

## PRODUCT DESCRIPTION

The Qt 600 control module is a sound masking generator, controller, third octave band equalizer and amplifier, with two aux audio inputs to allow for distribution of audio from paging controllers and/or (background) music players. The Qt 600 control module is a compact six-zone networkable controller suitable for installations of up to 72,000 square feet (6,689 m<sup>2</sup>). Each zone can be independently adjusted for masking and aux audio levels and spectra. Levels can be adjusted from the unit's front panel or from a remote desktop leveraging the unit's network connectivity and browser based GUI.



## FEATURES

- Compatible with Qt Emitters or Qt Active Emitters
- Up to 6 zones
- 2 audio inputs for paging and music
- Contact closure integrates with fire alarm systems
- Front panel with LCD or browser-based software control (or control via the Qt Command Center, sold separately)
- Panel lock (hardware)
- Auto ramping
- Time-of-day scheduling
- Adjustable equalizer for masking and audio inputs
- 4 non correlated sound masking audio sources per zone
- Built-in clock with battery backup
- Wall mount bracket included, optional rack mount bracket also available (SKU: RM-QT)
- Ethernet port
- Web interface control by any web-enabled device
- Third party control API/Ethernet

## TECHNICAL SPECIFICATIONS

	Qt® Emitter	Qt® Active Emitter
*Sound Masking Frequency Response:	125Hz-6300Hz	200Hz-6300Hz
*Music/Paging Frequency Response:	200Hz-10000Hz	115Hz-12000Hz
*Masking Min-Max SPL:	30 to 55 dBA @ 1 meter	30dBA to 55 dBA @ 1 meter
*Music / Paging Max SPL:	56 dBA @ 1 meter	74 dBA @ 1 meter
User Adjustable Masking Equalization	ISO 1/3 Octave Bands 200Hz to 6300Hz	ISO 1/3 Octave Bands 125Hz to 6300Hz
User Adjustable Audio Equalization	ISO 1/1 Octave Bands 250Hz to 8000Hz	ISO 1/1 Octave Bands 250Hz to 8000Hz
Emitter / Device Capability	Max 60 Emitters plus	Max 50 Emitters plus
Maximum Emitter Cabling Distance	1000 ft (300 m) per cable run	800 ft (243 m) per cable run

Non Correlated Masking Sources:	24 Masking Sources - (4 per Zone)
Number of Masking Zones:	6 Zone - (2 Cable Runs per Zone)
Number of Audio Inputs:	2 Audio Input - (Stereo or Mono)
Audio Input Level:	+4 dBu (2 Volts RMS Max)
Audio Input Impedance:	5000 Ω
Audio Input Connector:	Captive Screw Terminal (Balanced / Unbalanced)
Emergency Mute Function:	Quantity 2 - Masking / Audio Input B - Contact Closures (Normally Open)
Emergency Mute Connector:	Captive Screw Terminal
Minimum Output Impedance:	2Ω per channel
Power Input Connection:	2.5 x 5.5 mm Coax Power Plug (center pin positive)
Output Connections:	RJ45 x Quantity 12 (8 Conductor)
Masking Level Adjustment:	Four Front Panel Buttons w/ LCD Display - Ethernet Connected via Web Browser - 0.5 dB Steps per zone



## OPTIONAL ACCESSORIES

Rack Mount Kit	SKU# RM-QT
Hole Saw ACT	SKU# HS-ACT (Qty 1 Included)
Hole Saw Drywall	SKU# HS-DW
Bridge Mode Cable	SKU# CC-BMC
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)
Room Control (White)	SKU# Qt-RC3
Qt-300/600 Power Supply	SKU# PS-3 (Qty 1 Included)
Qt- AE Emitter Power Supply	SKU# PS-AE-3
Qt-AE Emitter Power Injector	SKU# PI-AE
Adjustable White Qt Emitter 4 Pack with 4x 16 ft Plenum Rated Cables	SKU# E-A-W-16-4 (E-A-B-16-4 for Black)
Adjustable White Qt Emitter 4 Pack with 4x 30 ft Plenum Rated Cables	SKU# E-A-W-30-4 (E-A-B-30-4 for Black)
Adjustable White Qt Active Emitter 4 Pack with 4x 16 ft Plenum Rated Cables	SKU# E-P-W-16-4 (E-P-B-16-4 for Black)
Adjustable White Qt Active Emitter 4 Pack with 4x 30 ft Plenum Rated Cables	SKU# E-P-W-30-4 (E-P-B-30-4 for Black)