



2' X 2' DROP-IN SPEAKER SYSTEM

IS289Q

ONE



IS289Q

SPECIFICATIONS

Size:	8" (203mm)
Power Handling:	100 Watts Peak, 70 Watts RMS
Sensitivity (1W/1M):	89.5dB Average, 93dB Peak
Impedance:	8 Ohms Nominal
Frequency Response:	75 Hz - 20 kHz (nominal) 85 Hz - 20 kHz (±5dB)
Dispersion:	110° (2 kHz Octave Band, -6dB Points)
Crossover:	3,400 Hz
Cone Material:	Polypropylene with Kevlar® Fiber
Surround Material:	Butyl Rubber
Magnet Weight:	Nominal, 21 oz. (580g)
Basket Material:	Painted 19-gauge CRS
VC Diameter:	1.5" (38mm)
VC Material:	Copper
VC Former Material:	Kapton
VC Winding Width:	.465" (12mm)
Top Plate Thickness:	.250" (6mm)
Assembly Weight:	28 lbs.
Baffle Dimensions:	23 ³ / ₁₆ " x 23 ³ / ₁₆ " x 1 ¹ / ₂ " (replaces standard 2' x 2' ceiling tile)
Assembly Height:	8 ³ / ₈ " (front of grille to back of enclosure)

FEATURES

- All-in-one assembled unit drops into ceiling grids to save installation time and money.
- Attractive white mesh grille blends with most acoustic ceiling tiles.
- High-performance components including a Strategy® Series 8" loudspeaker.

APPLICATION

Installer friendly Atlas Sound IS series "drop in" speaker systems provide great performance in a labor saving package. Ideal for use in institutional applications where large quantities of loudspeakers are utilized.

GENERAL DESCRIPTION

The Atlas Sound IS200 Series, 2' x 2' drop-in speaker system features a premium 8" coaxial speaker, transformer, and enclosure. This premium line offers clean, crisp sound. Each speaker is made up of a handsome perforated metal that blends well with acoustic ceiling tiles. Like its relative, IS100 series 1' x 2' drop-in speaker systems, the Atlas Sound IS200 series 2' x 2' drop-in speaker systems also offer time-saving, easy installation. The Atlas Sound IS200 series 2' x 2' drop-in speakers include a one-of-a-kind baffle, which allows contractors to simply install the speaker system into a 2' x 2' grid, or cut the ceiling tile to the appropriate length in a 2' by 4' grid. Available IS200 Series 2' x 2' Drop-In Speaker System IS289Q 2x2 with FA138, HT327, and Q enclosure. Supplied with 2' T-Bar for ceiling grid.

MODEL	SPEAKER	SPEAKER POWER	XFMR	ENCLOSURE	WEIGHT
IS289Q	FA138	100 Watts	HT327	QS408	28 lbs.

Specifications subject to change without notice



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ARCHITECT & ENGINEER SPECIFICATIONS

The loudspeaker, transformer, baffle, and enclosure assembly shall be Atlas Sound's 2' x 2' drop-in speaker system Model IS289Q. The loudspeaker shall be a FA138 8"(203mm) dia coaxial type with frequency response of 45Hz-20kHz and speaker power rating of 100 watts. Loudspeaker shall include

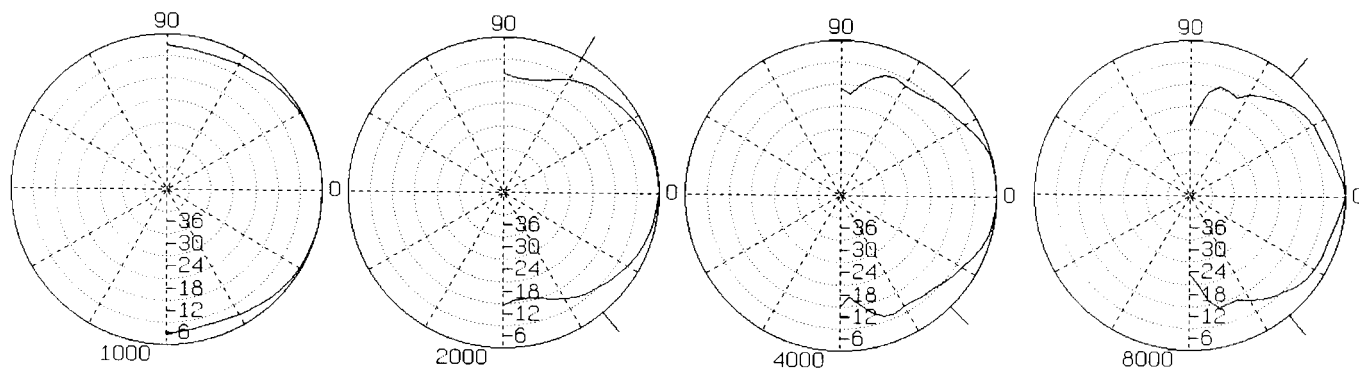
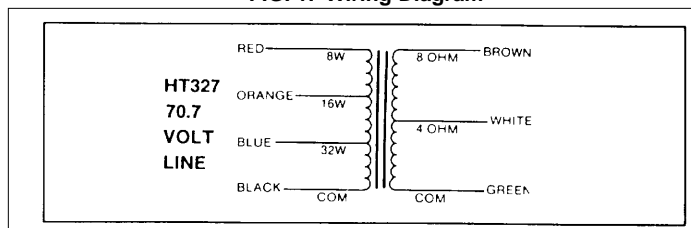
a factory-wired 70.7-volt transformer with power taps of 8, 16, and 32 watts. (Assembly shall be shipped complete with a QS408 Series square CRS-constructed enclosure). The assembly shall include a white metal mesh full size panel grille. Assembly weight shall be 28 lbs.

WIRING INSTRUCTIONS

Loudspeaker assemblies are shipped with lead wires extending out of the enclosure through a wire securing cable clamp.

Power taps and speaker line voltage are charted in Fig. 1.

FIG. 1: Wiring Diagram



Octave Bands Normalized to Zero On Axis

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