



MOULDED CABINET LOUDSPEAKERS

PWC6T/EN



The PWC6T/EN is an easy-to-install wallmount speaker, consisting of an impact-resistant ABS plastic housing with Zinkor-steel mesh. The PWC6T/EN is mounted with two screws. Through his snap mechanism, the decorative grille is only on the housing pressed and thus the installation of this speaker is completed. The PWC6T/EN is suitable for both voice and music broadcasts.



EN54-24:2008 0359-CPD-0151 TYPE A

● Standard	Compliant to EN54-24 Compliant to BS5839:8
● Electrical	
Rated power, Watts	6
Tappings 100 Volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms 100 Volt	1.67k/3.33k/6.66k/13.3k/40k
Tappings 70.7 Volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	220-18.500
S.P.L. @ 1 m, 1 Watt, dB, Octave, 100 Hz-10 kHz	93
S.P.L. @ 1 m, Full power, dB, Octave, 100 Hz-10 kHz	100
S.P.L. @ 4 m, 1 Watt, dB, 1/3 Octave, 100 Hz-10 kHz	79
S.P.L. @ 4 m, Full power, dB, 1/3 Octave, 100 Hz-10 kHz	83
Dispersion at 1k/2k Hz, Degrees	167/89 Horizontal 115/104 Vertical
● Environmental	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative Humidity	≤95%
● Mechanical	
Dimensions, WxHxD mm	233 x 168 x 75
Net weight, kg	1.05
Colour (Unless Specified)	White, RAL9016
Material	Low smoke zero Halogen UL-94V0 Plastic with UV inhibitors
Mounting	2x Screws
Safety	Ceramic Block Thermal Fuse



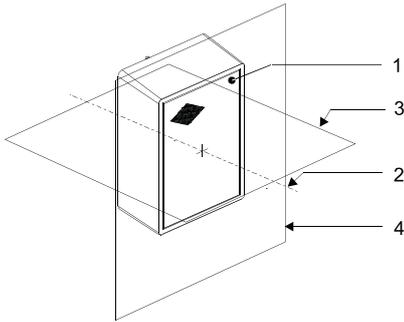
ATEIS Europe B.V.
Celsiusstraat 1, 2652 XN Lansingerland, Netherlands
Phone +31 (0)10 208 86 90, www.ateis-europe.com, info@ateis-europe.com



INSTALLATION GUIDE

PWC6T/EN

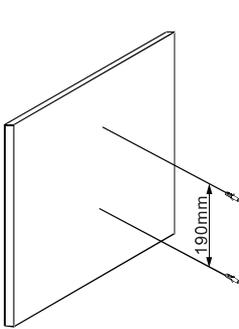
EN54-24:2008
0359-CPD-0151
TYPE A



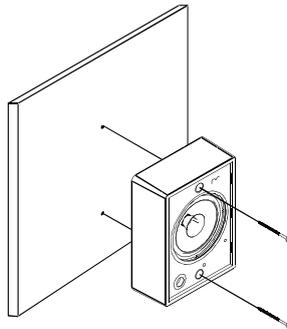
1. Loudspeaker enclosure
2. Reference axis
3. Reference plane
4. Horizontal plane

With Transformer:
100V/70V line

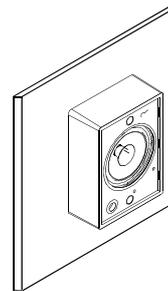
	White wire plus tapping					Black
100V	0.25W	0.75W	1.5W	3W	6W	COM
70V	0.125W	0.375W	0.75W	1.5W	3W	COM
IMP (Ω)	39.9k	13.3k	6.6k	3.3k	1.67k	



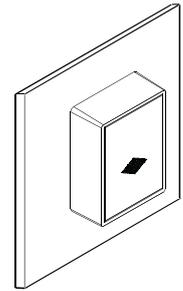
1) Remove the front grill from the speaker by using a flat blade or screw driver placed between the grill and case. Gently lever the grill upwards taking care not to damage the grill or plastic cabinet.



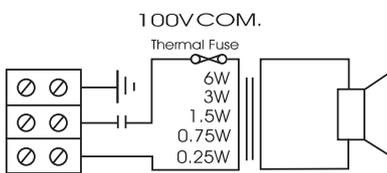
2) Once the grill has been removed place the speaker on a flat surface in your chosen position. Mark the fixing points on the wall. Prepare the wall to take the fixings. If 20mm cable glands are to be used then the speaker cabinet can be drilled using a suitable drill bit. Make sure you place the cable entry in a location that will not prevent the cable from being blocked or restricted by any internal components.



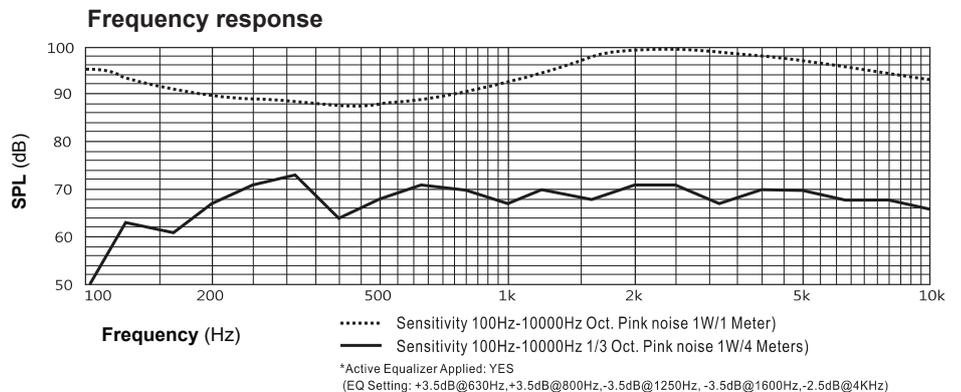
3) Connect the speaker cable into the 3 way terminal block located on the cabinet. Select your required tapping. Fix the speaker cabinet to the wall using suitable fixings (not provided).



4) Fit the front grill by aligning it with the cabinet and simply push it into place.



Circuit Diagram



Disclaimer: We reserve the right of changes and errors.



ATEIS Europe B.V.
Celsiusstraat 1, 2652 XN Lansingerland, Netherlands
Phone +31 (0)10 208 86 90, www.ateis-europe.com, info@ateis-europe.com

