

Professional Series

Features:

- ▶ Component: 6" full-range dual-cone loudspeaker
- ▶ EN54-24 certified and compliant standard.
- ▶ 10W, transformer for use on 100V distributed speaker lines.

Applications:

EN 06 is a wall-mounted speaker series with EN54-24 certification. Specially designed to obtain EN54 certification.

A high temperature ceramic input connector with metal inserts secures bare wire terminations for +, -, and case ground connections, and an in-line thermal fuse protects the distributed speaker line from becoming shorted out when a fire or other issue affects any of the individual speakers. The backcan contains two wiring access holes with sealed diaphragm-type grommets to help physically protect the wire and helps to seal the system at the entrance point.



Specifications:

System:	Frequency Range (-10 dB) ¹ :	150 Hz – 20 kHz
	Power Capacity ² :	10 Watts (at 10W tap)
	Rated Pink Noise Power:	10 Watts (at 10W tap)
	Rated Pink Noise Voltage:	100V distributed speaker line voltage
	Nominal Sensitivity :	92 dB
	Coverage Pattern ³ :	120° conical (2 kHz)
	Coverage Angles (by Frequency):	4000 Hz 2000 Hz 1000 Hz 500 Hz
	Conical (Vertical & Horizontal):	100° 120° 180° 180°
	Reference Axis for Specifications:	The reference axis for specifications is directly on-axis vertically and horizontally, directly below the speaker as speaker is installed in the horizontal ceiling plane.
	Rated Maximum SPL:	102 dB @ 1m (3.3 ft) average SPL (6W tap @ 100V)
	Nominal Impedance:	10W @ 100V
	Transformer Taps:	10W at 100V. Selected by sliding the included fast-on connector onto the proper tab on the transformer.
Electrical:	Fuse:	Thermal fuse, open temperature 150 degrees C; 2A@250VAC; UL, CUL, VDE, PSE and CCC approved.
System:	Connections:	Input +, Input -, Earth Ground (connected to metal speaker baffle). Ceramic block with brass inserts (3.2 mm / 0.12 in. opening) accommodates 2.5 sq mm / 12 AWC wire.
	Safety Agency:	EN54- 24 certified (Certificate No: 3N200710. TECU12
	Ambient Temp Range:	-10°C to +55°C
Enclosure:	Installation:	Fire dome installation via two metal clamps, affixed via hex head clamp screws from inside of fire dome. Speaker installation via two torsion springs into hooks on inside of fire dome. See installation instructions.
	Wire Entrance:	Two diaphragm-type sealed-grommet entrance points on backcan in 20 mm (0.82 in) diameter cutouts that can be field fitted with installer-supplied 19 mm (3/4-inch) mount gland nut for additional seal or strain relief.
	Size:	195 mm x260mm x80mm
	Net Weight:	2.6 Kg (5.78 lb) per speaker