

# 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. polypropylene woofer	Vented
HF:	3/4 in. damped cloth 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 / 223 mm

#### Included Accessories

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