. Microphone capsule diameter is only 3.0 mm. Light headsets allow using this headset very comfortable. For use only with iLive 1 and iLive 2 body pack.



<b>Technical Specifications</b>	iLIVE 12HM
Capsule type	Condenser
Impedance	200 Ω
Sensitivity	-47 dB
Frequency	45 Hz - 18 kHz
Connectors	4 pin - mini XLR
Phantom power voltage	5 V DC
Cable length	1 m
Weight	15 g
Colour	Skin (RAL 1014)
Accessories	Windscreen

#### **WIRELESS MICROPHONES**

#### **iLive Microphones**

Microphones for iLive 1&2 body pack transmitters.



## iLIVE 12LM

iLive 12 LM lavaliere microphones are used in TV or radio studio or for conference applications. For use in a wireless mode iLive 1 or iLive2 body pack transmitter is needed.



Technical Specifications	iLIVE 12LM
Capsule type	Condenser
Impedance	200 Ω
Sensitivity	-46 dB
Frequency	50 Hz - 18 kHz
Connectors	4 pin - mini XLR
Phantom power voltage	5 V
Cable length	1 m
Weight	21 g
Colour	BLack (RAL 1014)
Accessories	Windscreen

	0
	н
	Ü
	Š
	_
	0
	ď
	F
	$\overline{}$
	_

.12
12
12
12
12
12
12
12
13
. 13
. 13
. 13
.13
13
13
13
13
13
.13

AMC Product Catalogue - MICROPHONES

### Microphones

Microphones for iLive 1&2 body pack transmitters.

SH1 is light headset for our wireless systems with moisture-repellent and resistant to corrosion condenser capsule. Headset has easily adjustable belt to make the headset size comfortable to wear. The headset is made in skin colour and is virtually invisible during performance. Headset microphone sounds excellent and is sweat proof. Perfect choice for theatre, aerobic, dance show and other live entertainment events.



Technical Specifications	SH1
Capsule type	Condenser
Impedance	1,5 kΩ (at 1 kHz)
Sensitivity	-68 dB
Frequency	70 Hz - 16 kHz
Connectors	4 pin - mini XLR
Operating voltage	1V-10V
Cable length	1,2 m
Weight	30 g
Colour	Skin (RAL 1014)
Accessories	Windscreen, clip

**MICROPHONES** 

### **Vocal Microphones**

Dynamic microphone for stage.



iSING D

Excellent quality metal bodied microphone with dynamic super cardioid capsule. iSing microphone has an integrated on/off switch and XLR connector and comes supplied with a 4.5m XLR-Jack audio cable.



Technical Specifications	iSing D
Frequency response	80 Hz — 12 kHz
Sensitivity	-73 dBu
Output impedance	600 Ω
Cable length	4,5 m
Cable connectors	XLR - Mono ¼" jack
Weight	360 g
Switch	ON/OFF



WIRELESS MICROPHONES	
LIVE 1 HANDHELD	122
LIVE 1 HEADSET	123
LIVE 1 LAVALIER	
LIVE 2 HANDHELD	
LIVE 2 HEADSET	
LIVE 2 LAVALIER	
LIVE 2X2	
JX3	
LIVE 12 HM	
LIVE 12 LM	
5H 1	
оп I	132
MICROPHONES	
SING D	133
PAGE STATION	134
PAGE STATION 5X	
TALK C1	
TALK D	
TALK ST	
MOUNTING BRACKETS AND	130
CONNECTORS	120

PAGE

### **Gooseneck Microphones**

Gooseneck microphones for paging.

## PAGE STATION

Flexible gooseneck condenser microphone with table stand, high sensitivity - 36 dB, 16 mm diameter capsule, 50 Hz - 18 kHz frequency response and easily adjustable microphone neck. A phantom power adapter is integrated in to the table stand. Noise free on/off switch with led indicator, rubber coated body, balanced XLR connectors and high quality super cardioid capsule. Supplied with two different size windscreens.



Technical Specifications	Page station
Capsule type	Condenser
Impedance	200 Ω
Sensitivity	-36 dB
Frequency	50 Hz—18 kHz
Connector	3-pin male XLR
Polar pattern	Supercardioid
Phantom power voltage	9 V - 50 V DC
Dimensions	355 mm (microphone length)
Weight	800 g
Material	Table stand - aluminum, gooseneck - steel
Colour	Black (RAL 9017)

#### **MICROPHONES**

### **Gooseneck Microphones**

5 zone paging microphone.





## PAGE STATION 5X

PAGE STATION 5X - five zone paging microphone for MMA 120X and MMA 240X mixing amplifiers. Chime, signal and clip indicator, microphone volume control, RJ45 connector, condenser microphone capsule. Lock/unlock switch allows lock to any selected combination your zone switches. It helps to prevent accidentally zone selection and makes usage more comfortable if you make announcements to the same zones all the time.



AMC Product Catalogue - MICROPHONES

Technical Specifications	Page station 5X
Power supply	± 15 V
Input sensitivity	- 50 dBu
Frequency response	45 Hz - 15 kHz
Signal / noise ratio	< 90 dBu
THD	< 0,1 %
Dimensions	140 mm x 60 mm x 205 mm
Weight	0,9 kg
Colour	Black (RAL 9017)

	0
В	
H	J
	ŏ
	۵
	O
-	ř
Ц	=
	Z

.IVE	12
LIVE 1 HEADSET	
.IVE 1 LAVALIER	124
.IVE 2 HANDHELD	
IVE 2 HEADSET	126
IVE 2 LAVALIER	
IVE 2X2	128
X3	120
IVE 12 HM	130
IVE 12 LM	
H 1	137
	132
MICROPHONES	
AICROPHONES SING D	133
AGE STATION	
AGE STATION 5X	
ALK C1	136
ALK D	
ALK ST	
MOUNTING BRACKETS AND	
ONNECTORS	139

**WIRELESS MICROPHONES** 

TALK C1 - condenser gooseneck microphone with integrated phantom power adapter. High sensitivity, 80 Hz - 18 kHz frequency response. Can be used with a TALK ST stand as a desktop microphone. Uses an XLR connector and supplied with windscreen.



#### **MICROPHONES**

#### **Gooseneck Microphones**

Gooseneck microphones for paging.







TALK D - dynamic gooseneck microphone with robust construction and steel grill capsule basket. Designed for paging in acoustic-sensitive rooms. Complete with integrated XLR connector.

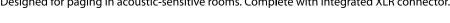


Table stand TALK ST should be ordered separately





Technical Specifications	Talk D
Capsule type	Dynamic
Impedance	500 Ω
Sensitivity	- 76 dB
Frequency	150 Hz-12 kHz
Connector	3-pin male XLR
Dimensions	425 mm (length)
Weight	176 g
Material	Steel
Colour	Black

WIRELESS MICROPHONES
iLIVE 1 HANDHELD12
iLIVE 1 HEADSET12
iLIVE 1 LAVALIER 12
iLIVE 2 HANDHELD12
iLIVE 2 HEADSET
iLIVE 2 LAVALIER
iLIVE 2X2
UX3
iLIVE 12 HM
iLIVE 12 LM
SH 1
SH 11:
MICROPHONES
iSING D1
PAGE STATION13
PAGE STATION 5X
TALK C1
TALK D
TALK ST13
MOUNTING BRACKETS AND
MOUNTING BRACKETS AND

**CONNECTORS..** 

AMC Product Catalogue - MICROPHONES

Table stand TALK ST should be ordered separately

### **Table Stands for Gooseneck Microphones**

TALK table stand for gooseneck microphones.

### TALK ST

TALK ST microphone stands for XLR gooseneck microphones, complete with push to talk and on/off switches.

Technical Specifications	Talk ST
Connector	Microphone input: 3-pin female XLR Cable: 3-pin male XLR
Characteristics	Plug-in metal desk stand with on/off switch for microphones with XLRM connectors
Dimensions	45 mm × 110 mm × 140 mm
Weight	856 g
Material	Die-cast metal, rubber feet
Colour	Black





#### **MICROPHONE ACCESSORIES**

#### Accessories

Mounting accessories for iLive/Mic wireless microphone systems and mini XLR connectors.



## MOUNTING BRACKETS AND CONNECTORS

#### **Antenna Front Mount Rack Panel iLive ARP**

iLive ARP Antenna rack mount for mounting antennas in the front of the rack. 1U high antenna rack mount panel with antenna cables with BNC connectors.

Product Name	iLive ARP
Cable length	2 x 80 cm
Connectors	BNC
Weight	438 g
Dimensions	45 mm x 485 mm x 2 mm
Colour	Black (RAL 9017)

#### **Mini XLR Connectors**

iLive mini XLR 4 pin mini connector for iLive HM and LM microphones.

<b>Product Name</b>	iLive Mini XLR
Connector type	XLR
Gender	Female
Length	49 mm
Number of Pins	4
Colour	Black (RAL 9017)





Receiver Mounting Brackets iLive MB 12

iLive MB 12 rack mount brackets for iLive single channel receivers.



#### **Receiver Mounting Brackets iLive MB 12X2**

iLive MB 12X2 rack mount brackets for two units of iLive1 and iLive2 receivers

Product Name	iLive MB12x2
Set quantity	4 pcs
Material	Steel
Colour	Black (RAL 9017)





**WIRELESS MICROPHONES ILIVE 1 HANDHELD. ILIVE 1 HEADSET** . **ILIVE 1 LAVALIER** iLIVE 2 HANDHELD. iLIVE 2 HEADSET .... iLIVE 2 LAVALIER .... iLIVE 2X2... iLIVE 12 HM. iLIVE 12 LM. SH 1 ... .132 **MICROPHONES** iSING D ..... PAGE STATION ..... PAGE STATION 5X . TALK C1. TALK D. TALK ST .....
MOUNTING BRACKETS AND

CONNECTORS.

.123

124

.125 .126 127

.128 .129

.130

.131

.133

.134 .135

.136

.137

.138

.139