

AcousticDesign™ Series AD-C6T-HP

KEY FEATURES

- 6.5-inch, two-way coaxial driver with a 1.4-inch compression driver
- High power handling at standard ceiling heights to enable high-energy venues
- 120° coverage pattern
- 16 Ω bypass with multiple transformer taps for 70/100 Vrms systems
- 3x double stepped, long travel dog-ear blind mount system
- Intrinsic Correction voicings available via Q-SYS
- Consistent tonal characteristics across the entire AcousticDesign Series let you mix and match form factors across your venue
- Available in white (RAL 9010)



AcousticDesign™ Series AD-C6T-HP

Ceiling-mount loudspeaker for higher SPL at standard ceiling heights

As part of the AcousticDesign Series, the AD-C6T-HP (high-power) is a 6.5-inch, two-way ceiling-mount loudspeaker designed for higher SPL at standard heights with the side coverage of standard ceiling loudspeakers, which is ideal for high-energy restaurants, retail spaces or large meeting facilities.

Let the Music be Heard: The AD-C6T-HP extends the range of AcousticDesign Series into venues where higher SPL is needed to deliver the optimal foreground or background music experience. The 6.5-inch, two-way ceiling-mount loudspeaker offers the premium quality that the AD Series are known for, but with higher power handling to ensure optimal audio clarity with a higher noise floor.

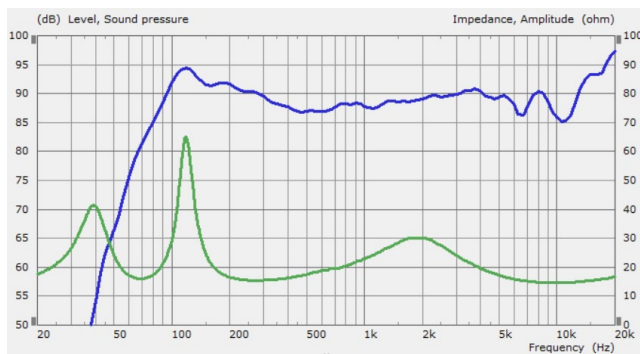
Part of AcousticDesign™ Series Portfolio: The AD-C6T-HP joins the AcousticDesign Series portfolio of loudspeakers, which offer sleek aesthetic design and high-quality, consistent sound across multiple form factors (ceiling-mount, pendant-mount and surface-mount). This enables you to choose the ideal loudspeaker for every location in your venue, knowing that guests won't notice audio transitions as they move through a space.

Advanced Loudspeaker Voicings: Q-SYS Intrinsic Correction™ advanced custom voicing filter, available via Q-SYS Core processors, further enhances performance and speed of installation for the entire AcousticDesign Series, including the AD-C6T-HP.

AD-C6T-HP

Description	6.5 in, two-way ceiling-mount loudspeaker with transformer
Transducers	6.5 in (165 mm) paper cone woofer, 1.75 in (44.5 mm) voice coil, ferrite magnet 1.4 in (35.6 mm) kapton dome compression tweeter
Sensitivity	89 dB @ 1 W, 1 m
Freq. range (-10 dB)	58 Hz - 20 kHz
Rated noise power (@16 Ω bypass)	120 W
Coverage (-6 dB)	120° conical
Directivity factor	3.6
Directivity index	5.6 dB
Max SPL (continuous/peak)	109 dB / 115 dB @ 1 m
Taps (70 V/100 V)	7.5 W, 15 W, 30 W, 60 W / 15 W, 30 W, 60 W
Bypass impedance	16 Ω
Min impedance	15.4 Ω @ 281 Hz
Crossover frequency	2.6 kHz
Input	4-pin Euroblock connector with parallel output
Enclosure material	Powder coated steel backcan
Grille material	Powder coated steel
Net weight	13.4 lb (6.07 kg)
Product dimensions (HxWxD)	9.3 x 11 x 11 in (235 x 280.5 x 280.5 mm)
Shipping dimensions (HxWxD)	11.8 x 27.7 x 14.8 in (300 x 703 x 377 mm)
Shipping weight [kg/carton]	36.3 lb (16.48 kg) (2 units per carton)
Optional accessories	AD-MR6 mud ring

*Specs subject to change without notice

Impedance / Frequency Response:**Beamwidth:**