The Extron SoundField® XD model SF 26CT is a 6.5" two-way ceiling speaker featuring an 8" (20.3 cm) deep composite back can for use in plenum rated ceiling environments. The driver complement includes a 6.5" (16.5 cm) woofer coupled to a 3/4" (1.9 cm) ferrofluid-cooled dome tweeter. A magnetically attached grille with a thin-edged bezel gives the SF 26CT a refined appearance on the ceiling. The SF 26CT is ideal for applications that require a high power distributed speaker system.
The Extron SoundField® XD model SF 26CT is a 6.5" two-way ceiling speaker featuring an 8" (20.3 cm) deep composite back can for use in plenum rated ceiling environments. The driver complement includes a 6.5" (16.5 cm) woofer coupled to a 3/4" (1.9 cm) ferrofluid-cooled dome tweeter. With the AV industry’s first UL 2043 listed composite speaker enclosure, the SF 26CT meets stringent UL requirements for smoke and heat release in plenum air spaces. A magnetically attached grille with a thin-edged bezel gives the SF 26CT a refined appearance on the ceiling. The SF 26CT offers both direct 8 ohm and 70/100 volt operation with a behind-the-grille, six position power selector switch. With 70/100 volt taps at 8, 16, 32, and 64 watts, the SF 26CT can be used in applications where a high power distributed speaker system is needed.

Plenum Rated Composite Enclosure
The ideal speaker enclosure needs to be constructed in such a way as to avoid internal standing waves and resonances in the enclosure itself. It should also be lightweight and fire tested for use in plenum air-handling spaces. We were able to achieve all of these requirements by injection molding the enclosure with a fire resistant composite material. The result is a rigid, acoustically damped, lightweight, plenum rated enclosure that is UL 2043 listed.

Supports Division of Labor and Single Trade
Shipped as a complete speaker assembly, the SF 26CT is ideal for both single-trade and division-of-labor installations. The SF 26CT speaker can be installed by a single contractor as a self-contained unit for retrofits and new construction. For larger projects with multiple trades, the back can and speaker baffle can be separated, allowing the rough-in contractor to install and fully terminate the back can. Once the job site is clean and secure, the AV integrator can then easily install the speaker baffle and grille.

Magnetically Attached Modern Looking Grille
The SF 26CT features a finely perforated round metal grille with a thin-edged rounded bezel for a refined appearance on the ceiling. The grille securely attaches magnetically to the baffle and quickly snaps into place. An optional square grille is available with the same finely perforated metal and thin-edged rounded bezel. This gives the owner, architect, or interior designer an additional choice for matching the décor. The grille assemblies are white and can be painted to match the architectural elements of the environment.
THE CEILING SPEAKER REIMAGINED

The SF 26CT represents a new paradigm in speaker technology for pro AV applications. We designed the SF 26CT from the ground up. With innovative materials, modular construction, and unique features, these new SoundField XD speakers provide significant savings and superior performance. The SF 26CT is a 6.5” two-way ceiling speaker featuring an 8” (20.3 cm) deep composite back can for use in plenum rated ceiling environments. The driver complement includes a 6.5” (16.5 cm) woofer coupled to a 3/4” (1.9 cm) ferrofluid-cooled dome tweeter.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>AUDIO/ACOUSTIC AND ELECTRICAL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker type</td>
<td>2-way ceiling speaker with composite back can</td>
</tr>
<tr>
<td>Frequency range</td>
<td>65 Hz to 22 kHz, -10 dB, half space (per IEC 60268-5)</td>
</tr>
<tr>
<td>Frequency response</td>
<td>88 Hz to 22 kHz, +3dB, half space</td>
</tr>
<tr>
<td>Power capacity</td>
<td>65 W (rms) continuous pink noise</td>
</tr>
<tr>
<td></td>
<td>130 W (rms) continuous program</td>
</tr>
<tr>
<td>Rated maximum input voltage (MV)</td>
<td>22.4 V (62.6 W at 8 ohms) (per AES2-2012)</td>
</tr>
<tr>
<td>Maximum SPL</td>
<td>104 dB, 1 m (based on MW)</td>
</tr>
<tr>
<td></td>
<td>106 dB, 1 m (linear)</td>
</tr>
<tr>
<td>Nominal sensitivity</td>
<td>88 dB SPL, 1W, 1 m, half space</td>
</tr>
<tr>
<td>Nominal impedance</td>
<td>8 ohms per speaker</td>
</tr>
<tr>
<td>Crossover frequency</td>
<td>2.5 kHz</td>
</tr>
<tr>
<td>Nominal coverage angle</td>
<td>111° conical coverage (1 kHz to 4 kHz)</td>
</tr>
<tr>
<td>Drivers</td>
<td></td>
</tr>
<tr>
<td>Woofer</td>
<td>(1) 6.5” (165 mm) polypropylene cone with moisture resistant coating</td>
</tr>
<tr>
<td></td>
<td>(1) 0.75” (19.1 mm) PEI dome</td>
</tr>
<tr>
<td>Rotary switch taps</td>
<td>70 V: 64 W, 32 W, 16 W, 8 W, 8 ohms direct</td>
</tr>
<tr>
<td></td>
<td>100 V: null, 64 W, 32 W, 16 W, 8 ohms direct</td>
</tr>
<tr>
<td>Overload protection</td>
<td>Full range power limiter with the 8 ohm direct input only, protecting the tweeter, woofer, and crossover</td>
</tr>
<tr>
<td>Input connector</td>
<td>(1) 5 mm captive screw connector, 4 pole for 1 input and 1 loop-through</td>
</tr>
</tbody>
</table>

### GENERAL

| 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

- 8.34” H x 10.64” diameter
- (211.8 mm x 270.3 mm diameter)
- 8.0” H (203.2 mm H) from front of ceiling tile to back of rear enclosure

### Cutout dimensions

- 9.3” diameter
- (236.2 mm diameter)

### Product weight

- 9.4 lbs (4.3 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
- **Warranty**
  - 5 years parts and labor

### Model

- **Model:** SF 26CT
- **Version Description:** 6.5” Two-way SoundField XD ceiling speaker
- **Part number:** 60-1310-03

For complete specifications, please go to www.extron.com

Specifications are subject to change without notice.
DESIGNED FOR THE INTEGRATOR

Two-Piece Design for Installation Flexibility
Shipped as a complete speaker assembly, the SF 26CT LP is ideal for both single-trade and division-of-labor installations. The SF 26CT speaker can be installed by a single contractor as a self-contained unit for retrofits and new construction. For larger projects with multiple trades, the back can and speaker baffle can be separated, allowing the rough-in contractor to install and fully terminate the back can. Once the job site is clean and secure, the AV integrator can then easily install the speaker baffle and grille.

Versatile Cable/Conduit Access Plate
The cable/conduit access plate is used to bring speaker cable into the enclosure, whether free-pulled or through flex conduit. The cable/conduit access plate has two punch-outs for ½” conduit, flex or screw clamp fittings. Two punch-outs allow easy daisy chaining from speaker to speaker. The cable/conduit access plate can be oriented for side mount or for top mount. The side mount orientation allows cable/flex/conduit to enter into the side of the enclosure, without increasing the overall 8” depth of the speaker. The top mount orientation allows for blind-mounting into drywall ceilings, keeping all cable/flex/conduit connections on the top.

The top mount orientation allows for blind-mounting into drywall ceilings, keeping all cable/flex/conduit connections on the top (see below).

Two punch-outs in the cable/conduit access plate allows for easy daisy chaining from speaker to speaker.

The side mount orientation allows cable/flex/conduit to enter into the side of the enclosure, keeping the overall 8” depth of the speaker (see below).
MODULAR V-RAILS AND FOLDABLE C-RINGS

To facilitate installation in a T-bar ceiling, modular V-rails and foldable C-rings are included with the SF 26CT. The V-rails have been designed as a two-part assembly that can be snapped together in the field.

The foldable C-rings have been designed to make it easier to get them into place, even in blind-mount drywall applications. Snake the C-ring up through the speaker cut-out hole, unfold it, and position it as needed. The result is a continuous metal support around the entire cut-out, resulting in a more secure attachment to the ceiling.

Opti-Torque Indicator Rings
The SF 26CT features exclusive Opti-Torque™ indicator rings that provide a visual indication when the locking arm screws have been sufficiently tightened, preventing damage to the speaker caused by overtightening. When the installation technician is tightening the locking arms, the red Opti-Torque™ indicator ring audibly snaps when the proper torque has been applied. As a visual indicator, the red ring drops down onto the screw driver shaft, signaling to the technician that the proper force has been applied.
RESPONSE GRAPHS – FREQUENCY AND IMPEDANCE

SPL VS. FREQUENCY – 1 WATT @ 1 METER RESPONSE, HALF SPACE ($2\pi$)

SPL VS. FREQUENCY – HORIZONTAL OFF-AXIS RESPONSE, HALF SPACE ($2\pi$)

IMPEDANCE VS. FREQUENCY
Specifications are subject to change without notice.
Front View

Rear

Grille

Cutout

11.09" (281.69 mm)

10.64" (270.26 mm)

8.0" (203.20 mm)

0.34" (8.64 mm)

11.09" (281.69 mm)

0.44" (11.13 mm)

9.25" (234.95 mm)

9.30" (236.22 mm)

8.0"

© 2017 Extron Electronics. All rights reserved. All trademarks mentioned are the property of their respective owners. Prices and specifications subject to change without notice.