

## AcousticDesign™ Series AD-C6T-HC

### KEY FEATURES

- 6.5-inch, two-way coaxial driver with a 1.4-inch compression driver
- High power handling and tight coverage area enables venues with high ceilings or reverberant spaces
- 75° 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-HC

Ceiling-mount loudspeaker for high ceilings and/or reverberant spaces

As part of the AcousticDesign Series, the AD-C6T-HC (high-ceiling) is a 6.5-inch, two-way ceiling-mount loudspeaker designed for venues with high ceilings or reverberant spaces such as ballrooms, airports, atriums and lobbies.

**Let the Music be Heard:** The AD-C6T-HC 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 ceiling-mount loudspeaker that offers the premium quality that the AD Series are known for, but with higher power handling and tighter coverage to ensure the optimal audio experience in spaces with high ceilings.

#### **Part of AcousticDesign™ Series Portfolio:**

The AD-C6T-HC 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

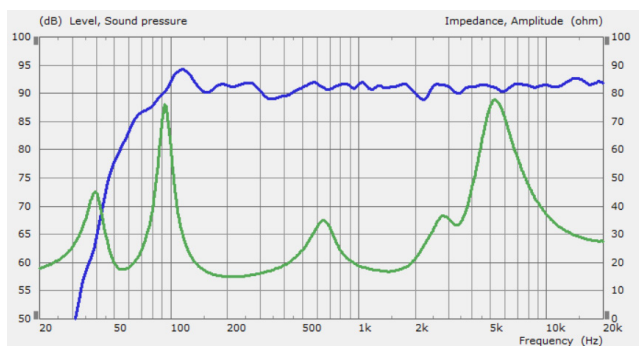
Intrinsic Correction™ advanced custom voicing filter, available via Q-SYS Core processors, further enhances performance and speed of installation for the entire AcousticDesign Series, including the AD-C6T-HC.

## AD-C6T-HC

<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>	90 dB @ 1 W, 1 m
<b>Freq. range (-10 dB)</b>	45 Hz - 20 kHz
<b>Rated noise power (@16 Ω bypass)</b>	120 Wrms
<b>Coverage (-6 dB)</b>	75° conical
<b>Directivity factor</b>	10
<b>Directivity index</b>	10 dB
<b>Max SPL (continuous/peak)</b>	110 dB / 116 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>	14.97 Ω @ 208 Hz
<b>Crossover frequency</b>	2.5 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>	Ø305 mm (Ø12 in)
<b>Net weight</b>	19 lb (8.58 kg)
<b>Product dimensions (HxWxD)</b>	12 x 13.4 x 13.4 in (313 x 340 x 340 mm)
<b>Shipping dimensions (HxWxD)</b>	14.2 x 32.5 x 17.5 in (360 x 825 x 445 mm)
<b>Shipping weight [kg/carton]</b>	48.9 lb (22.16 kg) (2 units per carton)
<b>Optional accessories</b>	AD-MR8 (pre-install mud ring), 305 mm cutout size AD-C305C (collar adapter), 305 mm cutout size

\*Specs subject to change without notice

### Impedance / Frequency Response:



### Beamwidth:

