Qt® Emitters

Qt® Emitters are what makes QtPro™ the most effective sound masking system on the market today. Emitters come in packs of 4 with either 16’ or 30’ cables.

**Features**

- Wide dispersion direct field speakers with 1.25” (3.17 cm) drivers
- Small driver size results in nearly 180 degree distribution of direct field sound masking
- Plug and play installation and easy configuration capability
- Eliminates acoustical interference by using four uncorrelated channels
- DIP switches reduce the volume level up to 9 dB in 3 dB increments for easy microzoning
- Plenum rated, UL-listed and complies with UL 2043
- Comes standard with slip ring for acoustical tile mounting

**Specifications**

- Height: 2.5” (6.4 cm)
- Diameter: 3.25” (8.3 cm)
- Weight: 5.6 oz (159 g)
- Color: white
- Frequency Response: +/- 1 dB in 1/3 octave bands over entire speech range as equalized by the control module
- Maximum Output: 36-57 dB
- Wiring: plenum rated CAT3 or better
- Connections: RJ-45

Qt Emitter Optional Mounting Choices

**UNIVERSAL BRACKET**
SKU: UB-W, UB-B
This enclosure is used for mounting the Qt Emitter to a wall or ceiling. The bracket cylinder rotates in 45-degree increments for optimal sound dispersion. Available in white or black.

**BEAM BRACKET**
SKU: BB-W, BB-B
This enclosure is used for mounting the Qt Emitter to exposed I-beams or trusses that are less than an inch wide. Available in white or black.

**DRYWALL**
SKU: DM
This enclosure is used for mounting the Qt Emitter into drywall ceilings.

**DRYWALL CONDUIT**
SKU: CM
This enclosure is ideal for mounting the Qt Emitter into hard ceilings in areas requiring conduit mounting.

**PLENUM BACK CAN**
SKU: PB
This enclosure is used for mounting the Qt Emitter into acoustic ceiling tile in regions with special fire and/or conduit requirements.

**EMITTER CAPS**
SKU: EC-W, EC-B
Emitter caps can be ordered individually so you can paint them if necessary. Available in black or paintable white.
Qt® Control Modules

**Qt® 100**  
SKU: Qt 100  
Ideal for smaller, single zone spaces up to 12,000 square feet (1,100 m²).

**Features**
- 1 zone, up to 120 emitters
- 1 audio input for paging or music
- Integrates with emergency paging systems
- Front panel control with LCD
- Panel lock (software)
- iOS configuration app
- Surface mount only

**Specifications**
- Width: 7” (17.8 cm)  
- Height: 3.5” (8.9 cm)  
- Depth: 0.875” (2.3 cm)  
- Weight: 6 oz (170 g)  
- Max. power consumption: 7 total watts  
- Frequency response:  
  - sound masking: 200 Hz to 5 kHz, 1/3rd OBs  
  - paging & music: 250 Hz to 8 kHz, OBs  
- Auxiliary audio inputs: 5000 ohms, dry line-level input (+4 dBu max)

**Qt® 300**  
SKU: Qt 300  
Ideal for medium sized, 3-zone spaces up to 36,000 square feet (3,500 m²).

**Features**
- Up to 3 zones, 120 emitters per zone
- 2 audio inputs for paging and music
- Integrates with emergency paging 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
- System monitoring and fault detection
- Built-in clock with battery backup
- Equipment rack mount available  
  (SKU: RM-QT)

**Specifications**
- Width: 11” (27.9 cm)  
- Height: 3.5” (8.9 cm)  
- Depth: 3.8” (9.7 cm)  
- Weight: 1.5 lbs (680 g)  
- Max. power consumption: 15 total watts  
- Frequency response:  
  - sound masking: 200 Hz to 5 kHz, 1/3rd OBs  
  - paging & music: 250 Hz to 8 kHz, OBs  
- Auxiliary audio inputs: 5,000 ohms, dry line-level input (+4 dBu max)

**Qt® 600**  
SKU: Qt 600  
Ideal for medium to large multi-zone spaces of up to 72,000 square feet (7000 m²).

**Features**
- Up to 6 zones, 120 emitters per zone
- 2 audio inputs for paging and music
- Integrates with emergency paging 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
- System monitoring and fault detection
- Built-in clock with battery backup
- Equipment rack mount available  
  (SKU: RM-QT)

**Specifications**
- Width: 13.5” (34.3 cm)  
- Height: 3.5” (8.9 cm)  
- Depth: 3.8” (9.7 cm)  
- Weight: 3 lbs (1.4 kg)  
- Max. power consumption: 27 total watts  
- Frequency response:  
  - sound masking: 200 Hz to 5 kHz, 1/3rd OBs  
  - paging & music: 250 Hz to 8 kHz, OBs  
- Auxiliary audio inputs: 5,000 ohms, dry line-level input (+4 dBu max)
Additional Products

QT® CONFERENCE ROOM EDITION
SKU: QT-CRE
The Qt® Conference Room system is designed to protect speech privacy in conference rooms, meeting rooms, and board rooms. This all-in-one speech protection solution includes a control module, privacy signs, and emitters.

Features
• Control module and privacy signs provide clear indication that the system is activated
• Easy to integrate with in-room Crestron/AMX control systems
• Smooth sound masking ramp up and ramp down to limit disruptions
• Can be turned on and off for meetings or left running at all times
• Out-of-the-box support for conference rooms with up to 40 ft (12 m) of exposed wall

Specifications
Control Module
Width: 8.31” (21.1 cm)
Height: 4.44” (11.3 cm)
Depth: 1.06” (2.7 cm)
Weight: 0.7 lb (300 g)
Power supply: compatible with 100V to 240V AC power mains
Power consumption: entire system uses less than 7 watts

Privacy Signs
Width: 3.5” (9 cm)
Height: 4.5” (11.3 cm)
Depth: 0.19” (0.48 cm)
Weight: 0.1 lb (50 g)
Power supply: powered from the control module via plenum rated wire
Power consumption: entire system uses less than 7 watts

Qt Emitters
Height: 2.5” (6.4 cm)
Diameter: 3.25” (8.3 cm)
Weight: 5.6 oz (159 g)
Power supply: powered from the control module via plenum rated wire
Power consumption: entire system uses less than 7 watts

QT® ROOM CONTROL
SKU: QT-RC2
Designed to work with any QtPro sound masking system, the Qt Room Control allows users to adjust the sound masking level for an individual room or a space.

Features
• Decora® centerplate, faceplate, and knob available in white
• Features 6 separate volume settings, from -12.5 dB to 0.0 dB (nominal)
• Bottom level setting installer selectable between Mute and –12.5 dB
• Controls up to 8 QtPro emitters
• Mounts in most standard electrical boxes, including open back low voltage brackets

Specifications
Width: 1.9” (4.8 cm)
Height: 4.1” (10.4 cm)
Depth: 2.2” (5.6 cm)
Weight: 4.7 oz (133 g)
No external power required
Input/Output Wire Specifications: CAT 3, 5, 6 cables
Max. Emitters Supported: 8

QT® COMMAND CENTER
SKU: QT-CC
The Qt Command Center is a powerful enterprise software application that allows administrators to remotely manage multiple networked QtPro sound masking systems. The user friendly software makes accessing sound masking control modules on a corporate LAN a breeze, eliminating the need to access them physically. The Qt Command Center helps large facilities ensure optimal system performance from anywhere in the world.
## Complete Product List

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<th>SKU</th>
<th>DESCRIPTION</th>
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</thead>
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<td><strong>CONTROL MODULES</strong></td>
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<tr>
<td>QT 100</td>
<td></td>
<td>1 zone control module for up to 120 emitters. Includes one integrated aux audio input.</td>
</tr>
<tr>
<td>QT 300</td>
<td></td>
<td>3 zone control module for up to 360 emitters. Includes two integrated aux audio inputs and network control.</td>
</tr>
<tr>
<td>QT 600</td>
<td></td>
<td>6 zone control module for up to 720 emitters. Includes two integrated aux audio inputs and network control.</td>
</tr>
<tr>
<td>SQT-1</td>
<td></td>
<td>Sonet Qt, individual sound masking system for up to 200 sq ft.</td>
</tr>
<tr>
<td><strong>EMITTERS</strong></td>
<td></td>
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</tr>
<tr>
<td>E-A-W-16-4</td>
<td></td>
<td>Adjustable white emitter 4 pack with 4x 16 ft white plenum rated cables</td>
</tr>
<tr>
<td>E-A-W-30-4</td>
<td></td>
<td>Adjustable white emitter 4 pack with 4x 30 ft white plenum rated cables</td>
</tr>
<tr>
<td><strong>CONFERENCE ROOM EDITION</strong></td>
<td></td>
<td>1 zone Conference Room Edition system with eight 16' cables, 8 emitters, 50' home run cable, and 2 privacy signs</td>
</tr>
<tr>
<td>QT-CRE</td>
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<tr>
<td><strong>CABLING</strong></td>
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<tr>
<td>CC-10-W</td>
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<td>White 10 ft plenum rated cable</td>
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<tr>
<td>CC-10-B</td>
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<td>Black 10 ft plenum rated cable</td>
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<tr>
<td>CC-25-W</td>
<td></td>
<td>White 25 ft plenum rated cable</td>
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<td>CC-25-B</td>
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<td>Black 25 ft plenum rated cable</td>
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<tr>
<td>CC-50-W</td>
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<td>White 50 ft plenum rated cable</td>
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<td>CC-50-B</td>
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<td>Black 50 ft plenum rated cable</td>
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<tr>
<td>CC-75-W</td>
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<td>White 75 ft plenum rated cable</td>
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<td>CC-75-B</td>
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<td>Black 75 ft plenum rated cable</td>
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<tr>
<td>CC-100-W</td>
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<td>White 100 ft plenum rated cable</td>
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<tr>
<td>CC-100-B</td>
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<td>Black 100 ft plenum rated cable</td>
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<tr>
<td><strong>MOUNTS/BRACKETS</strong></td>
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<td></td>
</tr>
<tr>
<td>UB-W</td>
<td></td>
<td>Universal mounting bracket - white</td>
</tr>
<tr>
<td>UB-B</td>
<td></td>
<td>Universal mounting bracket - black</td>
</tr>
<tr>
<td>BB-W</td>
<td></td>
<td>Beam mounting bracket - white</td>
</tr>
<tr>
<td>BB-B</td>
<td></td>
<td>Beam mounting bracket - black</td>
</tr>
<tr>
<td>DM</td>
<td></td>
<td>Plastic drywall mount, hole saw (HS-DW) sold separately</td>
</tr>
<tr>
<td>CM</td>
<td></td>
<td>Conduit mount/back can, hole saw (HS-DW) sold separately</td>
</tr>
<tr>
<td>PBC</td>
<td></td>
<td>Plenum back can. This back can meets fire safety and air plenum requirements that are common in Nevada and many Illinois counties.</td>
</tr>
<tr>
<td><strong>ACCESSORIES</strong></td>
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<tr>
<td>RM-QT</td>
<td></td>
<td>Rack mount bracket for the Qt 200 / 300 / 600 control module</td>
</tr>
<tr>
<td>Qt-RC2</td>
<td></td>
<td>In-room volume control with Decora style plate</td>
</tr>
<tr>
<td>EC - W</td>
<td></td>
<td>Emitter cap white (sold individually for custom painting)</td>
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<tr>
<td>EC - B</td>
<td></td>
<td>Emitter cap black</td>
</tr>
<tr>
<td>HS-ACT</td>
<td></td>
<td>68 mm acoustical ceiling tile hole saw</td>
</tr>
<tr>
<td>HS-DW</td>
<td></td>
<td>76 mm drywall hole saw</td>
</tr>
<tr>
<td>SQT-E</td>
<td></td>
<td>Sonet Qt extension kit, providing an additional 200 sq ft of coverage. For SQT-1 only.</td>
</tr>
<tr>
<td>PS-3</td>
<td></td>
<td>Qt 200 / Qt300 / Qt 600 power supply</td>
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<td>PS-4</td>
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<td>Qt 100 power supply</td>
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<tr>
<td>SP-1-2</td>
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<td>Two way splitter</td>
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<td>Four way splitter</td>
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<td>MIC-01</td>
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<td>iTest Microphone for IOS Devices</td>
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<tr>
<td>BT-DON</td>
<td></td>
<td>Bluetooth Dongle for use with Qt100</td>
</tr>
<tr>
<td>BMC</td>
<td></td>
<td>Bridge Mode Cable (sold individually, only for use with Qt 300 and Qt 600)</td>
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<tr>
<td><strong>DEMO KITS</strong></td>
<td>DK-300</td>
<td>Qt 300 demo kit</td>
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<td><strong>SOFTWARE</strong></td>
<td>QTC-C</td>
<td>Qt Command Center - single user</td>
</tr>
<tr>
<td>QTC-C-A</td>
<td>QTC-C-A</td>
<td>Qt Command Center - Users 2-5 (Additional to single user, sold individually)</td>
</tr>
<tr>
<td>QTC-C-E</td>
<td>QTC-C-E</td>
<td>Qt Command Center - enterprise (unlimited users)</td>
</tr>
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Call 800.219.8199 or email info@cambridgesound.com for pricing and ordering information

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