

Extron Speaker Innovation for Suspended Ceilings

Written by Roger Douglas
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Extron Electronics introduces the **SpeedMount** Ceiling Speaker System, a patented low profile, plenum rated two-piece ceiling tile speaker system for division-of-labor installations.

The CS 1226T SpeedMount speaker system, says Extron, greatly simplifies ceiling speaker installation and delivers significant time and cost savings. The 2-piece system consists of the CS 120P plenum rated enclosure and a CS 26T two-way speaker cartridge. A low-voltage contractor places the CS 120P enclosure directly on the ceiling grid without the need for a tile bridge, C-ring, or tile rails. Signal wiring is then routed to the enclosure. This dramatically cuts installation time and costs during the rough-in phase.

Later, an AV technician can quickly complete installation by connecting the CS 26T speaker cartridge to the wiring and securing it into the enclosure. The CS 1226T is the latest in Extron's expanding lineup of speaker system solutions that divide the installation labor between contractors, reduce parts counts, and streamline sound system integration.

The CS 1226T is available as a complete assembly of a pair of CS 120P enclosures and a pair of CS 26T speaker cartridges. The enclosures and speaker cartridge can also be purchased in pairs separately, so they can be delivered to low-voltage and AV system contractors.

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The CS 120P plenum enclosure installs quickly into 2' x 2' (61 cm x 61 cm) or metric 600 mm x 600 mm suspended ceiling grids. It features a shallow 5" (12.7 cm) profile, which simplifies installation into congested ceiling spaces around piping and ducts. The integrated tile bridge of the enclosure rests on the ceiling tile above the grid, evenly distributing the weight of the CS 120P and the CS 26T speaker cartridge. This avoids the need to assemble V-rails and C-rings, greatly reducing the number of installation steps and the chance of losing installation hardware.

The CS 26T speaker cartridge features a 6.5" (16.5 cm) woofer and a 3/4" (1.9 cm) tweeter in a coaxial design, and can be used in 70/100 volt or 8 ohm operation. It installs quickly and easily into the CS 120P enclosure. The CS 26T delivers high performance, full-range audio reproduction with a frequency response of 70 Hz to 20 kHz, and is optimized for a wide range of audio presentation applications for music, program, and voice. It features a power rating of 30 watts continuous pink noise and 60 watts continuous program capacity, and offers both direct 8 ohm or 70/100 volt operation with a behind-the-grille, six position power selector switch. The CS 26T features a magnetically attached grille and a thin-edged bezel for a refined appearance on the ceiling.

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