DATA SHEET
QT-RC2
IN-ROOM VOLUME CONTROL FOR Qt® 100



The Qt® Room Control can be used to adjust the sound masking level for an individual room or a space. This version of the wall mounted volume control unit is designed to work with Cambridge Qt 100 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 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 standard Qt Emitters
- Mounts in most standard electrical boxes, including open back low voltage brackets

ARCHITECTS & ENGINEERS SPECIFICATION

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 RJ-45 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 -2 dB (nominal) stepped reduction in masking/audio level. An installer-accessible switch shall toggle the leftmost detent between an additional -2 dB 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® style 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.

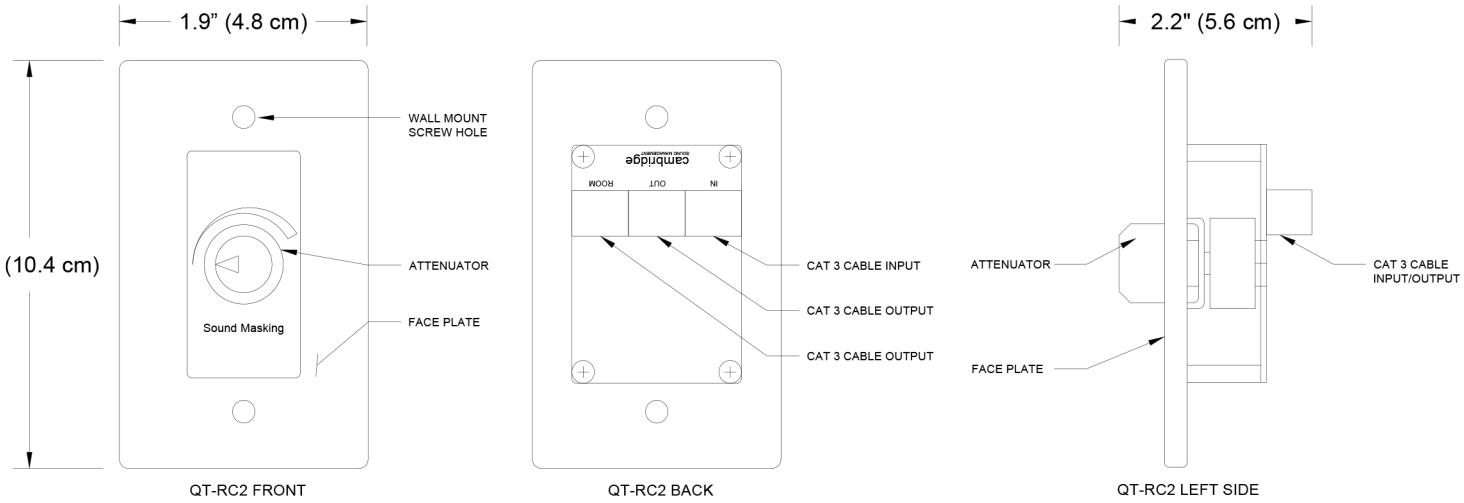
Drawings and product details are for information and/or illustrative purposes only, and may vary. Please contact your local Memtech representative for the most current product information.

QT-RC2 SPECIFICATIONS

System Compatibility:	Qt 100 only
Frequency Response (±1 dB):	- 100 Hz - 12 kHz
Number of Dentent Positions:	6
Attenuation per Step:	2 dB (0, -2, -4, -6, -8, -10 dB)
Final Attenuation Step:	"-10 dB" or "OFF" selectable via rear switch
Number of Masking Zones:	1
Maximum Number of Emitters:	8 standard emitters
Device Loss:	Decrease maximum emitter count by 1 for every QT-RC2 device inserted
Connectors	
Input:	RJ-45
Output (Pass-Through):	RJ-45
Room:	RJ-45

Cabling Type	UTP category cable
Included Accessories:	Decorator Style Plate - White
Product Dimensions	
Height:	4.1 inches (104 mm)
Width:	1.9 inches (48 mm)
Depth:	2.2 inches (56 mm)
Weight:	4.7 oz. (133 g)
Environmental:	
Ambient Operating Temperature Range:	40 - 90° F (4 – 32° C)
Humidity:	0-95% relative humidity (non-condensing)
Altitude:	0-6,600 ft (0-2000m) MSL
Compliance:	

DRAWINGS



QT-RC2 FRONT | QT-RC2 BACK | QT-RC2 LEFT SIDE

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