

Specifications

SF 8CT SUB

Audio/acoustic and electrical

Speaker type	In-ceiling subwoofer
Frequency range.....	45 Hz to 300 Hz, -10 dB, half space (per IEC 60268-5)
Power capacity	100 W (rms) continuous pink noise (per IEC 60268-5) 200 W (rms) continuous program
Rated maximum input voltage (MIV)	25.1 V (78.9 W at 8 ohms) (per AES2-2012)
Maximum SPL	108 dB, 1 m (based on maximum input voltage) 119 dB, 1 m (linear)
Nominal sensitivity.....	90 dB SPL, 1 W/1 m, half-space
Nominal impedance	8 ohms
Low-pass filter	120 Hz, 6 dB/octave rolloff, (switch-selectable, enabled by default)
Nominal coverage angle.....	180° conical coverage
Driver	(1) 8" (203 mm) polypropylene cone, with moisture-resistant coating
Rotary switch taps	70V: 64 W, 32 W, 16 W, 8 W, 8 ohms direct 100V: 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 woofer and crossover
Input connector	(1) 5 mm captive screw connector, 4-pole for one input and 1 loop-through

General

Package	1 speaker
Included accessories	Cutout template/paint shield, setup guide, mounting screws, 2 V-rails, 1 C-ring, 1 round grille, 1 cable clamp, 1 captive screw connector
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) baffle / steel back can / magnetically attached powder-coated steel grille with plastic bezel
Enclosure outer dimensions	14.46" H x 12.74" diameter (367 mm H x 324 mm diameter) 14.39" H (366 mm H) from front of ceiling tile to back of rear enclosure
Cutout dimensions	12.59" (320 mm)
Product weight	15.8 lbs (7.2 kg)
Regulatory compliance.....	CE, RoHS, UL 1480A, UL 2043, WEEE
Safety	CE, UL 2043, CAN/ULC-S142:16, UL 1480A, NFPA 90A, NFPA 70 UL Listed for use in plenum airspaces: UL 2043 and CAN/ULC-S142:16 listed for heat and smoke release UL 1480A listed for commercial and professional audio systems
Environmental.....	RoHS, WEEE
Product warranty	5 years parts and labor

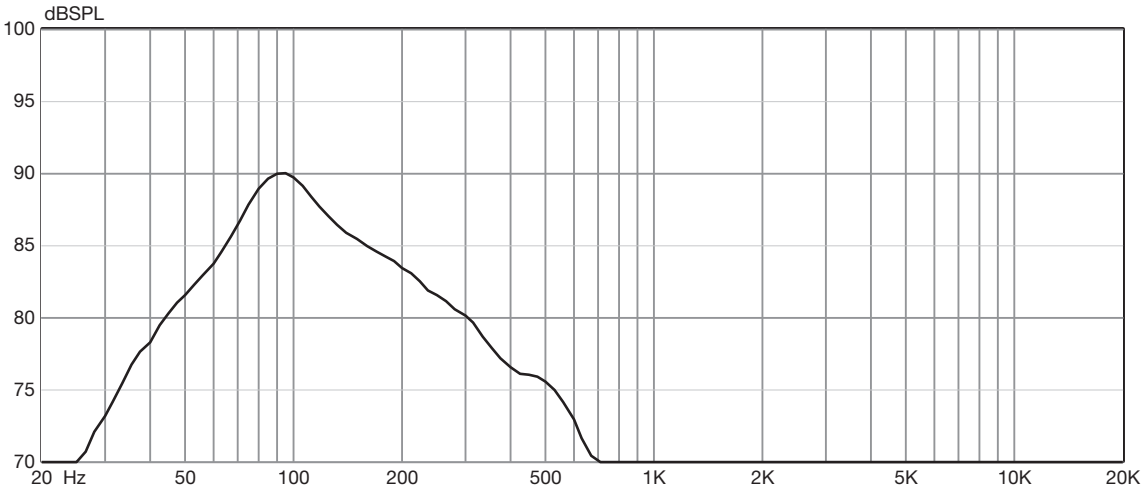
NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

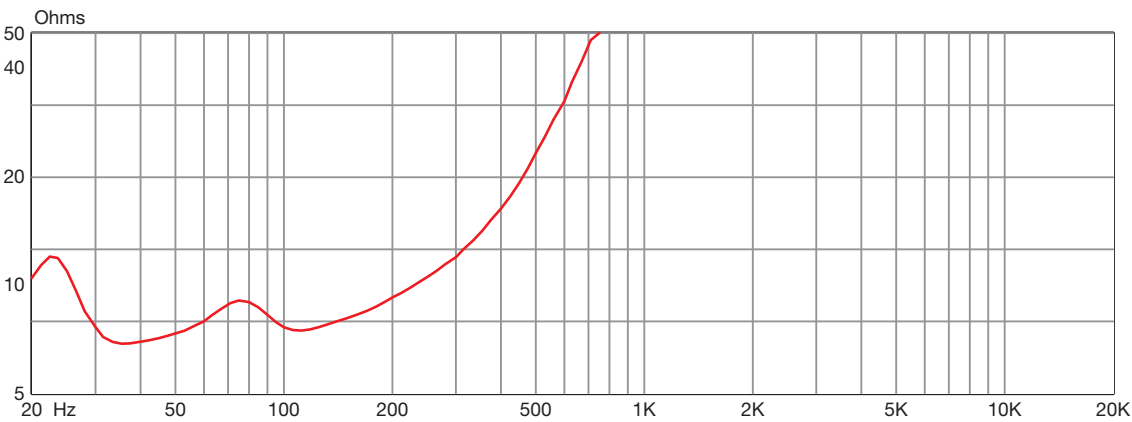
NOTE: Shipping weights and dimensions are available at www.extron.com.

SF 8CT SUB RESPONSE GRAPHS – FREQUENCY AND IMPEDANCE

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



IMPEDANCE vs. FREQUENCY



NOTE: Measurements taken with 120 Hz low-pass filter enabled.

5574-D2