

## 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  $\Omega$  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.

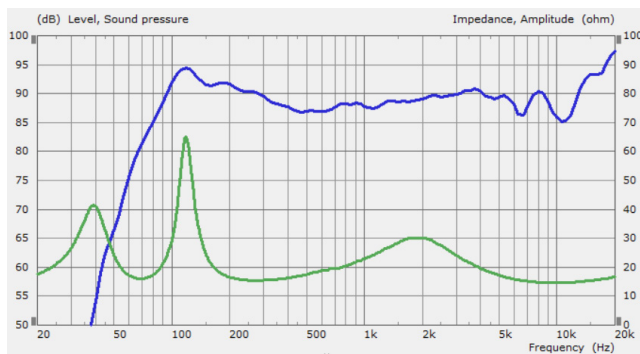
**Part of AcousticDesign™ Series Portfolio:** The AD-C6T-HP joins the AcousticDesign Series portfolio of loudspeakers, which offer sleek aesthetic design and high-quality, consistent sound across multiple form factors (ceiling-mount, pendant-mount and surface-mount). This enables you to choose the ideal 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**

<b>Description</b>	6.5 in, two-way ceiling-mount loudspeaker with transformer
<b>Transducers</b>	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
<b>Sensitivity</b>	89 dB @ 1 W, 1 m
<b>Freq. range (-10 dB)</b>	58 Hz - 20 kHz
<b>Rated noise power (@16 Ω bypass)</b>	120 W
<b>Coverage (-6 dB)</b>	120° conical
<b>Directivity factor</b>	3.6
<b>Directivity index</b>	5.6 dB
<b>Max SPL (continuous/peak)</b>	109 dB / 115 dB @ 1 m
<b>Taps (70 V/100 V)</b>	7.5 W, 15 W, 30 W, 60 W / 15 W, 30 W, 60 W
<b>Bypass impedance</b>	16 Ω
<b>Min impedance</b>	15.4 Ω @ 281 Hz
<b>Crossover frequency</b>	2.6 kHz
<b>Input</b>	4-pin Euroblock connector with parallel output
<b>Enclosure material</b>	Powder coated steel backcan
<b>Grille material</b>	Powder coated steel
<b>Cutout dimension</b>	Ø 245 mm (Ø 9.65 in)
<b>Net weight</b>	13.4 lb (6.07 kg)
<b>Product dimensions (HxWxD)</b>	9.3 x 11 x 11 in (235 x 280.5 x 280.5 mm)
<b>Shipping dimensions (HxWxD)</b>	11.8 x 27.7 x 14.8 in (300 x 703 x 377 mm)
<b>Shipping weight [kg/carton]</b>	36.3 lb (16.48 kg) (2 units per carton)
<b>Optional accessories</b>	AD-MR6 mud ring

\*Specs subject to change without notice

**Impedance / Frequency Response:****Beamwidth:**