

APT-C6

2-Way 6.5-inch Coaxial Ceiling Loudspeaker

FEATURES

- Celestion 6.5-inch Coaxial Driver with 1.5-inch LF VC and 1-inch HF VC.
- Custom horn flare profile designed in collaboration with Celestion.
- Lo-Z & 100v/70v operation via multi-tap transformer.
- Reversible dog ear mounts for thicker ceilings.
- Magnetic edge-to-edge grille with removable HH logo.
- Powder-coated steel back can with eyelet for safety tether.
- Optional black grille available.



APPLICATIONS

- Restaurants
- Bars
- Corporate facilities
- Retail
- Education

DESCRIPTION

The APT-C6 ceiling speaker brings decades of British design and engineering to installation audio. The APT-C6 harnesses a 6.5-inch Celestion coaxial driver, with a 1.5-inch LF voice coil and a 1-inch HF voice coil, enabling crystal-clear, well-balanced sound reproduction. The custom horn flare profile enhances audio clarity and provides well balanced, uniform sound throughout the coverage area.

The APT-C6 has a sensitivity of 90dB (1W/1M) and a 120W AES power rating, yielding a maximum SPL of 110dB SPL. Its frequency response of 70Hz to 20kHz ensures beautifully balanced audio, making it an excellent standalone solution or the perfect companion to the APT-C8S ceiling subwoofer or the APT-W8S surface-mount subwoofer for deeper bass extension.

The APT-C6 features a built-in multi-tap transformer suitable for use in both low-impedance (Lo-Z) and 100V/70V line applications.

Every detail of the APT-C6 is meticulously crafted to strike a perfect balance between aesthetic, acoustic, and mechanical design. Key features include:

- Magnetic edge-to-edge grille with a removable HH logo for seamless integration into any space.
- Reversible dog ear mounts, accommodating ceilings of various thicknesses.
- Powder-coated steel back can with an integrated safety tether eyelet for added security.
- Optional black grille for discreet installations in darker environments.

Whether in hospitality, corporate, commercial or educational settings, the APT-C6 ceiling speaker combines sophisticated engineering with elegant design, delivering uncompromising audio quality and reliability.



SPECIFICATIONS

Specifications	
Model	<i>APT-C6</i>
System type	<i>2-way Coaxial Ceiling Loudspeaker</i>
Driver Specifications	<i>Celestion 6.5-inch Coaxial Driver with 1.5-inch LF VC and 1-inch HF VC</i>
100V Power Options	<i>40W, 20W, 10W</i>
70V Power Options	<i>20W, 10W, 5W</i>
Nominal System Impedance	<i>8 Ohms</i>
Power Rating	<i>120W AES, 240W Continuous, 480W Peak</i>
Recommended Amplifier	<i>MZ-140D, MZ-140Q, MZ-280Q</i>
Sensitivity 1W/1m	<i>90dB</i>
Maximum SPL (1m)	<i>110dB SPL, 116dB SPL (Peak)</i>
Frequency Response	<i>70Hz-20kHz</i>
Input / Link Connector	<i>4-pin Euroblock +/- +/-</i>
Dispersion	<i>120°</i>
Enclosure	
Main Construction Material	<i>ABS/Steel</i>
Finish	<i>White ABS/Powdercoated Steel Back Can</i>
Grille	<i>White Fine Mesh Perforated Steel with Powdercoated Finish</i>
Mounting Mechanism	<i>4 reversible dog leg mounts, safety tether eyelet.</i>
Minimum Tile Thickness	<i>3mm</i>
Maximum Tile Thickness	<i>65mm</i>
Dimensions	
Cutout Diameter	<i>273mm</i>
Outer Diameter	<i>308mm</i>
Max Depth	<i>197.5mm</i>
Optional Accessories	
	<i>APT-TB6 - Tile bridge for APT-C6, APT-CG6-BK - Black Grille for APT-C6.</i>

In the interest of continued development, HH reserves the right to amend product specification without prior notification.

