

Specifications

SF 28PT

Audio/acoustic and electrical

Speaker type	Pendant speaker with plastic back can
Frequency range.....	58 Hz to 22 kHz, -10 dB, full space (per IEC 60268-5)
Power handling capacity	90 W (rms) continuous pink noise; 180 W (rms) continuous program
Rated maximum input voltage (MIV)	26.9 V (90 W at 8 ohms) (per AES2-2012)
Maximum SPL	103 dB, 1 m (based on MIV); 105 dB, 1 m (linear)
Nominal sensitivity.....	86 dB SPL, 1 W, 1 m, full space
Nominal impedance	8 ohms per speaker
Crossover frequency	2.5 kHz
Nominal coverage angle.....	80° conical coverage (1 kHz to 4 kHz)
Drivers	
Woofer	(1) 8" (203.2 mm) polypropylene cone with moisture resistant coating
Tweeter	(1) 1.1" (28 mm) silk dome
Rotary switch taps	70V: 64 W, 32 W, 16 W, 8 W, 8 ohms direct 100V: null, 64 W, 16 W, 8 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	(2) 2-pole splicing connectors (2) 3-pole splicing connectors, for 1 input and 1 loop-through

General

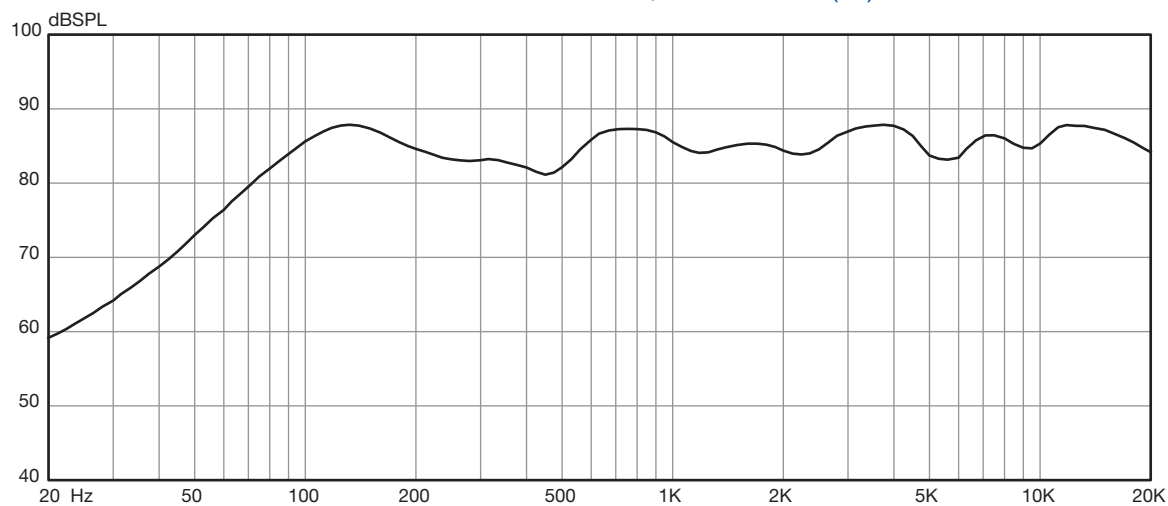
Package	2 speakers (1 pair)
Included accessories	Setup guide, (4) 2-pole splicing connectors, (4) 3-pole splicing connectors, 30' (9.1 m) Pendant Connect cable
Temperature/humidity	
Storage	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing
Operating	Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Mounting	Ceiling mountable with included hardware
Enclosure type	
Enclosure materials	Fire-resistant (UL94V-0) plastic
Enclosure design	Plastic, tapered cylindrical
Grille material.....	Powder-coated steel
Enclosure outer dimensions	13.30" H x 11.00" diameter (338 mm H x 281 mm diameter)
Product weight	12.5 lbs (5.7 kg) each 13.6 lbs (6.2 kg) with 15' (4.6 m) of PCC-2 cable and optional SMK C SF 26PT mounting plate
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, UL 1480A
Environmental.....	Complies with the appropriate requirements of RoHS and WEEE.
Warranty	5 years parts and labor

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

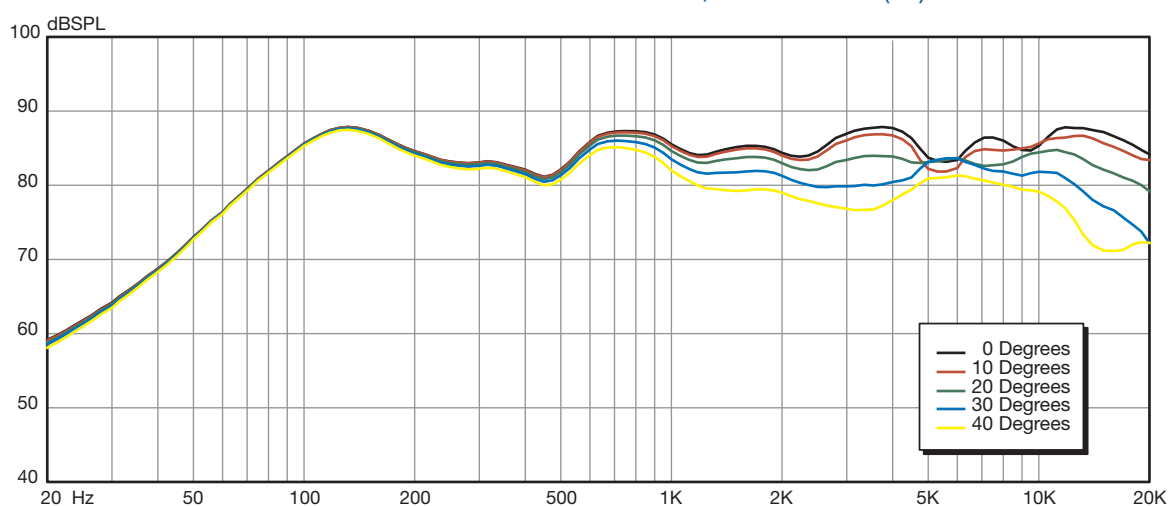
NOTE: Specifications are subject to change without notice.

Specifications • SF 28PT (Continued)

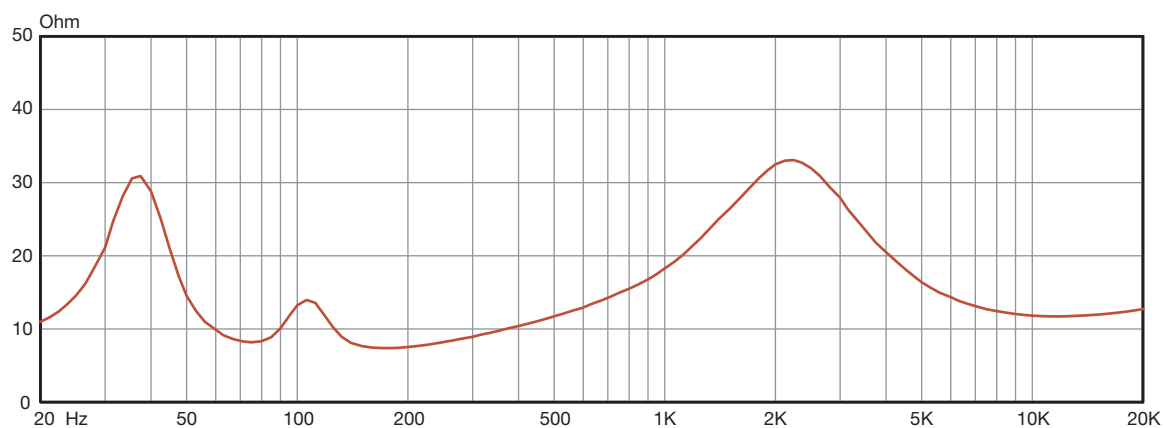
SPL vs. FREQUENCY – 1 WATT @ 1 METER RESPONSE, FULL SPACE (4π)



SPL vs. FREQUENCY – HORIZONTAL OFF-AXIS RESPONSE, FULL SPACE (4π)



IMPEDANCE vs. FREQUENCY



SF 28PT POLAR GRAPHS – 1/3 OCTAVE, HORIZONTAL

