



AZ610 and AZ810 AZURE Series In-Ceiling Speakers

Home Theater LCR or Surround Multi-Purpose In-Ceiling Architectural Speakers



The AZURE™ 6.5-inch AZ610 and 8-inch AZ810 two-way speakers deliver the famous *Atlantic Sound* for your music and home-theater special effects anywhere you wish. These versatile speakers feature the latest premium material and component advancements from Atlantic Technology to deliver outstanding sonic performance. The woofer cone is made of our advanced formed Fiberglass material used in our latest award-winning flagship 8600 series in-room home theater speakers. And the coated silk-dome 30° pivoting wide dispersion proprietary LRT™ tweeter is coupled with an audiophile-grade computer-optimized cross-over composed of precision components. In addition to aiming the tweeter, front-mounted tweeter level controls further optimize the speaker to its surroundings. AZURE's discreet profile - with a new ultra-thin bezel design using magnetically attached paintable grilles and a host of optional accessories - make installations fast and easy for professional results.

The speaker's rugged design, outstanding sound quality voiced to match Atlantic home theater systems and simple flexible installation make AZURE a perfect complement to Atlantic Technology box or in-wall speakers.

Features



AZURE series speakers feature advanced humidity-resistant, fast, light, stiff, Fiberglass woofer material as found in the latest premium 8600 Atlantic Technology home-theater speaker systems.

The durable butyl rubber woofer surround ensures stable long-lasting performance and the formed curved woofer shape avoids cone breakup and reduces distortion for a cleaner midrange.

The AZ610 long throw 1-inch and AZ810's 1.25-inch high-temperature voice coils operate in a massive magnet structure with a vented pole piece to produce excellent bass performance.

Their horn shaped enclosures are acoustically optimized for midrange clarity and wide dispersion.

The AZURE 10 series tweeters are mounted on a reinforced low-resonance bridge for clean sound even at high listening levels.

Atlantic's proprietary LRT tweeter is a natural sounding 1-inch coated silk-dome tweeter featuring excellent dispersion without sounding aggressive even when located near room occupants. A Neodymium magnet with Ferrofluid cooling delivers reliable efficient operation.

All AZURE series speakers have a 30° orbital pivoting system that adjusts speaker directionality to reduce boundary reflections and fine-tune the installation for optimal stereo separation and image blending.



For further installation refinement, the AZ610/810 also include a front mounted +/- 3 dB tweeter level control using precision resistors for optimizing the speaker to its surroundings and adjusting for boundary reflections or absorbent materials.



Atlantic's AZURE 10 series speakers feature computer optimized 12 dB/octave precision crossovers. The crossover is made using audiophile grade components including polypropylene capacitors, air core inductors and a built-in resettable polyswitch for speaker protection.

Heavy duty gold-plated, push-spring binding posts provide quick secure connections capable of accommodating up to 14 gauge cable.



Rotating clamp dog-leg fasteners make for fast and easy installations.

Ultra-thin bezels with magnetically attached low-profile paintable grilles create a stealth installation with square paintable grilles optionally available.



Optional pre-construction brackets and back box aid to ensure professional installation results

Specifications

Model	AZURE AZ610	AZURE AZ810
Applications	Home theater LCR and surround, whole house distributed audio, commercial background music Installations	
Added Features	Acoustically optimized horn, reinforced tweeter bridge, timbre matched to Atlantic Technology in-room speakers, tweeter level/boundary compensation on front baffle	
Woofer	6 1/2" Humidity-resistant, low distortion lightweight fiberglass cone, 1" voice coil, vented pole piece, butyl rubber surround	8" Humidity-resistant, low distortion lightweight fiberglass cone, 1.25" voice coil, vented pole piece, butyl rubber surround
Tweeter (LRT = Low Resonance Tweeter)	1" LRT™ coated silk dome wide dispersion 30° orbital pivoting tweeter, ferrofluid cooled Neodymium magnet, +/- 3 dB tweeter level/boundary compensation	
Frequency Response	48 – 22kHz, +/-3dB	45 - 22kHz, +/-3dB
Sensitivity/Peak Output	88dB	89dB
Nominal Impedance	6Ω	6Ω
Recommended Power	10-125 watts RMS	10-150 Watts RMS
Crossover	3 kHz, 12 db/octave, polypropylene capacitors, air core inductors, resettable polyswitch protection circuit	2.7 kHz, 12 db/octave, polypropylene capacitors, air core inductors resettable polyswitch protection circuit
Cutout Diameter	8" (202mm)	9 5/8" (244mm)
Mounting Depth	4 13/16" (122.24mm)	5 1/2" (139.7 mm)
Weight	4.36 lbs (1.98 kg)	5.85 lbs. (2.66 kg)
Dimensions	9 3/8" diameter (238mm)	11 3/16" diameter (284mm)
Magnetic Paintable Thin Bezel Grilles	Yes	Yes
New Construction Kit (optional)	IC-NC-TLC-6	IC-NC-TLC-8
Ceiling Back Box (optional)	IC-BOX-6/8	IC-BOX-6/8
Square Grills (optional)	SQ-GRILLS-6 (10")	SQ-GRILLS-8 (11")



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