

CS 1226T Plus

TWO-WAY 70/100 V SPEEDMOUNT CEILING SPEAKER SYSTEM

SPEED MOUNT



The Extron CS 1226T Plus is a patented, plenum rated, two-piece speaker system designed for division-of-labor installations. It consists of the CS 120P ceiling tile enclosure and a CS 26T Plus two-way speaker cartridge. The CS 1226T Plus features an innovative speaker design that greatly simplifies ceiling speaker installation and delivers significant time and cost savings.

- ▶ Patented two-piece speaker system for suspended ceilings in division-of-labor installations
- ▶ CS 120P enclosure and CS 26T Plus speaker cartridge can be purchased as individual components and installed separately by low-voltage and AV system contractors
- ▶ Provides significant time and cost savings in ceiling speaker installation
- ▶ 3/4" (1.9 cm) ferrofluid-cooled dome tweeter mounted on an innovative honeycomb tweeter bridge
- ▶ 6.5" (16.5 cm) long-throw woofer with a tuned bass reflex port
- ▶ 8 ohm direct or 70/100 volt operation on a six-position, behind-the-grille selector
- ▶ Frequency range: 42 Hz to 20 kHz
- ▶ 60 watts continuous pink noise, 120 watts continuous program
- ▶ 112° conical dispersion provides wide coverage and allows for flexible speaker placement
- ▶ UL 2043 plenum rated enclosure
- ▶ Compatible with US 2'x2' ceiling grids and metric 600 mm x 600 mm ceiling grids
- ▶ 5 year parts and labor warranty



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **CS 1226T Plus** SpeedMount® Ceiling Speaker System is a patented low profile, plenum rated two-piece speaker system. It is comprised of a CS 120P plenum rated enclosure and a CS 26T Plus two-way speaker cartridge. The CS 120P enclosure installs quickly into 2' x 2' (61 cm x 61 cm) or metric 600 mm x 600 mm suspended ceiling grids. The CS 26T Plus speaker cartridge features a 6.5" (16.5 cm) woofer and a 3/4" (1.9 cm) ferrofluid-cooled dome tweeter in a coaxial design, with an innovative tweeter bridge that delivers smooth off-axis response. It offers wide 112° conical coverage for flexibility in speaker spacing, and can be used in 70/100 volt or 8 ohm operation. The CS 1226T Plus is available as a complete assembly, or the CS 120P and CS 26T Plus can be purchased separately to accommodate division-of-labor installations.

KEY FEATURES

- ▶ **Patented two-piece speaker system for suspended ceilings in division-of-labor installations:**
 - CS 120P plenum ceiling tile enclosure, 1' x 2' (30.5 cm x 61 cm), pair
 - CS 26T Plus two-way speaker cartridge, pair
- ▶ **Enclosure and speaker cartridge can be purchased as individual components and installed separately by low-voltage and AV system contractors**
- ▶ **Provides significant time and cost savings in ceiling speaker installation**
- ▶ **3/4" (1.9 cm) ferrofluid-cooled dome tweeter mounted on an innovative honeycomb tweeter bridge**
- ▶ **6.5" (16.5 cm) long-throw woofer with a tuned bass reflex port**
- ▶ **8 ohm direct or 70/100 volt operation on a six-position, behind-the-grille selector:**
 - 8 ohm direct
 - 70 volt: 32, 16, 8, 4, and 2 watt selectable
 - 100 volt: 32, 16, 8, and 4 watt selectable
- ▶ **Internal driver overload protection**
- ▶ **Thin bezel and magnetically attached grille**
- ▶ **Fast-installing enclosure speeds installation; no tile bridge necessary**
- ▶ **UL 2043 plenum rated enclosure**
- ▶ **Low profile, 5" (12.7 cm) deep enclosure for plenum environments**
- ▶ **Compatible with US 2' x 2' ceiling grids and metric 600 mm x 600 mm ceiling grids**

SPECIFICATIONS

CS 1226T PLUS SYSTEM – CS 120P AND CS 26T PLUS		
General		
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 included hardware	
Regulatory compliance		
Safety	CE, UL 2043, UL 1480, NFPA 90A, NFPA 80 UL listed for use in plenum air spaces: UL 2043 listed for heat and smoke release (only when CS 26T Plus is used with CS 120P). UL 1480 listed for commercial and professional audio systems.	
EMV/EMC	CE	
Warranty	5 years parts and labor	
NOTE: All nominal levels are at ±10%.		
CS 120P PLENUM ENCLOSURE		
General		
Package	2 plenum rear enclosures (1 pair)	
Enclosure type		
Enclosure materials	Aluminized fiberglass, plastic, MDF, steel	
Enclosure outer dimensions	23.7" L x 11.7" W x 4.9" D (60.1 cm L x 29.7 cm W x 12.4 cm D)	
Cutout dimensions	9.2" (23.4 cm) diameter	
Product weight	Single: 6.0 lbs (2.7 kg)	
Shipping weight	Pair: 16 lbs (7 kg)	
CS 26T PLUS SPEAKER CARTRIDGE		
Audio/acoustic and electrical		
Speaker type	2-way ceiling speaker	
Frequency range	42 Hz to 20 kHz, -10 dB, half space (per IEC 60268-5)	
Frequency response	58 Hz to 16 kHz, +/- 3 dB, half space	
Power capacity	60 W (rms) continuous pink noise (per IEC 60268-5) 120 W (rms) continuous program	
Nominal sensitivity	86 dB SPL, 1 W @ 1 m, half space	
Nominal impedance	8 ohms per speaker	
Crossover frequency	2.5 kHz	
Nominal coverage angle	112° conical coverage	
Rotary switch taps		
70 V input	32 W, 16 W, 8 W, 4 W, 2 W, 8 ohms direct	
100 V input	32 W, 16 W, 8 W, 4 W, 8 ohms direct	
Woofer	(1) 6.5" (165 mm) polypropylene cone with moisture resistant coating	
Tweeter	(1) 0.75" (19.1 mm) PEI dome	
Overload protection	Full range power limiter, protecting the tweeter, woofer, and crossover	
Input/output connectors	(1) 5 mm captive screw connector, 4 pole with loop out	
General		
Package	2 speakers (1 pair)	
Grille material	Steel	
Cutout dimensions	9.2" diameter (23.4 cm diameter)	
Product weight	Single: 5.7 lbs (2.6 kg)	
Shipping weight	Pair: 15 lbs (7 kg)	
Model	Version Description	Part number
CS 1226T Plus	Two-Way SpeedMount System, Pair	42-244-03
CS 26T Plus	Two-Way, Open Back Speaker, Transformer, Pair	60-1505-03
CS 120P	SpeedMount Enclosure, Pair	70-976-01

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

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