

SPECIFICATIONS

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| Loudspeaker Type: | Architectural two-way, full-range, coaxial surface mount loudspeaker, 8 ohm or 70V/100V operation |
| Operating Range¹: | 65 Hz - 22 kHz (-10 dB) |
| Frequency Response¹: | 80 Hz - 20 kHz (± 3 dB) |
| Max Input Ratings (8 ohm): | 100W continuous, 250W program 28.3 volts RMS, 56.6 volts momentary peak |
| Transformer Taps—70V: | 60W, 30W, 15W, 7.5W and low impedance |
| 100V: | 60W, 30W, 15W and low impedance |
| Sensitivity (1W/1m)¹: | 93 dB SPL (125 Hz to 12.5 kHz) half space 91 dB SPL (250 Hz to 4 kHz) half space |
| Maximum Output¹: | 113 dB SPL / 119 dB SPL (peak 8 ohm) |
| Nominal Impedance: | 8 ohms |
| Minimum Impedance: | 6.5 ohms @ 220 Hz |
| Nominal Coverage: | 115° conical (1 kHz to 6 kHz) (emanating from the face of the loudspeaker pointing downwards at a 26° angle) |
| Axial Q / DI: | 5.7 / 7.6, 500 Hz to 6 kHz |
| Crossover Frequency: | 1.2 kHz |
| Recommended Signal Processing: | 60 Hz, 24 dB/Oct high pass filter |
| Drivers: | LF 1 x 6.5-inch cone HF 1 x 1-inch exit compression driver |
| Driver Protection: | Self-resetting solid state circuit breaker |
| Input Connection: | 4-screw Euroblock connector for two pair of 2-wire leads (uninterrupted whether the loudspeaker is connected or not); and a 2-pin Euroblock connector concealed in the rear of the loudspeaker enclosure |
| Controls: | Selectable low impedance or tap selector switch |
| Enclosure: | High-strength, impact-resistant, injection molded ABS plastic, matte finish, paintable |
| Finish: | Black or white |
| Mounting/Rigging Provisions: | Wall mounting plate with holes that match 1 or 2-gang electrical outlet boxes |
| Grille: | Dual-layer powder coated steel, black or white finish |
| Safety Features: | Tamper-resistant latching/locking system |
| Environmental: | IP55 (per IEC529), designed to MilSpec 810 |
| Required Accessories: | Electronic high pass filter |
| Supplied Accessories: | Flush-mount wall mounting plate |
| Optional Accessories: | None |
| Dimensions—Height: | 11.2 inches (284 mm) |
| Width: | 15.3 inches (389 mm) |
| Depth: | 8.3 inches (212 mm) |
| Weight: | 11.9 lbs (5.4 kg) |
| Shipping Weight: | 17.7 lbs (8 kg) |

NOTES:

- Sensitivity: On-wall pink noise measurement at 6ft (1.8m) at 10% power; extrapolated to 1 meter and an input of 2.83 volts RMS.
- Watts: All wattage figures are calculated using the rated nominal impedance.



APPLICATIONS

- Restaurants and bars
- Hotel lobbies and ballrooms
- Classrooms, office space, conference rooms
- Houses of worship
- Museums, auditoriums
- Shopping malls, retail environments
- Sports facilities

FEATURES

- Attractive architectural design similar to a lighting sconce
- Same components and voicing as the Distributed Design family of ceiling, surface mount and pendant loudspeakers
- High efficiency, high output, high intelligibility, low distortion
- Paintable enclosure constructed of high-impact ABS plastic to reduce resonances
- Selectable 8 ohm or 70V/100V operation
- Wall mounting plate included
- Available in standard black or white finishes

DESCRIPTION

The D SERIES Distributed Design DA6 is a high output full-range architectural surface mount loudspeaker with an elegant form factor in the shape of a lighting sconce, providing high quality voice and music reproduction for retail environments, restaurants, resorts, hotel lobbies and other upscale applications. Each DA6 creates a cone-shaped coverage pattern 115° wide that emanates from the face of the loudspeaker pointing downwards at an angle of 26° from the wall. Uniform voicing means that the DA6 can be combined with other ceiling, surface mount and pendant loudspeakers from the Distributed Design family without compromising consistency from zone to zone. In particular, the D10SUB ceiling mount subwoofer and DS8SUB surface mount subwoofer are excellent complements to the DA6 when additional low frequency support is desired. The genuine coaxial design uses separate magnets for the LF and HF drivers for reduced distortion and high sensitivity. Installation is simple and fast using the included flush-mount wall plate. A built-in autoformer allows the full loudspeaker output to be realized with 70V or 100V distribution lines via an installer-adjustable rear tap selector switch enabling selection between low impedance or 70V/100V operation. The DA6 is available in standard black or white finishes, and the enclosure is also paintable to match room décor.

D SERIES

DA6

TWO-WAY 6.5-INCH ARCHITECTURAL SURFACE MOUNT LOUDSPEAKER

Distributed Design



Ceiling Mount



Surface Mount



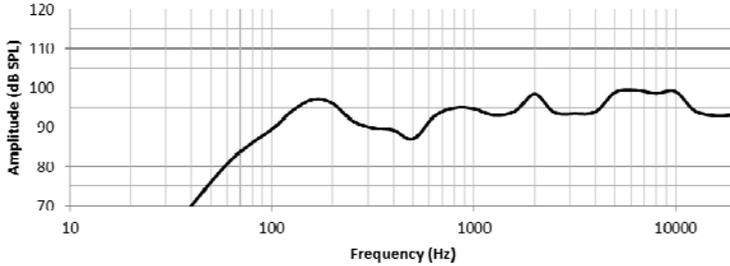
Pendant Mount



Architectural

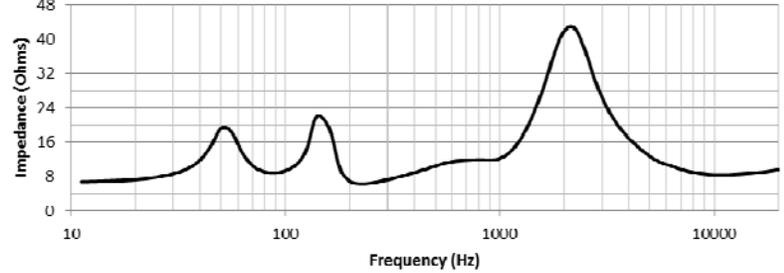
FREQUENCY RESPONSE

18Hz Resolution, 1/3 Octave Smoothing

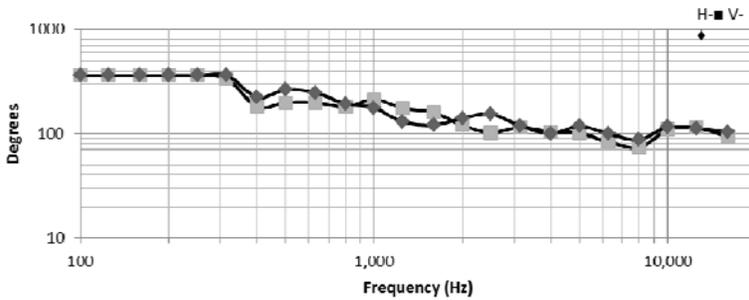


IMPEDANCE

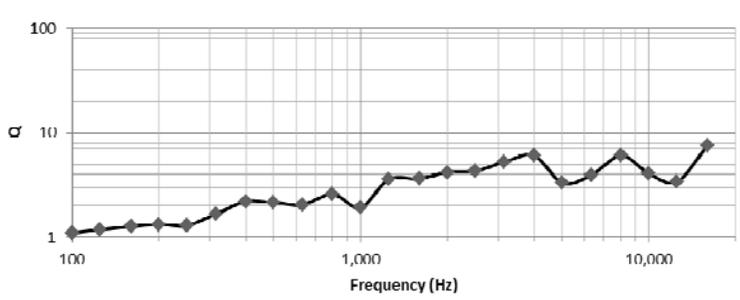
Min / 90Hz - 16000Hz - 6.3 Ohms @ 770Hz



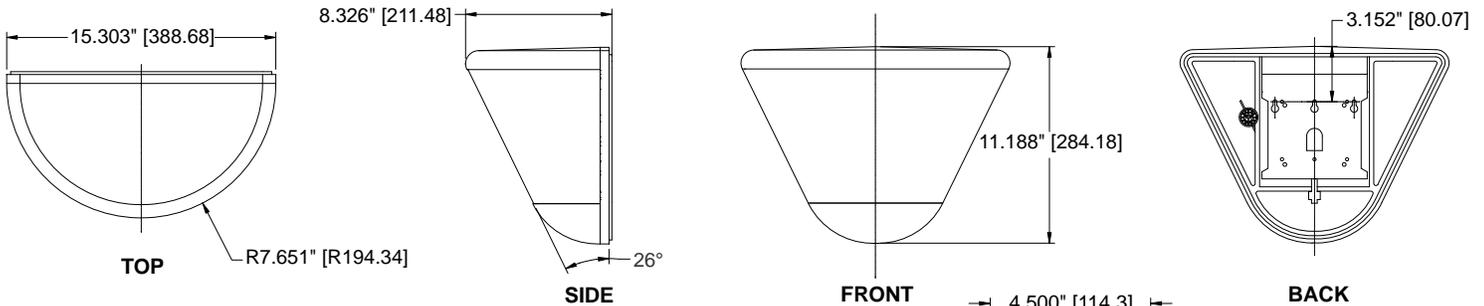
BEAMWIDTH



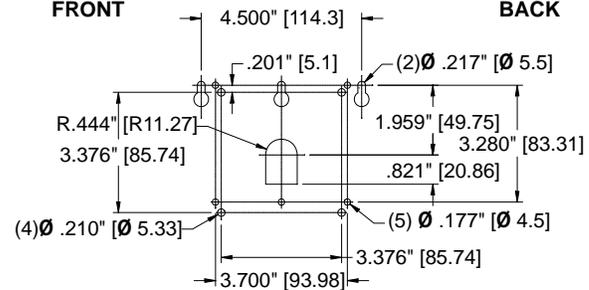
AXIAL Q



DIMENSIONS



MOUNTING HOLES



ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a two-way, full-range architectural surface mount loudspeaker with a 6.5-inch low frequency transducer with patented Carbon Ring Cone Technology™ and a coaxially mounted 1-inch exit high frequency compression driver. The drivers shall be connected to an integral crossover with a crossover frequency of 1.2 kHz, with a self-resetting solid state circuit breaker for driver protection. The paintable enclosure shall be constructed of high-impact ABS plastic. The system shall have an amplitude response of 80 Hz to 20 kHz (+/- 3dB) and a low impedance (8 ohm) input capability of 28.3V RMS. The sensitivity at 1W/1m shall be 93 dB (125 Hz to 12.5 kHz, half space). The loudspeaker system shall have a conical coverage pattern of 115° from 1 kHz to 6 kHz, emanating from the face of the loudspeaker pointing downwards at a 26° angle. The nominal system impedance shall be 8 ohms (in low impedance setting). The system shall be equipped with a 60W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 60W, 30W, 15W and 7.5W taps available in 70.7V distributed systems (60W, 30W and 15W taps available in 100V distributed systems). An easily accessible rear tap selector switch shall be available for selecting autoformer and low impedance settings. Dimensions shall be 11.2 inches (284 mm) high, 15.3 inches (389 mm) wide and 8.3 inches (212 mm) deep, with a loudspeaker weight of 11.9 lbs (5.4 kg).

Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.