



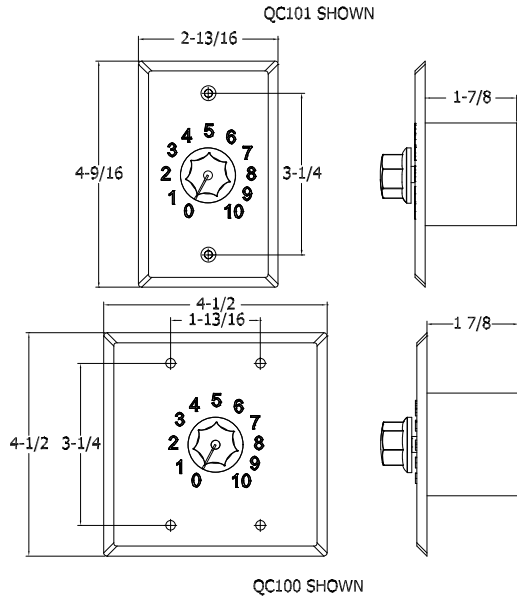
Quam



QC 100 Series

0501-Attenuators
0501.1- Attenuators, UL Listed

0501, 0501.1 - ATTENUATORS



GENERAL DESCRIPTION

The Quam QC100xx is a dual gang, continuous rotary ten-step audio level attenuator with an OFF position.

The Quam QC101xx is a single gang, continuous rotary ten-step audio level attenuator with an OFF position.

Both single gang and dual gang formats are available in: -P (Priority relay), -RM (Rack Mount) and -W (White finish) formats described below.

All variants except the QC10xP are UL Listed 813.

Finish: QC10x, QC10xP- Brushed stainless steel, embossed position

QC10xRM- 2" x 2" dial scale, white on black

QC10xW- White baked hybrid epoxy finish, no position on scale

Knob: QC10x, QC10xP, QC10xRM- Black with white indicator

QC10xW- White molded indicator

INTENDED USE

QC10x, QC10xRM, QC10xW:

Attenuates audio power to any number of loudspeakers up to 100W load. For use with 25V or 70.7V distributed audio systems, indoor environment. UL Listed 813

QC10xP: (No UL Listing)

Attenuates audio power to any number of loudspeakers up to 100W load. For use with 25V or 70.7V distributed audio systems, indoor environment. When internal 24VDC relay is activated, attenuator function is bypassed.

SYSTEM COMPONENTS

N/A

RECOMMENDED ADDITIONAL QUAM COMPONENTS

0403- Surface Mounting Devices

SE4W/2 Double Gang Box- QC100 Only

SE4W Single Gang Box- QC101 Only

AUDIO SPECIFICATIONS

| | |
|--------------------------------------|--|
| Power Rating | 100W Continuous |
| Attenuation (Ref: 25V,70.7V line) | Position 10, Full signal Positions 9-3, -3 dB each Positions 2-1, -6 dB each Position 0, -36 dB |
| Insertion Loss | < 0.5 dB |

MECHANICAL SPECIFICATIONS

| | |
|------------------|---|
| Mounting | QC100, QC100W, QC100P: Dual Gang electrical box, 2-3/4" deep QC101, QC101W: Single Gang electrical box, 2-3/4" deep QC101P: Single Gang electrical box, 3-1/2" deep QC10xRM: 2RU rack panel or greater, 1/8" thick maximum |
| Relay Actuation | 24VDC, 0.15A (QC100P only) |
| Audio Connection | 10" long, color-coded tinned wires, |

Recommended construction sequences, installation instructions and A&E Specifications are available in various formats on the Quam Architects' and Engineers' Resources CD or on the web at: www.quamspeakers.com

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05 ATTENUATORS