

CS 3T

FULL-RANGE OPEN BACK CEILING SPEAKER WITH 70/100 V TRANSFORMER



The Extron CS 3T is a full-range ceiling speaker featuring an open back design with a transformer for use in non-plenum airspace environments. It features a 3" (7.6 cm) full-range driver and can be used in 70/100 volt or 8 ohm operation. The CS 3T provides an extremely wide 165° conical dispersion for flexibility in speaker spacing. It is designed for applications where high intelligibility and maximum coverage is desired in voice reinforcement applications and low ceiling installations.

- ▶ Open back, infinite baffle design
- ▶ 3" (7.6 cm) full-range driver
- ▶ 165° conical dispersion provides wide coverage and allows for flexible speaker placement
- ▶ 8 ohm direct or 70/100 volt operation on a 6 position, behind-the-grille selector:
 - 8 ohm direct
 - 70 volt: 16, 8, 4, 2, and 1 watt selectable
 - 100 volt: 16, 8, 4, and 2 watt selectable
- ▶ 16 watts continuous pink noise, 32 watts continuous program
- ▶ Internal driver overload protection
- ▶ Thin bezel and magnetically attached grille
- ▶ Spring-loaded locking arms for quick installation
- ▶ Optional Ceiling Mount Kit available for use with ceiling tiles
- ▶ Grille and bezel are available in white and may be painted to match environment
- ▶ 5 year parts and labor warranty



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **CS 3T** is a full-range ceiling speaker featuring an open back and transformer for use in non-plenum airspace environments. It features a 3" (7.6 cm) full-range driver and offers both direct 8 ohm or 70/100 volt operation with a behind-the-grille, six position power selector switch.

The CS 3T provides an extremely wide 165° conical dispersion for flexibility in speaker spacing. The speaker carries a power rating of 16 watts continuous pink noise and 32 watts continuous program.

The CS 3T features a thin-edged bezel magnetically attached grille for a refined appearance on the ceiling. The white grille and bezel can be painted to match the architectural elements of the environment. If installing the CS 3T into a ceiling tile, an optional Ceiling Mount Kit is available or can be teamed up with the CS 120P Plenum Enclosure.

The CS 3T speakers are sold in pairs and include a 5 years parts and labor warranty.

KEY FEATURES

- ▶ **Open back, infinite baffle design**
- ▶ **3" (7.6 cm) full-range driver**
- ▶ **165° conical dispersion provides wide coverage and allows for flexible speaker placement**
- ▶ **8 ohm direct or 70/100 volt operation on a 6 position, behind-the-grille selector:**
 - 8 ohm direct
 - 70 volt: 16, 8, 4, 2, and 1 watt selectable
 - 100 volt: 16, 8, 4, and 2 watt selectable
- ▶ **16 watts continuous pink noise, 32 watts continuous program**
- ▶ **Internal driver overload protection**
- ▶ **Thin bezel and magnetically attached grille**
- ▶ **Optional Ceiling Mount Kit available for use with ceiling tiles – includes C-rings & V-rails**
- ▶ **Grille and bezel are available in white only and may be painted to match environment**
- ▶ **5 year parts and labor warranty**

SPECIFICATIONS

AUDIO/ACOUSTIC AND ELECTRICAL		
Speaker type	1-way full-range in-ceiling speaker	
Frequency range	118 Hz to 20 kHz, -10 dB, half space (per IEC 60268-5)	
Power capacity	16 W (rms) continuous pink noise (per IEC 60268-5) 32 W (rms) continuous program	
Nominal sensitivity	83 dB SPL, 1 W, 1 m, 8 ohms direct, half space (per IEC 60268-5)	
Nominal impedance	8 ohms per speaker	
Nominal coverage angle	165° conical coverage (1 kHz to 4 kHz, weighted) 2 kHz - 4 kHz)	
Rotary switch taps	70 V input 16 W, 8 W, 4 W, 2 W, 1 W, 8 ohms direct 100 V input 16 W, 8 W, 4 W, 2 W, 8 ohms direct	
Driver	(1) 3" (76.2 mm) paper cone	
Overload protection	Full range power limiter	
Input/output connectors	(1) 5 mm captive screw connector, 4 pole with loop out	
GENERAL		
Package	2 speakers (1 pair)	
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing	
Mounting	Ceiling mountable with optional ceiling mounting kit or CS 120P enclosure	
Enclosure type	Enclosure materials High-impact, fire-resistant (UL94V-0) plastic Enclosure design Plastic, open back, infinite baffle	
Grille material	Steel	
Enclosure outer dimensions	3.0" H x 10.3" diameter (7.6 cm H x 26.2 cm diameter) Height is from front (bottom) of ceiling tile to top of withdrawn locking arms.	
Cutout dimensions	9.2" diameter (23.4 cm diameter)	
Product weight	Single: 3.4 lbs (1.6 kg)	
Regulatory compliance	Safety CE, NFPA 70, NFPA 90A UL listed for use in plenum air spaces: Meets UL 2043 for heat and smoke release (only when used with CS 120P). Meets UL 1480 for commercial and professional audio systems. Environmental Complies with the appropriate requirements of RoHS and WEEE.	
Warranty	5 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
CS 3T	Full-Range, Open Back Speaker, Transformer, Pair	60-1463-03
CS 120P	SpeedMount Enclosure, Pair	70-976-01
Ceiling Mount Kit	CS 3T Ceiling Mount Kit	70-996-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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