

# CXT800S 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 CXT800S is an 8" ceiling subwoofer in a simple blind mount installation package. The vented design delivers a 42Hz-200Hz response while handling 180W and delivering a 116dB Max-SPL. A 70V/100V multi-tap transformer, with a bypass low-impedance mode, allows it to be combined with CXT coaxial full range speakers to provide low frequency extension for distributed music applications such as cafes, retail, houses of worship, theater common areas, lounges, hotels, and more. Included accessories such as tile rails, C-rings, cut-out templates and paint shields provide everything required for installation.

## Subwoofer Ceiling Speaker

### Configuration Subsystem

<b>Transducer</b>	<b>Loading</b>
8 in. polypropylene woofer	Vented

### Operating Mode

Single-amp:

<b>Amplifier Channels</b>	<b>Signal Processing</b>
LF	High Pass filter

### Acoustical Performance

#### Operating Range

42 Hz to 200 Hz (-10dB)

#### Nominal Beamwidth

180° Conical

#### Axial Sensitivity (half space SPL)

LF/HF 90 dB

#### Maximum SPL (@ 1 m)

Average: 110 dB  
Peak: 116 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 Materials

Removeable 4-pin screw terminal with loop thru

Back Can:	Zinc-plated Steel
Bezel material:	ABS

### Weight

16.0 lbs/ 7.3 kg

### Dimensions

Diameter:	13.0 in / 329 mm
Front of Ceiling Tile to Back of Can:	13.2 in / 335 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