**FEATURES**
- Time-tested Metal Grille with Hardware-free Appearance
- Torsion-mount Assembly for Fast/Easy Installation
- Coaxial Tweeter for Smooth High-Frequency Dispersion
- Dual 70/7/25-volt Xfrmr with Spade-lug Taps
- Terminal Block Connection

**DESCRIPTION**
The premium Penton Audio RCS8XT speaker package uses a coaxial, 8" cone loudspeaker with 10-ounce magnet and 1" Mylar dome tweeter complete with a 1/2" moving coil and neodymium magnet. This model is fully assembled including transformer and grille.

Finished in a non-reflecting ceiling white. Its elegant two-part, round, torsion-mount CRS baffle presents an elegant hardware-free appearance and is exceptionally installer friendly.

Its exclusive terminal block and spade-lug taps allow fast connection as well as wattage selection and/or changes. The RCS8XT is complete with a versatile 8-watt, 70.7/25-volt transformer.

Unit is designed to be quickly mounted in a BBX8 enclosure with BRG8 tile bridge without any hardware. MBK8 mounting bracket provides “blind mounting” without a backbox in a drywall or plaster ceiling.

**APPLICATIONS**
The 8" RCS8XT speaker package is an excellent choice for no compromise in-ceiling audio projects where aesthetics and great sound are a key consideration.

Unit’s unusually smooth frequency response, good low frequencies and post-mounted tweeter will enhance the perceived environment in most higher-ceiling commercial applications.

Typical applications include universities, hotel/motels, offices, banks, schools, restaurants, malls and wherever precise, wide-range transmission of audio is a necessity.

**SPECIFICATIONS**

- **CONE SPEAKER SIZE:** 8" (203 mm)
- **TWEETER TYPE:** 1" Mylar Dome with 1/2" Moving Coil and Neodymium Magnet
- **FREQUENCY RESPONSE (See Fig 1):** 40-18,000 Hz ± 6 dB
- **POWER HANDLING (Raw Driver):** 20 watts
- **SPL @ 1w 1m:** 94 dB
- **DISPERSION @ 2 kHz (6 dB Down):** 96°
- **DIRECTIVITY Q FACTOR @ 2 kHz:** 6.8
- **CONE DESIGN:** Coaxial
- **CONE MATERIAL:** Paper with Rubber Surround
- **MAGNET WEIGHT:** 10 oz
- **TRANSFORMER MAX INSERTION LOSS:** 0.8 dB
- **TRANSFORMER TAP CHANGE:** Movable Spade Lug
- **CONNECTION Via Terminal Block
- **70.7-VOLT TRANSFORMER TAPS:** 8, 4, 2, 1, 0.5
- **70.7-VOLT TRANSFORMER IMPEDANCE:** 625, 1.25K, 2.5K, 5K, 10K
- **25-VOLT TRANSFORMER TAPS:** 8, 4, 2, 1, 0.5
- **25-VOLT TRANSFORMER IMPEDANCE:** 78, 158, 312, 625, 1.25K
- **APPROVALS:** CE
- **MOUNTING:** Quick-Release Torsion Springs locked onto baffle
- **BAFFLE MATERIAL:** Two-part CRS Steel with Steel Mesh
- **FINISH:** White, Non-reflective, Baked Epoxy
- **SUGGESTED MOUNTING ACCESSORIES:**
  - BBX8 Steel Backbox
  - BRG8 Tile Bridge
  - MBK8 Mounting Bracket
- **DIMENSIONS, INCH (MM):** 11.24 x 2.91 (280 x 74)
- **NET WEIGHT LBS (KGS):** 3.57 (1.62)
RCS8XT

ARCHITECTS' AND ENGINEERS
SPECIFICATIONS:

Unit shall be Penton Audio USA Model RCS8XT or approved equal. Assembly shall be comprised of a coaxial 8" loudspeaker with 10-ounce magnet, 1" Mylar dome tweeter complete with a 1/2" moving coil and neodymium magnet. It shall have a premounted transformer and two-part, non-reflective white baffle with no visible hardware.

Two-part baffle shall be CRS with inner steel mesh grille. Baffle shall be round with torsion-spring mounting.

Loudspeaker shall have wide-angle 96° dispersion at 2000 Hz. Cone shall be a damped, high-compliance type with a smooth extended response over a range of 40-18,000 Hz. Sensitivity shall be a minimum of 94 dB @ 1 watt, 1 meter.

Included shall be a high-quality, factory-mounted, 70.7/25-volt transformer with power taps of 8, 4, 2, 1 and 0.5 watts clearly marked on the assembly. Insertion loss shall not exceed 0.8 dB.