



AZ600

## AZURE Series In-Ceiling Speakers

**High-performance thin bezel multi-purpose architectural speakers**



The AZURE™ AZ600 is a versatile multi-purpose two-way in-ceiling speaker suitable for home theater and whole home distributed music. The speaker's thin bezel design makes for an inconspicuous flush fit to the ceiling. The AZURE series feature the latest premium material and component advancements from Atlantic Technology: the woofer is made with our advanced Fiberglass cone material that we utilize in our new award-winning flagship 8600 series in-room home theater speakers. For high frequencies utilized is a coated silk-dome 30° orbital pivoting LRT™ wide dispersion tweeter coupled with a sophisticated computer optimized cross-over network composed of precision audiophile grade components. A horn-loaded enclosure with a non-resonant bridge mounted tweeter boasts a low profile ultra-thin bezel with magnetically attached paintable grilles. Plus a host of optional accessories make installation easy for a professional result.

The AZ600 speaker is a rugged design with premium materials and components producing outstanding sound quality, installation flexibility, and is a perfect complement to Atlantic Technology in-room or in-wall speakers.

### Features



The AZ600's advanced humidity-resistant, fast, light, stiff, Fiberglass woofer material is the same 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 long throw 1-inch high-temperature voice coil operates in a massive magnet structure with a vented pole piece to produce excellent bass performance.

The AZ600's horn shaped enclosure is an acoustically optimized horn for midrange clarity and wide dispersion.

The AZ600 tweeter is 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 and 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 listener positions and to reduce boundary reflections for optimal stereo separation and image blending.



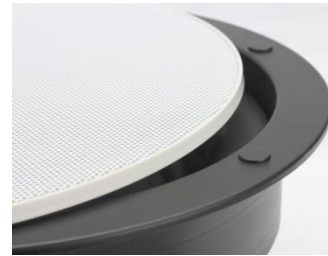
Atlantic's AZURE speakers feature a computer optimized 12 dB/octave precision crossover with audiophile grade polypropylene capacitors, air core inductors and a built-in resettable polyswitch for speaker protection.

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

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

Rotating clamp dog-leg fasteners make installation fast and easy.

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



## SPECIFICATIONS

Model	AZURE AZ600
Applications	Multi-purpose architectural in ceiling speaker for home theater or whole house music
Added Features	Acoustically optimized horn, reinforced tweeter bridge
Woofers	6 1/2-" Humidity-resistant low distortion lightweight fiberglass cone, 1" voice coil, vented pole piece, butyl rubber surround
Tweeter (LRT = Proprietary Low Resonance Tweeter)	1" LRT™ Coated silk dome tweeter wide dispersion 30° orbital pivoting, ferrofluid cooled Neodymium magnet
Frequency Response	48 – 22kHz, +/-3dB
Sensitivity	87dB
Nominal Impedance	6Ω
Recommended Power	10-125 Watts RMS
Crossover	3 kHz, 12 db/octave, polypropylene capacitors, air core inductors, resettable polyswitch protection circuit
Cutout Diameter	8" (202mm)
Mounting Depth	4 13/16" (122.24mm)
Weight	3.26 lbs (1.48 kg)
Dimensions	9 3/8 " diameter (238mm)
Magnetic Paintable Thin Bezel Grilles	Yes
New Construction Kit (optional)	IC-NC-TLC-6
Ceiling Back Box (optional)	IC-BOX-6/8
Square Grilles (optional)	SQ-GRILLS-6 (10")



343 Vanderbilt Ave. Norwood, MA 02062 781.762.6300 [www.atlantictechnology.com](http://www.atlantictechnology.com)  
 © 2021 Atlantic Technology Atlantic Technology is a registered trademark.  
 LRT and AZURE are trademarks of Atlantic Technology.  
 Specifications are subject to change without notice.