

## Professional Series

### Features:

- ▶ Component: 4" full-range dual-cone loudspeaker
- ▶ EN54-24 certified and compliant standard.
- ▶ 10W, transformer for use on 100V distributed speaker lines.



### Applications:

EN 02 Meet the ceiling type EN 54-24 serviced speaker. It is ready to give you the best sound with its 4 inch structure.

The ceiling loudspeaker with EN 54-24 certificate is always ready for fire hazard due to porcelain sockets.

### Specifications:

Frequency Range (-10 dB) <sup>1</sup> :	90 Hz – 16 kHz			
Power Capacity <sup>2</sup> :	6 Watts (at 6W tap)			
Rated Pink Noise Power:	6 Watts (at 6W tap)			
Rated Pink Noise Voltage:	100V distributed speaker line voltage			
Nominal Sensitivity :	92 dB			
Coverage Pattern <sup>3</sup> :	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:	91 dB @ 1m (3.3 ft) average SPL (6W tap @ 100V)			
Nominal Impedance:	6W @ 100V			
Transformer Taps:	6W 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.		
Transducer:	Driver:	4 inc dual-cone driver, paper cone		
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			
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.			
Ceiling Cutout Size:	14 mm diameter hole ±2 mm (0.1 in).			
Ceiling Thickness Range:	0.5 mm to 17 mm ceiling thickness			
Net Weight:	1 Kg per speaker			
Shipping Weight:	1,1 Kg per speaker			