

QM-FBCC-1

QuickMedia® Floor Box Computer Center

Crestron MediaManager is a comprehensive family of affordable products fusing high-performance AV signal distribution, device control, and facility-wide system management. MediaManager simplifies the art of Pro AV system design and installation with complete hardware, software, and low-cost wiring solutions. Whether installing a single boardroom or a campus-wide network of AV systems, MediaManager delivers power and value far beyond conventional products and designs.

The QM-FBCC-1 QuickMedia Floor Box Computer Center is designed for mounting in a variety of popular floor boxes to provide a convenient computer interface solution for any MediaManager system, including applications ranging from small conference rooms to large banquet halls and auditoriums.

Floor Box Computer Interface

The QM-FBCC-1 installs cleanly in a Hubbell SystemOne floor box or poke-through using their Style Line® Sub-plate and Universal Cover. Its slim dimensions and standard screw spacing may also make it suitable for use with a variety of other floor box systems. An adhesive insert is included to fit Hubbell Style Line and Leviton decorator style faceplate cut-outs.

Each QM-FBCC-1 provides a single RGB input with stereo audio to accept a connection from a computer or other RGB source. Built-in signal sensing can be utilized to trigger automatic input selection and power control. Wiring for the QM-FBCC-1 is extremely simple requiring just a single CresCAT®QM cable (sold separately).

QuickMedia® Transport

Using the revolutionary QuickMedia transport, input signals are transmitted from the QM-FBCC-1 to any QuickMedia Receiver or Distribution Center over a single inexpensive CAT5e type cable*. Computer resolutions up to 1920 X 1200 pixels at 60Hz are supported over cable runs up to 450 feet. Audio signals are transmitted digitally with high-performance 24-bit resolution. QuickMedia dramatically simplifies system design and installation, affording a higher level of performance at a lower overall cost.

MediaManager System Integration

Whether using just one Floor Box Computer Center or several, complete system operation can be made transparent to the end-user with all signal routing occurring smoothly under the command of the MediaManager control system. Complete MediaManager systems are easy to design, program and adjust from start to finish using Crestron SystemBuilder™ software.

* For QuickMedia wiring use CresCAT-QM, CresCAT-IM, or quality CAT5e/CAT6 cable with a delay skew of =15ns per 100m; the maximum aggregate cable length and delay skew between any QM transmitter (origination point) and QM receiver (endpoint) is 450 ft (137 m) and 22 ns; a maximum of two QM midpoint devices may be inserted in a given QM signal path; exceptions apply, refer to each respective product manual for full detail.

> Floor box mountable QuickMedia computer interface

> Fits Hubbell SystemOne floor boxes and poke-throughs

> Compatible with Hubbell Style Line® and decorator style faceplate cut-outs



> DB15HD RGB computer input

> Stereo audio input

> Video input signal sensing

> QuickMedia transport | Cresnet communications

> Low-cost, quick and easy installation

> Easy setup using Crestron SystemBuilder software

SPECIFICATIONS

Video

Signal Types: RGB

RGB Formats: RGBHV, RGBS, or RGsB

Gain: 0dB (75 ohms terminated)

Maximum Resolution: 1920 x 1200 @ 60Hz (at unity gain) with maximum cable length of 450 feet and maximum compensation at receiver

Audio

A-D Conversion: 24-bit, 48 kHz

Frequency Response: 20Hz to 20kHz

Connectors - Front Panel

PC: (1) DB15HD female, RGB(VGA) input;

Formats: RGBHV, RGBS, RGsB;

Input Impedance: 75 ohms;

Sync Impedance: 1k ohms;

Maximum Input Level: 1 Vp-p;

Maximum Sync Level: 5 Vp-p;

Signal sensing on H-SYNC only

AUDIO: (1) 3.5mm TRS mini phone jack;

Unbalanced stereo line-level audio input;

Input Impedance: 10k ohms;

Maximum Input Level: 1 Vrms

Connectors - Rear Panel

QM: (1) 8-wire RJ45 female, QuickMedia output port;

Connects to QM input port of any QuickMedia device via CresCAT-QM or CresCAT-IM cable*

NET: (1) 4-pin 3.5mm detachable terminal block;

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Cresnet slave port; connects to Cresnet control network via CresCAT-QM or Cresnet cable

GROUND: (1) Flying lead, grounding wire

Indicators

PWR: (1) green LED, indicates 24 Volts DC power supplied from Cresnet network

NET: (1) yellow LED, indicates communication with Cresnet system

Power Requirements

Cresnet Power Usage : 4 Watts (0.17 Amp @ 24 Volts DC)

Environmental

Temperature: 41° to 104°F (5° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 14 BTU/Hr

Enclosure

Mountable in either side of a Hubbell SystemOne floor box or poke-through using Style Line® Sub-plate (S1SP) and Universal Cover; or any floor box with a standard wall plate screw spacing (3.81 inch), 2.1(H) x 0.8(W) inch minimum faceplate cut-out, and 2.1 inch minimum depth behind faceplate; included insert accommodates Hubbell Style Line® and decorator style faceplate cut-outs

Dimensions

Height: 4.14 in (10.52 cm)

Width: 1.30 in (3.29 cm)

Depth: 1.74 in (4.41 cm)

Weight

5.5 oz (155 g)

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Available Models

QM-FBCC-1: QuickMedia® Floor Box Computer Center

Available Accessories

CBL-AUDIO-1.5: Crestron® Certified Mini-TRS Stereo Audio Interface Cable, 1.5 ft

CBL-AUDIO-12: Crestron® Certified Mini-TRS Stereo Audio Interface Cable, 12 ft

CBL-AUDIO-3: Crestron® Certified Mini-TRS Stereo Audio Interface Cable, 3 ft

CBL-AUDIO-6: Crestron® Certified Mini-TRS Stereo Audio Interface Cable, 6 ft

CBL-VGA-1.5: Crestron® Certified Computer VGA Interface Cable, 1.5 ft

CBL-VGA-12: Crestron® Certified Computer VGA Interface Cable, 12 ft

CBL-VGA-25: Crestron® Certified Computer VGA Interface Cable, 25 ft

CBL-VGA-3: Crestron® Certified Computer VGA Interface Cable, 3 ft

CBL-VGA-6: Crestron® Certified Computer VGA Interface Cable, 6 ft

CBL-VGA-AUD-12: Crestron® Certified Computer VGA Interface Cable w/ Audio, 12 ft

CBL-VGA-AUD-25: Crestron® Certified Computer VGA Interface Cable w/ Audio, 25 ft

CBL-VGA-AUD-3: Crestron® Certified Computer VGA Interface Cable w/ Audio, 3 ft

CBL-VGA-AUD-6: Crestron® Certified Computer VGA Interface Cable w/ Audio, 6 ft

CRESCAT-QM-P-SP500: QuickMedia® Cable, Low-skew CAT5e & Cresnet, plenum, 500 ft spool

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