

# C8.IT

Ceiling mounted two-way vented enclosure

## features

- ▶ Two-way high performance flush mounting ceiling speaker
- ▶ 8" (200mm) UL94V-0 carbon fibre loaded polypropylene cone bass
- ▶ Wide dispersion – 90° conical up to 7kHz
- ▶ High & low impedance operation – transformer included
- ▶ 110dB max SPL @ 1 metre (16 ohm)
- ▶ 125 watt power handling (60W through transformer)
- ▶ Polyswitch and thermal fuse protected
- ▶ Steel backcan

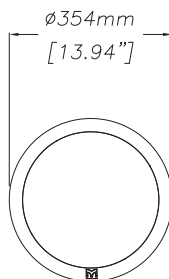
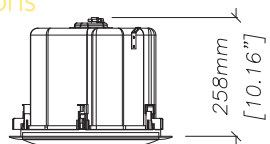
## applications

- ▶ Fixed installs in ceilings & walls
- ▶ Bars and restaurants

The C8.IT is designed for higher ceilings where its high SPL capability and controlled 90° dispersion deliver excellent intelligibility in more reverberant spaces. It uses an 8" (200mm) unit with a carbon fibre loaded polypropylene cone and a 1" (25mm) horn-loaded dome tweeter mounted side by side for optimum dispersion and smooth off-axis response. The ported enclosure extends low frequency performance, and the 5-point mounting system ensures fast, secure installation. Input and link terminals make paralleling units straightforward, and a steel cover plate protects the input connector against fire.

**These products comply with UL2043 Fire Tests for Heat & Visible Smoke Release for Discrete Products and their Accessories Installed in Air Handling Spaces. Listed UL1480 General Signalling Speakers. SUITABLE FOR USE IN AIR HANDLING SPACES**

## overall dimensions



architectural

## technical specifications

TYPE	Ceiling mounted two-way vented enclosure
FREQUENCY RESPONSE (1)	80Hz-18kHz $\pm$ 3dB -10dB @ 50Hz
DRIVERS	8" (200mm) UL94V-0 PP bass driver 1" (25mm) dome tweeter
RATED POWER (2)	125W AES, 500W peak
SENSITIVITY (3)	91dB
MAXIMUM SPL (4)	110dB continuous, 116dB peak
NOMINAL IMPEDANCE	16 ohms
DISPERSION (-6dB)	90° conical up to 7kHz
CROSSOVER	3kHz passive
ENCLOSURE	Steel backcan
FINISH	Bezel & grille – white UV resistant Overpaintable Backcan – zinc plated
PROTECTIVE GRILLE	Perforated steel
CONNECTORS	Phoenix MSTB 2,5/ 4-ST (1754481)
ACCESSORIES (included)	60W 70/100V line transformer Tile rails C bracket Paint mask Cut-out template
VOLTAGE TAPS	100V – 60W, 30W, 15W 70V – 60W, 30W, 15W, 7.5W
DIMENSIONS	(OD) 354mm x (D) 258mm (OD) 13.9ins x (D) 10.2ins
CUT-OUT DIAMETER	308mm (12.14ins)
WEIGHT	6.7kg (14.8lbs)

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