

CXT800 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 CXT800 is a full-range 8" coaxial, ported ceiling speaker that provides premium performance and wide dispersion in a simple blind mount installation package. The coaxial design pairs an 8" LF and 1" soft dome tweeter for a coherent 90-degree conical dispersion, 80Hz-17kHz response, handling 180W and delivering a 118dB 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:	8 in. coated paper cone woofer	Vented
HF:	1 in. silk dome tweeter	Waveguide

Operating Mode	Signal Processing
Amplifier Channels	High Pass filter
Single-amp:	LF/ HF

Acoustical Performance

Operating Range
58 Hz to 20 kHz (-10dB)

Frequency Response
80 Hz to 17 kHz (+/-3dB)

Nominal Beamwidth
90° Conical

Axial Sensitivity (half space SPL)
LF/HF 92 dB

Maximum SPL (@ 1 m)
Average: 112 dB
Peak: 118 dB

Nominal Impedance

8Ω (in bypass mode)

Transformer Taps

70V: 7.5W, 15W, 30W, 60W
100V: 15W, 30W, 60W

Power Handling

180 W continuous program

Mechanical

Input Connector

Removable 4-pin screw terminal with loop thru

Materials

Back Can:	Zinc-plated Steel
Bezel material:	ABS

Weight

13.86 lbs/ 6.3 kg

Dimensions

Diameter:	13.0 in / 329 mm
Front of Ceiling Tile to Back of Can:	11.3 in / 288 mm
Cutout Size:	11.7 in / 296 mm

Included Accessories

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