QM-WMC-VCC

QuickMedia® Wall Plate Media 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 ProAV 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-WMC-VCC QuickMedia Wall Plate Media Center provides an elegant wall mount multimedia interface solution for any MediaManager system, including applications ranging from small conference rooms to large banquet halls and auditoriums.

Wall Mount Multimedia Interface
The QM-WMC-VCC installs cleanly in a standard electrical box or trim ring. Individual video inputs are provided for composite, component, and RGB signals, each with corresponding stereo audio, to accept connections from portable AV devices and computers. A buffered monitor pass-thru connector is also provided to feed the RGB input signal to a local monitor.

Connectivity for LAN and other signals can easily be added by ganging the QM-WMC-VCC together with other 3rd-party wall plate devices. A Crestron C2N-DB or C2N-CBD series keypad may also be installed for a truly complete multimedia interface and control solution. Wiring for the QM-WMC-VCC is extremely simple requiring just a single CresCAT®QM cable (sold separately).

AV Switcher
The built-in 3X1 switcher includes audio breakaway to allow the three program audio inputs to be switched independent of the video and RGB inputs, or linked with them. Built-in video sensing on every video/RGB input can be utilized to trigger automatic input selection and power control.

Gated Mic Preamp (Optional)
Two gated microphone inputs may be added using the QM-WMIC Microphone Input Module (sold separately). Via two Neutrik® Combo connectors, the QM-WMIC supports both dynamic and condenser type microphones with software switchable 48V phantom power available at both XLR inputs. Balanced or unbalanced line-level sources can also be accommodated using the 1/4" TRS connections. Input gain and gating controls for each microphone/line input are fully adjustable at setup, and can also be controlled in real-time from a keypad or touchpanel.

QuickMedia® Transport
Using the revolutionary QuickMedia transport, all input signals are transmitted from the QM-WMC-VCC to any QuickMedia Receiver or Distribution Center over a single inexpensive CAT5e type cable[1]. 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 Wall Plate Media 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.

> Wall mount QuickMedia multimedia interface

> Single-cable signal transmission up to 450 feet

> RCA composite & component video inputs

> DB15HD RBG computer input

> Buffered RGB monitor pass-thru

> 3 stereo audio inputs

> Video input signal sensing

> 3x1 input switching with audio breakaway

> Compatible with QM-WMIC Mic Input Module

> QuickMedia transport | Cresnet communications

> Low-cost, quick and easy installation

> Integrates with Crestron Cameo and Decorator keypads

> Available in white or black

> Easy setup using Crestron SystemBuilder software

CRESTRON®

SPECIFICATIONS

Video
Signal Types: RGB, and composite or component video
Video/HDTV Formats: NTSC or PAL, HDTV up to 1080i/1080p
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

Communications
QuickMedia: QM origination point device[1]
Cresnet: Cresnet slave device

Connectors - Front Panel
COMPONENT Y, PB, PR: (3) RCA female, component video input;
Formats: YPbPr;
Input Impedance: 75 Ohms;
Maximum Input: 1 Vp-p;
Includes signal sensing
COMPONENT L, R: (2) RCA female;
Unbalanced stereo line-level audio input;
Input Impedance: 10k Ohms;
Maximum Input Level: 2 Vrms
COMPOSITE VID: (1) RCA female, composite video input;
Input Impedance: 75 Ohms;
Maximum Input: 1 Vp-p;
Includes signal sensing
COMPOSITE L, R: (2) RCA female;
Unbalanced stereo line-level audio input;
Input Impedance: 10k Ohms;
Maximum Input Level: 2 Vrms
PC: (1) DB15HD female, RGB(VGA) input;
Formats: RGBHV, RGBS, RGsB;
Input Impedance: 75 Ohms;
H Sync Impedance: 1k Ohms;
V Sync Impedance: 2.2k 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
MONITOR: (1) DB15HD female, buffered RGBHV pass-thru

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[1]
NET: (2) 4-pin 3.5mm detachable terminal blocks;
Cresnet slave ports, paralleled; connect to Cresnet control network via CresCAT-QM or Cresnet cable
GROUND: (1) Flying lead, grounding wire
TO MIC: (1) 14-pin header;
Accepts connection from optional QM-WMIC (sold separately)

Buttons & Indicators
PWR: (1) green LED, indicates 24 Volts DC power supplied from Cresnet network
NET: (1) yellow LED, indicates communication with Cresnet system
SETUP: (1) miniature pushbutton and red LED, used for touch-settable ID

Heat Dissipation: 21 BTU/Hr

Enclosure
Construction: Metal with black finish
Flush Wall Mount: 2-gang mountable in a standard electrical box (2-1/2 inch deep minimum); requires decorator style faceplate (not included)

Dimensions
Height: 4.12 in (105 mm)
Width: 3.50 in (89 mm)
Depth: 2.56 in (65 mm)

Weight
8.0 oz (230 g)

Available Models
QM-WMC-VCC-B-T: QuickMedia® Wall Plate Media Center, Black
QM-WMC-VCC-W-T: QuickMedia® Wall Plate Media Center, White

Available Accessories
CRESCAT-QM-NP-SP500: QuickMedia® Cable, Low-skew CAT5e & Cresnet, non-plenum, 500 ft spool
CRESCAT-QM-P-SP500: QuickMedia® Cable, Low-skew CAT5e & Cresnet, plenum, 500 ft spool
QM-WMIC: Microphone Input Module

Notes:
1. 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.

Crestron Electronics, Inc. 15 Volvo Drive | Rockleigh, NJ 07647
Tel: 800.237.2041 / 201.767.3400 | Fax: 201.767.1905
www.crestron.com

CRESTRON

3.5 in
(8.89 cm)

2.56 in
(6.49 cm)

0.34 in
(0.87 cm)

2.16 in
(5.47 cm)

4.12 in
(10.45 cm)

AUDIO MONITOR AUDIO MONITOR

SETUP

1 2

PWR

NET

PC 1 PC PC 2 PC