

Specifications

SF 26CT LP

Audio/acoustic and electrical

| | |
|---|--|
| Speaker type | 2-way ceiling speaker with composite back can |
| Frequency range | 85 Hz to 20 kHz, -10 dB, half space (per IEC 60268-5) |
| Frequency response | 110 Hz to 6.5 kHz, +/-3dB, half space |
| Power capacity | 65 W (rms) continuous pink noise 130 W (rms) continuous program |
| Rated maximum input voltage (MIV) | 22.4 V (62.6 W at 8 ohms) (per AES2-2012) |
| Maximum SPL | 104 dB, 1 m (based on MIV) 106 dB, 1 m (linear) |
| Nominal sensitivity..... | 88 dB SPL, 1W, 1 m, half space |
| Nominal impedance | 8 ohms per speaker |
| Crossover frequency | 2.5 kHz |
| Nominal coverage angle..... | 95° conical coverage (1 kHz to 4 kHz) |
| Drivers | |
| Woofer | (1) 6.5" (165 mm) polypropylene cone with moisture resistant coating |
| Tweeter | (1) 0.75" (19.1 mm) PEI dome |
| Rotary switch taps | 70 V: 64 W, 32 W, 16 W, 8 W, 8 ohms direct 100 V: null, 64 W, 32 W, 16 W, 8 ohms direct |
| Overload protection | Full range power limiter with the 8 ohm direct input only, protecting the tweeter, woofer, and crossover |
| Input connector | (1) 5 mm captive screw connector, 4 pole for 1 input and 1 loop-through |

General

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|----------------------------------|--|
| Package | 2 speakers (1 pair) |
| Included accessories | Cutout template/paint shield, setup guide, mounting screws, 4 V-rails, 2 C-rings, 2 round grilles, 2 cable clamps, 2 captive screw connectors |
| 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 |
| Enclosure type | Plenum rated, fire-resistant (UL94V-0) composite back can/baffle; Magnetically attached powder-coated steel grille with plastic bezel. |
| Enclosure outer dimensions | 4.72" H x 10.64" diameter (119.9 mm x 270.3 mm diameter) 4.2" H (106.7 mm H) from front of ceiling tile to back of rear enclosure |
| Cutout dimensions..... | 9.3" diameter (236.2 mm diameter) |
| Product weight | 8.6 lbs (3.9 kg) each |
| Regulatory compliance | |
| Safety | CE, UL 2043, UL1480, NFPA 90A, NFPA 70 UL Listed for use in plenum airspaces: UL 2043 listed for heat and smoke release, UL 1480 listed for commercial and professional audio systems |
| Environmental | RoHS, WEEE |
| Product warranty | 5 years parts and labor |

Specifications • SF 26CT LP (Continued)

NOTE: All nominal levels are at $\pm 10\%$.

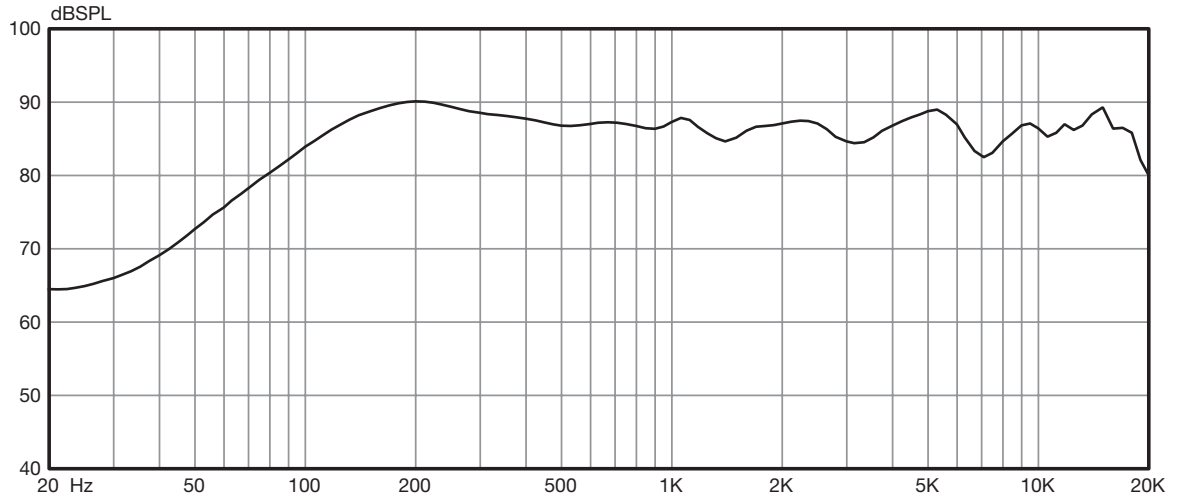
NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

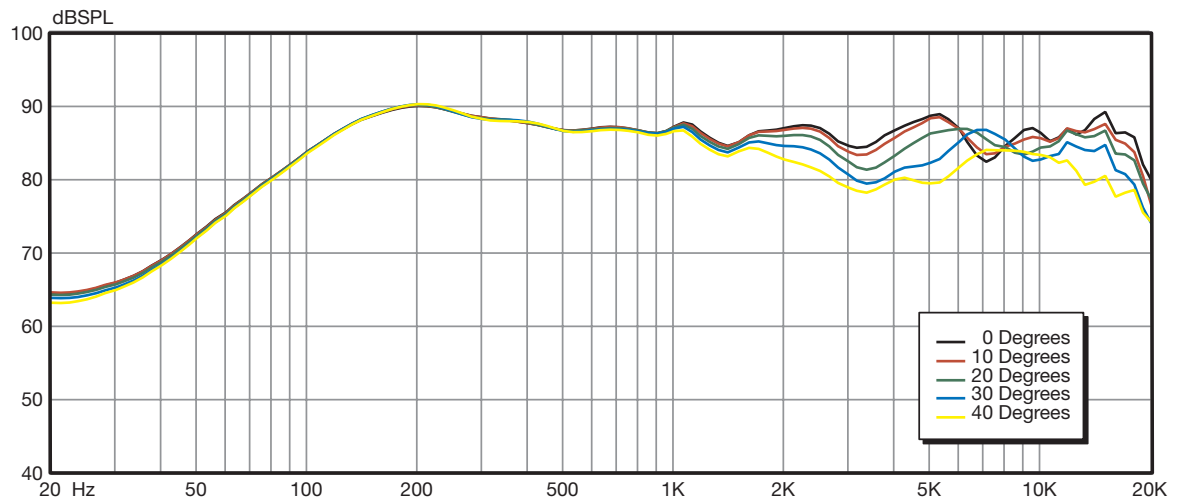
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SF 26CT LP RESPONSE GRAPHS – FREQUENCY AND IMPEDANCE

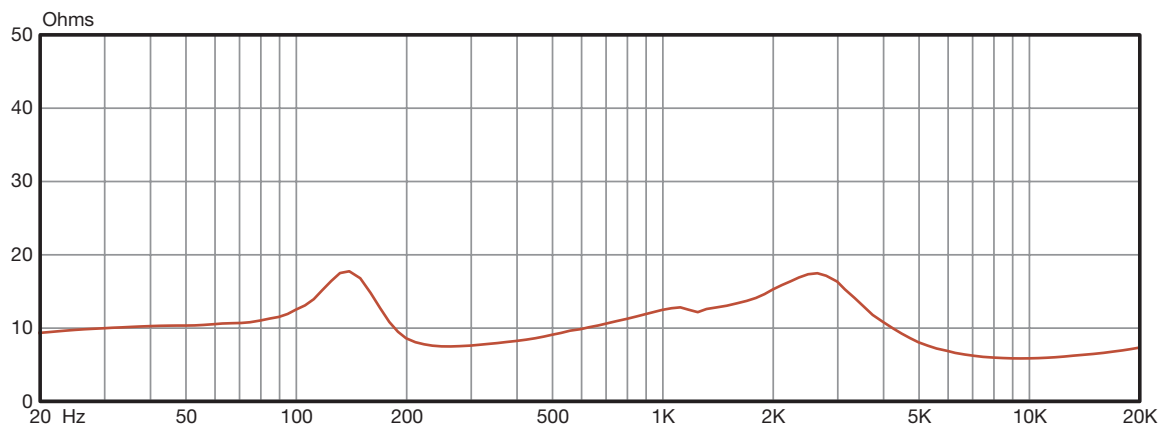
SPL vs. FREQUENCY – 1 WATT @ 1 METER RESPONSE, HALF SPACE (2π)



SPL vs. FREQUENCY – HORIZONTAL OFF-AXIS RESPONSE, HALF SPACE (2π)



IMPEDANCE vs. FREQUENCY



SF 26CT LP POLAR GRAPHS – 1/3 OCTAVE, HORIZONTAL

