

# C10.IR

Ceiling mounted, two-way vented

## features

- ▶ Two-way high performance ceiling speaker
- ▶ 10" (250mm) bass driver
- ▶ 1" (25mm) exit compression driver
- ▶ High power 200W AES
- ▶ Controlled 90° conical dispersion up to 10kHz
- ▶ Designed to fit Lowell and Atlas rectangular rear enclosures
- ▶ Optional 150W 70/100V line transformer

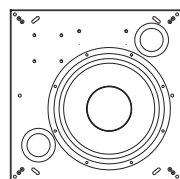
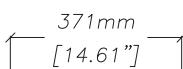
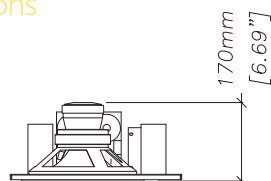
## applications

- ▶ High power / high ceiling fixed installations
- ▶ Bars and restaurants

The C10.IR has been specifically designed for venues with high ceilings or where greater SPL is required. The C10.IR employs a proprietary coaxial 10" (250mm) bass driver with a well damped, fire retardant, fibre cone and a through-the-pole firing 1" (25mm) compression driver. By matching the compression driver to the cone flare using a precision engineered pole piece and aluminium extension the cone and throat form a perfect horn loading giving the C10.IR very controlled dispersion over its 90° coverage.

The C10.IR has been made to suit the Lowell and Atlas rectangular rear enclosures and grilles.

## overall dimensions



C10.1R



## technical specifications

TYPE	Ceiling mounted, two-way vented
FREQUENCY RESPONSE (1)	For a 39 litre rectangular enclosure 60Hz-19kHz $\pm$ 3dB -10dB @ 40Hz
DRIVERS	10" (250mm) bass driver 1" (25mm) exit HF compression driver
RATED POWER (2)	200W AES, 800W peak
SENSITIVITY (3)	94dB
MAXIMUM SPL (4)	115dB continuous, 121dB peak
NOMINAL IMPEDANCE	16 ohms
DISPERSION (-6dB)	90° conical up to 10kHz
CROSSOVER	2kHz passive
ENCLOSURE	User provided
FINISH	Black paint
PROTECTIVE GRILLE	User provided
CONNECTORS	Rising clamp plug and socket
OPTIONS	150W 70/100V line transformer
VOLTAGE TAPS	100V - 150W, 75W 70V - 150W, 75W, 37W
DIMENSIONS	371mm x 371mm x (D) 170mm 14.6ins x 14.6 x (D) 6.7ins
WEIGHT	5.5kg (12.1lbs) 8kg (17.6lbs) with transformer fitted