PRODUCT DESCRIPTION

The Qt® Room Control can be used to adjust the sound masking level for an individual room or a space with up to 8 Emitters or 14 Active Emitters. This **version of our** wall mounted volume control unit is designed to work with **Qt 300 and Qt 600** Cambridge Sound Management sound masking systems **only**. It installs easily in new or existing construction and fits in most standard electrical boxes, including open back, low voltage brackets. The Qt Room Control controlled room can be its own run from the controller or part of a run to other areas.

FEATURES

- Decora® centerplate, faceplate, and knob available in white
- Features 6 separate volume settings, from -10.0 dB to 0.0 dB (nominal)
- Bottom level setting installer selectable between Mute and –10.0 dB
- Controls up to 8 Qt Emitters or 14 Qt Active Emitters
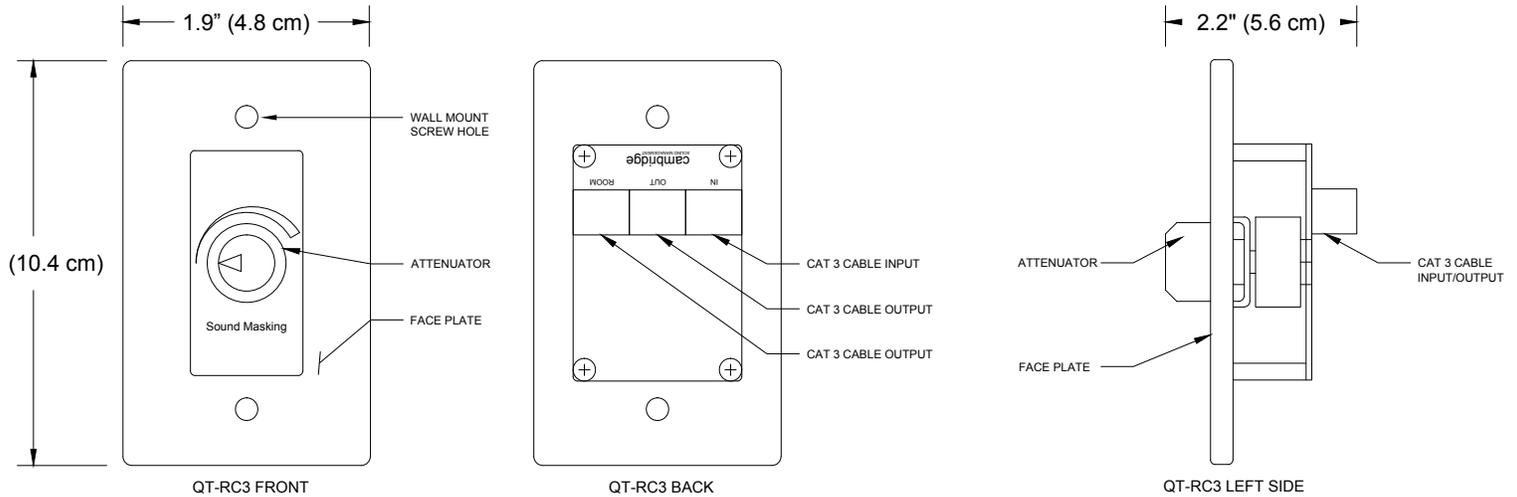- Mounts in most standard electrical boxes, including open back low voltage brackets

TECHNICAL SPECIFICATIONS

Frequency Response:	+/- 1 dB - 100 Hz -12,000 Hz
Number of Dentent Positions:	6 Positions
Attenuation per Step:	2 dB per Step (0, -2, -4, -6, -8, -10 dB)
Final Attenuation Step:	"-10 dB" or "OFF" - Selectable via rear switch.
Device Loss:	Decrease maximum emitter run count by Qty 2 for every room control device inserted.
Number of Masking Zones:	1 Zone
Maximum Number of Emitters:	Control Up to 8 Emitters per Room, or 14 Active Emitters
Input Connector:	RJ45 x Quantity 1 (8 Conductor) - IN Feed from Qt control processor.
Output Connector:	RJ45 x Quantity 1 (8 Conductor) - OUT Feed for continuation of the cable run to additional areas.
Room Connector:	RJ45 x Quantity 1 (8 Conductor) - ROOM Feed to local emitters requiring control.
System Compatibility:	Qt-300 /Qt-600 - (not for use with Qt100 or SPS30/300 Controllers)
Cabling Type:	UTP Categories 3, 5, 5e, 6 (8 conductor 23- 24AWG Solid Conductor)
Included Accessories:	Decorator Style Plate - White
¹Mounting:	Installation in 1-Gang electrical enclosure or Class 2 mounting bracket - 2" Width x 2.5" Depth Minimum
Color:	White - Grey Lettering
Dimensions:	4.1"H x 1.9"W x 2.2"D (10.4 cm x 4.8 cm x 5.6 cm)
Weight:	4.7 oz. (133 g)
Operating Temperature Range:	40°F to 90°F (4°C to 32°C)
Certifications:	none
SKU#:	Qt-RC3

1 Confirm electrical box or mounting bracket width and depth meets minimums (2" Wide x 2.5" depth).

ARCHITECTURAL SPECIFICATIONS

User-accessible control of sound masking/audio level within a defined area shall be provided via a wall-mounted rotary knob. The device shall accept the input of four channels of sound masking/audio on RJ45 terminated Category cable, distribute two channels of masking/audio to up to eight daisy-chained sound masking emitters, and pass-through unaltered the four channels of masking/audio to the next device in the sound masking zone. The rotary knob shall provide five detented positions, each providing in a -2dB (nominal) stepped reduction in masking/audio level. An installer-accessible switch shall toggle the leftmost detent between an additional -2dB attenuation step and -infinity (mute) state. The device shall require no auxiliary power to operate and be compatible with both passive and actively-powered sound masking emitter architectures. Methods utilizing wireless remote controls and devices requiring auxiliary power and network connections shall not be acceptable. The entire device shall fit and mount within a standard, single-gang electrical box or low-voltage bracket and be compatible with Decora faceplates. All visible surfaces shall be white with a label indicating that the device controls "Sound Masking." The device shall meet and be installed in accordance with all requirements of local, regional, and national electrical codes.

QT-RC3 FRONT — QT-RC3 BACK — QT-RC3 LEFT SIDE

OPTIONAL ACCESSORIES

10' Plenum Rated Home Run Cable	SKU# CC-10 - (B=Black / W=White)
25' Plenum Rated Home Run Cable	SKU# CC-25 - (B=Black / W=White)
50' Plenum Rated Home Run Cable	SKU# CC-50 - (B=Black / W=White)
75' Plenum Rated Home Run Cable	SKU# CC-75 - (B=Black / W=White)
100' Plenum Rated Home Run Cable	SKU# CC-100 - (B=Black / W=White)
4 Pack of Qt Emitters White -16ft Cables	SKU# E-A-W-16-4 (4 Pack of White Emitters with 4 x 16ft Cables)
4 Pack of Qt Emitters Black -16ft Cables	SKU# 3E-A-B-16-4 (4 Pack of Black Emitters with 4 x 16ft Cables)
4 Pack of Qt Emitters White -30ft Cables	SKU# E-A-W-30-4 (4 Pack of White Emitters with 4 x 30ft Cables)
4 Pack of Qt Emitters Black -30ft Cables	SKU# 3E-A-B-30-4 (4 Pack of Black Emitters with 4 x 30ft Cables)
Adjustable white Qt Emitter 4 pack with 4 x 16ft Plenum Rated Cables	SKU# E-A-W-16-4 (E-A-B-16-4 for Black)
Adjustable white Qt Emitter 4 pack with 4 x 30ft Plenum Rated Cables	SKU# E-A-W-30-4 (E-A-B-30-4 for Black)
Adjustable white Qt Active Emitter 4 pack with 4 x 16ft Plenum Rated Cables	SKU# E-P-W-16-4 (E-P-B-16-4 for Black)
Adjustable white Qt Active Emitter 4 pack with 4 x 30ft Plenum Rated Cables	SKU# E-P-W-30-4 (E-P-B-30-4 for Black)