

DSE-600M MOBILE ALARM SIREN

In addition to alerting people in life threatening situations, the DSE-600M mobile alarm siren also features an information function, e.g. during evacuation or to provide any information to the public. Mobile siren complements the equipment of emergency, rescue and military services. It allows providing information to any place that is beyond the reach of stationary alarm sirens.



ADVANTAGES AND FEATURES

RANGE

The 600W DSE-600M mobile alarm siren is provided with 4 aluminium speakers with an omnidirectional sound propagation characteristics and SPL intensity of 109 dB(A)/30 m. Depending on the terrain the range of the siren covers 0.5 km±3 km.

POWER SUPPLY

DSE-600M provides many hours of field work thanks to the independent 1.6 kW diesel generator. Additionally, it can be supplied from back-up batteries (33 Ah min) or through a 230 VAC mains socket.

CONTROLS

The siren can be operated locally from the control panel installed at the siren and remotely – by radio, if it works in the existing digitexCZK/IP public warning system.

MAST

The DSE-600M siren speakers are mounted on an automatic pneumatic speaker mast.

VOICE MESSAGES

DSE-600M enables playback of recorded messages and transmission of live voice messages.

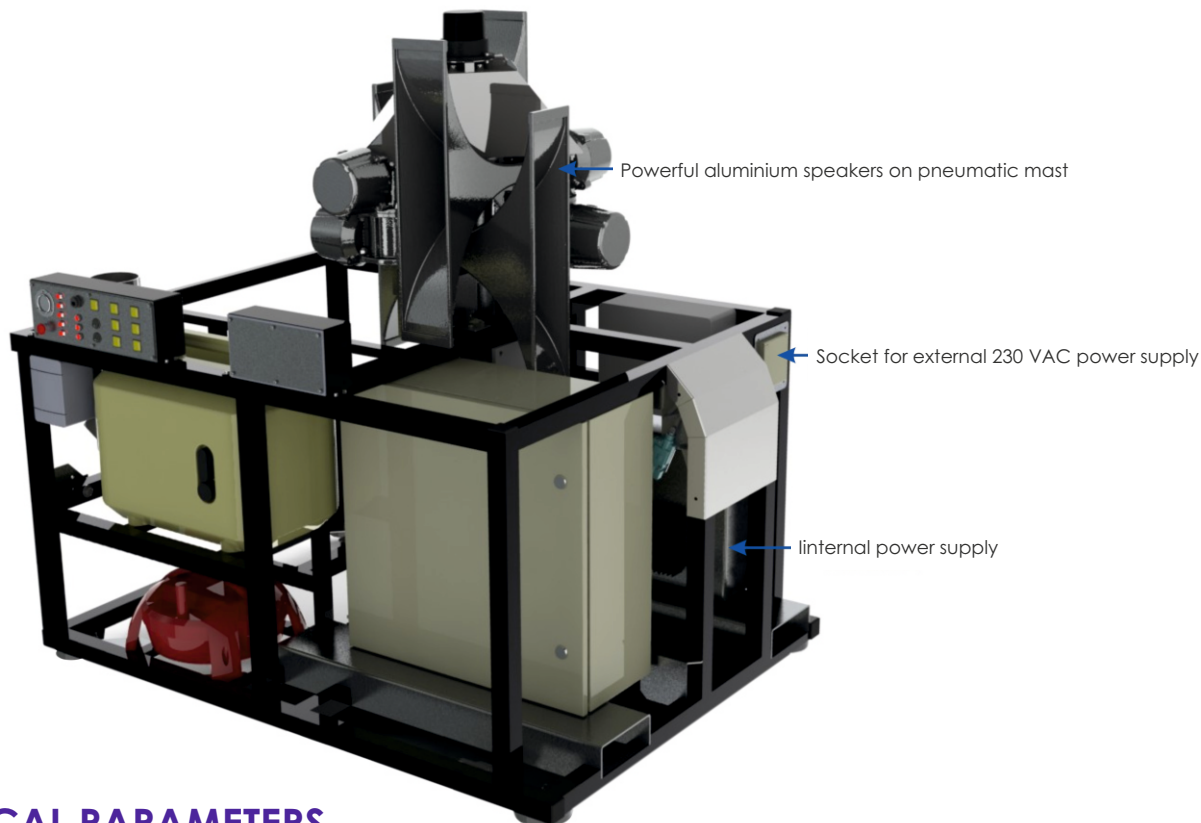
INSTALLATION

The multi-purpose, aluminium frame allows the installation of a mobile siren on any trailer (one or two-axle), and vehicle with adequate cargo space, e.g. on a pickup truck.

CONTROL

The DSE-600M mobile alarm sirens are controlled by a control panel controlling the mast automatic system, control panel controlling the operation of the electronic siren, microphone for transmitting voice messages or LCD keypad with a microphone installed in the car's cabin.





TECHNICAL PARAMETERS

Power output	600 W
Sound Pressure Level	109 dB(A)/30 m
No. of speakers	4
No. of amplifiers	2 x 300 W
Sound frequencies	dual tone 400 ÷ 430 Hz
Sound transmission band	≥ 300 ÷ 5000 Hz
Main power supply	1,6 KW (diesel unit)
Back-up power supply	2 x 12 V (33 Ah) AGM / 230 V +/- 10%
Power consumption (standby)	average, 6 W
Power consumption during charging	max 150 W
Internal lighting	24 VDC (2x)
No. of alarms on standby power supply	up to 20 x 1-minute alarms (24h after switching off the main power supply)
Operating time on back-up power supply (standby)	up to 30 days
Operating temperature	between -20 °C and +65 °C
Signalling lamp	LED on the top of the mast
Materials	SLOTTED SPEAKERS: aluminium alloy SUPPORTING FRAME: Galvanized and painted steel PNEUMATIC MAST: aluminium alloy
Degree of protection	IP65
Speaker cover	fabric
Mounting	Multi-purpose steel frame, painted and galvanized
Dimensions	1.5 m (H), 1.4 m (L), 1 m (W) Height of the extended mast with speakers up to 5 m
Weight	up to 400 kg.
Warranty	24 months

