

Specifications

SF 26X

Audio/acoustic and electrical

Speaker type	2-way, open back ceiling speaker
Frequency range	50 Hz to 20 kHz, -10 dB, half space
Power capacity	25 W (rms) continuous pink noise 50 W (rms) continuous program
Nominal sensitivity.....	83 dB SPL, 1 W, 1 m, half space (per IEC 60268-5)
Nominal impedance	8 ohms
Crossover frequency	2.3 kHz
Nominal coverage angle.....	107° conical coverage (1 kHz - 4 kHz, weighted 2 kHz - 4 kHz)
Woofer	(1) 6.5" (165.1 mm) polypropylene cone with moisture resistant coating
Tweeter	(1) 3/4" (19.05 mm) PEI dome
Overload protection	Full range power limiter, protecting the tweeter, woofer, and crossover
Input connector	(1) 5 mm captive screw connector, 4 pole with loop-through

General

Package	2 speakers (1 pair)
Included accessories	Cutout template, setup guide, 2 grille hooks
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
Overload protection	Full range power limiter, protecting the tweeter, woofer, and crossover
Mounting	Ceiling mountable by itself or with optional ceiling mount kit
Baffle type.....	Plastic, open back, infinite baffle design
Outer dimensions.....	3.0" H x 9.0" diameter (75.0 mm H x 228.6 mm diameter) From front/bottom of the ceiling tile to the top of withdrawn locking arms
Cutout dimensions.....	7.6" diameter (194 mm diameter)
Product weight	2.6 lbs (1.2 kg) each
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE
Warranty	5 years parts and labor

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

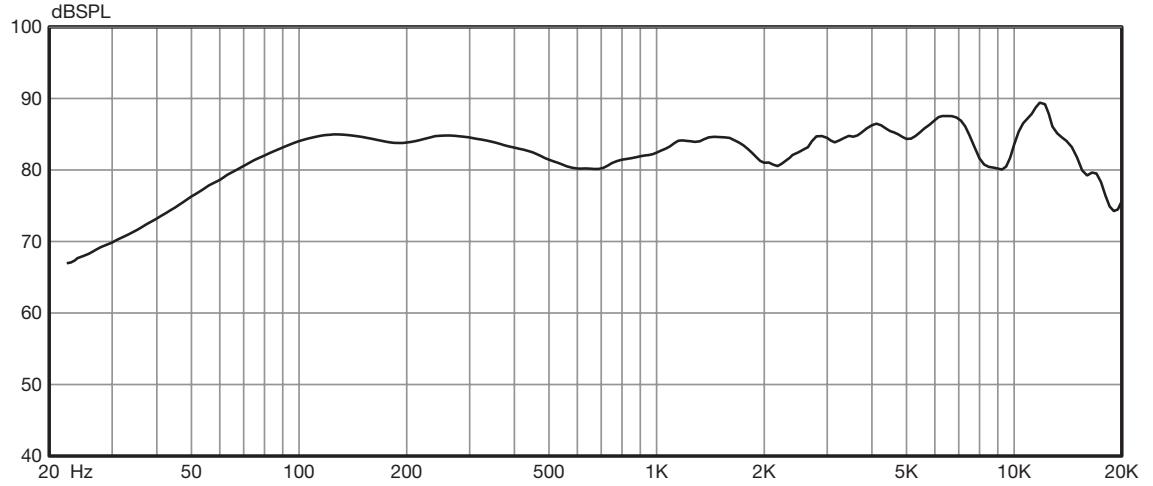
NOTE: Specifications are subject to change without notice.

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

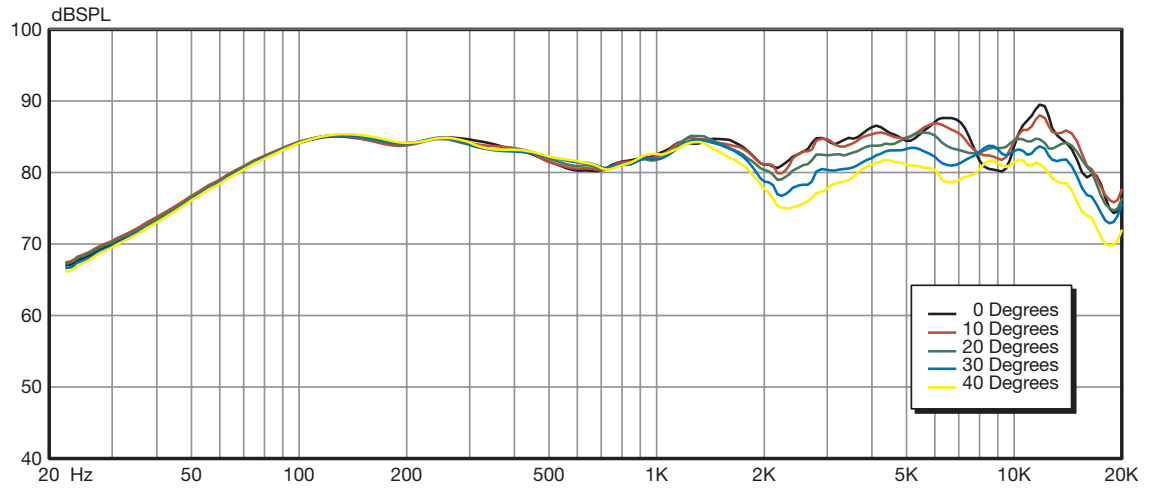
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SF 26X RESPONSE GRAPHS – FREQUENCY AND IMPEDANCE

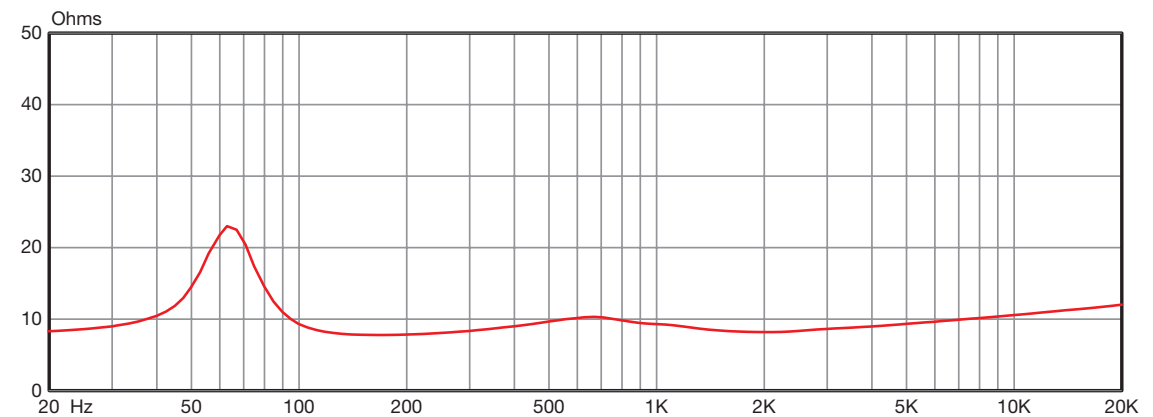
SPL vs. FREQUENCY – 1 WATT @ 1 METER RESPONSE, HALF SPACE (2 π)



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



IMPEDANCE vs. FREQUENCY



SF 26X POLAR GRAPHS – 1/3 OCTAVE, HORIZONTAL

