Q-SYS™

AcousticCoverage™ Series AC-C4T

KEY FEATURES

- High quality 4" full-range transducer provides exceptional clarity through the critical voice range.

- Ported baffle for increased low frequency extension down to 70 Hz.

- Low saturation 70/100V transformers with 8 Ω bypass.

- 4 pole Euroblock connector eases system wiring.

- Advanced voicing filter sets using QSC Intrinsic Correction™ available through either Q-SYS™ processing or CXD amplifier platforms.

- Advanced voicing via QSC Intrinsic Correction™, applied using the Q-SYS™ Platform or CXD Series amplifier platforms.

- White (RAL 9010) with UV inhibitors to match complimenting QSC product families.

- Complete EASE, CAD & BIM information available online

AcousticCoverage™ Series AC-C4T

Full-range, ceiling mount loudspeaker

The QSC AcousticCoverage™ Series AC-C4T is a ceiling mounted 4" full-range loudspeaker with 70/100V transformer, suitable for a wide variety of audio/video conferencing reinforcement, voice paging and background music applications.

AcousticCoverage™ Series is designed to offer integrators a cost effective solution for applications where voice reinforced coverage is of primary concern, while providing improved musicality often not seen in typical BGM class products.

A high quality 4 inch polypropylene cone transducer with butyl rubber surround offers pristine clarity through the critical vocal range for increased speech intelligibilty. With 140 degrees of conical coverage, the AC-C4T reduces the number of loudspeakers required for even coverage in low ceiling applications.

The easy to install blind mount assembly features a ported baffle which optimally tunes the galvanized steel backcan for added musicality, creating low frequency extension down to 70 Hz. To maintain this frequency response, the AC-C4T utilizes a variable tap 16 watt low saturation and low loss 70/100V transformer, accessible under the powder coated steel grill via a rotary selector which also includes an 8 Ω bypass setting.

To further enhance performance and speed of install with optimum result, advanced voicing filter sets using the Q-SYS™ Platform, including CXD Series amplifiers for a complete QSC systems solution.

Installers will appreciate the 4 pole Euroblock connector for loop thru wiring, located under a quick access swivel plate. Eliminating the termination hassles of star topology wiring designs, the generous Euroblock of the AC-C4T can accept four 18AWG pairs.

A safety tether tab is affixed to the adjustable conduit clasp plate for seismic sensitive installations. C-ring and tile rails are included with each pair packed assembly, complete with joining screws and cut-out template.

The AC-C4T baffle and grill are QSC standard white (RAL 9010) to match complimenting QSC product families and includes UV inhibitors to prevent discoloration over time. The AC-C4T may also be painted to match any décor.

To assist in successful systems integration, complete EASE, CAD, and BIM files are available for download online.

Certified for
Microsoft Teams

AC-C4T

System Detail

Effective frequency range [1]	70 Hz – 16 kHz
Rated noise power / voltage [2]	16 W/11.3 V (rms)
Broad-band sensitivity [3]	89 dB SPL
Coverage angle (-6 dB)	140° (500 Hz - 5 kHz)
Maximum continuous SPL [4]	101 dB
Maximum peak SPL [4]	107 dB
Rated impedance	8 Ω
Transformer taps	70 V: 16, 8, 4, 2, 1 W and 8 Ω bypass / 100 V: 16, 8, 4, 2, W and 8 Ω bypass
Transducer	4" Polypropylene cone with butyl rubber surround
Input connector type	Euroblock connector with parallel output terminals
Baffle material	Painted ABS polymer
Grille material	Powder coated steel
Back Can Material	Galvanized steel
Testing	Listed UL1480, UL2043 safe for use in air handling space
Net weight	4.9 lbs/2.22 kg
Product dimensions	Ø 8.4 x 7.9 in (Ø 214 x 201 mm)
Cut-out Dimensions	Ø 7.3 in (Ø 186 mm)
Ceiling Capture Thickness	0.25 - 1.5 in (6.35 - 38.1mm)
Shipping weight	15.1 lb /6.86 kg
Shipping dimensions	10.75 x 24 x 10.5 in (273.1 x 609.6 x 266.7 mm)
Included accessories	Rails & C-ring for ceiling tile installation
Optional accessories	AC-MR4 (pre-install mud ring)

1. Half-space, -10 dB from on-axis sensitivity
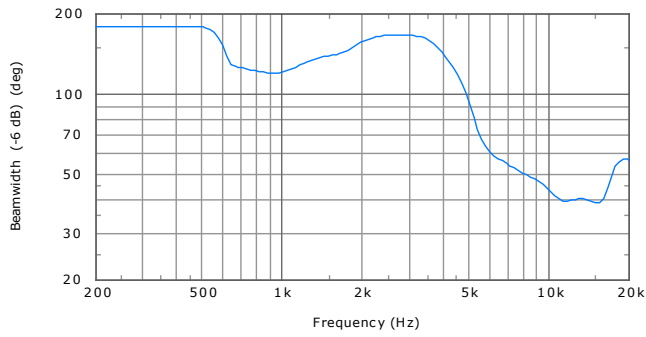2. IEC60268-1 noise signal for 2 Hrs
3. On-Axis, free-field sensitivity, 2.83 V, 1m
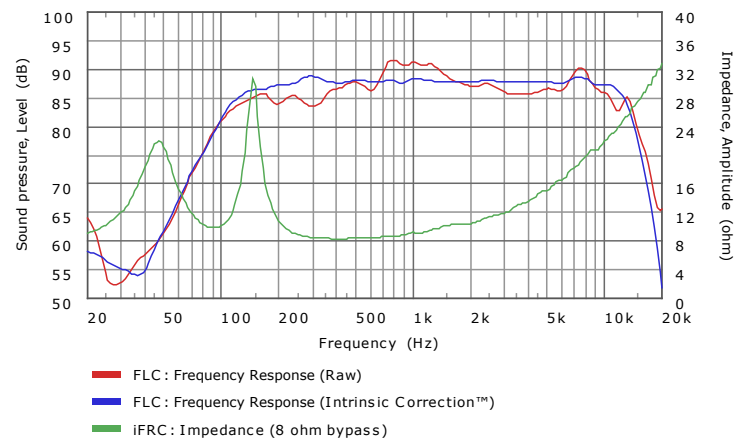4. Calculated from rated noise voltage and sensitivity

As part of Q-SYS's ongoing commitment to product development, specifications are subject to change without notice.

AC-C4T

Beamwidth

Impedance/Frequency Response:

— FLC : Frequency Response (Raw)
— FLC : Frequency Response (Intrinsic Correction™)
— iFRC : Impedance (8 ohm bypass)

Dimensions:

201 [7.91]

10 [.39]

181,5 [7.15]

142 [5.59]

207,8 [8.18]

∅ 214 [8.43]

4X MOUNTING CLAMPS

Q-SYS

+1·800·854·4079 | +1·714·754·6175 | WWW.QSYS.COM