

CXT600 Specifications



Description

The EAW CXT line of ceiling speakers is a cost effective professional set of ceiling speakers that can provide solutions for high quality sound and install friendly features for applications requiring mid-volume music playback and paging.

The EAW CXT600 is a full-range 6.5" coaxial, ported ceiling speaker that provides premium performance and wide dispersion in a simple blind mount installation package. The coaxial design pairs a 6.5" LF and .75" soft dome tweeter for a coherent 110-degree conical dispersion, 96Hz-20kHz response, handling 100W and delivering a 114dB Max-SPL. A 70V/100V multi-tap transformer, with a bypass low-impedance mode, provides a solution for installed distributed music and paging application such as cafes, retail, houses of worship, theater common areas, lounges, hotels, schools and more. Included accessories such as tile rails, C-rings, cut-out templates and paint shields provide everything required for installation.

Two-way Coaxial Ceiling Speaker

Configuration

Subsystem

	Transducer	Loading
LF:	6.5 in. coated paper cone woofer	Vented
HF:	3/4 in. silk dome tweeter	Waveguide

Operating Mode

Amplifier Channels

Single-amp: LF/ HF

Signal Processing

High Pass filter

Acoustical Performance

Operating Range

62 Hz to 20 kHz (-10dB)

Frequency Response

96 Hz to 20 kHz (+/-3dB)

Nominal Beamwidth

110° Conical

Axial Sensitivity (half space SPL)

LF/HF 91 dB

Maximum SPL (@ 1 m)

Average: 108 dB

Peak: 114 dB

Nominal Impedance

8Ω (in bypass mode)

Transformer Taps

70V: 3.8W, 7.5W, 15W, 30W

100V: 7.5W, 15W, 30W

Power Handling

100 W continuous program

Mechanical

Input Connector

Removable 4-pin screw terminal with loop thru

Materials

Back Can: Zinc-plated Steel

Bezel material: ABS

Weight

7.4 lbs/3.4 kg

Dimensions

Diameter: 9.9 in / 251 mm

Front of Ceiling Tile to Back of Can: 8.8 in / 223 mm

Cutout Size: 8.8 in / 224 mm

Included Accessories

- C-ring
- Tile Support Rails
- Cut-out Template
- Paint Shield
- Removable Locking Input Connector
- Grille