**Features**

- Coaxial for Excellent High-Frequency Dispersion
- Stylish Grilles with Reduced Hardware
- Choose Heavy-gauge Steel or Molded ABS Baffle
- Twin-Cone Speaker for Good High-Frequency Dispersion
- Dual 70.7/25-volt Xfrmr with Spade-lug Taps for Fast Convenient Changes

**Description**

High-Performance Penton Audio USA LCS8XT and PCS8XT are 15-watt, 8”, coaxial speaker packages with baffles and dual 70.7/25-volt transformers. Enhanced performance is made possible with 10-ounce ceramic magnets for enhanced low-frequency response and greater efficiency. Tweeters use a post-mounted, 3” paper cone with a 1/2” moving coil for smooth dispersion.

Unusually attractive, the PCS has a UV inhibitor molded-into its ABS grille. Visually identical, the LCS features a heavy-gauge steel grille with only 4 visible mounting screws made possible by 4 hidden metal studs. Models are non-reflecting ceiling white.

Models install easily using the BBX-8B steel backbox and BRG8B tile bridge. LCS8XT and PCS8XT models are shipped with four 1-1/2” white Phillips-head screws.

**Application**

Coaxial speaker tweeters, provide wider dispersion along with enhanced high-frequencies. Since the PCS grille is made of molded ABS, it is well suited for moist outdoor environments. The steel LCS grille is the choice for indoor.

The LCS8XT and PCS8XT are ideal for premium installations requiring excellent high frequencies. Both are equally effective for voice transmission, music and signal reproduction in commercial, industrial and institutional situations. Applications include ceilings installation in executive offices, banks, restaurants, colleges, hotel/motel ballrooms and other key venues.

**Specifications**

- **Cone Speaker Size:**
  8” (203 mm)
- **Tweeter Type:**
  3” Paper Cone with 1/2” Moving Coil
- **Frequency Response (See Fig 1):**
  50-16,000 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:**
  6.80
- **Cone Design:**
  Coaxial
- **Cone Material:**
  Treated Paper
- **Cone Magnet Weight:**
  10 oz
- **Transformer Max Insertion Loss:**
  0.8 dB
- **Transformer Tap Change:**
  Movable Spade Lug
- **Connection:**
  Via Wire Nuts
- **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, 156, 312, 625, 1.25K
- **Approvals:**
  CE
- **Supplied Mounting Accessories:**
  4 ea. 1-1/2” Phillips-head Screws
- **Baffle Material:**
  LCS8XT: Steel
  PCS8XT: Molded ABS with Molded-in UV Inhibitor
- **Finish:**
  LCS8XT: Non-reflective White Powder-Coated Epoxy Paint
  PCS8XT: Non-reflective White
- **Suggested Mounting Accessories:**
  BBX8B Steel Backbox
  BRG8 Tile Bridge
  MBK8 Mounting Bracket
- **Dimensions, Inch (mm):**
  12.74 x 3.22 (321 x 82)
- **Net Weight Lbs (Kgs):**
  2.58 (1.17)
Unit shall be Penton Audio USA Model (LCS8XT/PCS8XT) or approved equal. Assembly shall be comprised of an 8" coaxial loudspeaker with 10-ounce magnet. Tweeter shall have a post-mounted, 3" paper cone with a 1/2" moving coil. Model shall have a factory-mounted 8-watt, 70.7/25-volt transformer and non-glare white grille.

(LCS8XT - Grille shall be heavy-gauge steel, finished in white baked-on epoxy powder-coat paint.)

(PCS8XT - Grille shall be aesthetically pleasing and constructed of molded high-impact ABS with UV inhibitors used throughout. Speaker cone shall be moisture treated.)

Loudspeaker shall have wide-angle sound distribution with a minimum of 96° dispersion. Paper cone shall be a damped, high-compliance type with smooth extended response over a range of 50-16,000 Hz. Sensitivity shall be a minimum of 94 dB @ 1 watt, 1 meter.

Model shall have a factory-installed 70.7/25-volt transformer with power taps of 8, 4, 2, 1 and 0.5 watts. Insertion loss shall not exceed 0.8 dB.

Specifications subject to change without notice