

QM-DA-4

1 to 4 QuickMedia® Distribution Amplifier

The QM-DA-4 is a 4-output QuickMedia distribution amplifier designed to distribute a single QM signal to up to 4 QuickMedia Receivers. All signal distribution is provided over inexpensive CAT5e type cable* via Crestron's exclusive QuickMedia transport, supporting high-resolution RGB, video, stereo audio and microphone signals up to a total of 450 feet end-to-end.

Up to two QuickMedia Distribution Amplifiers, Matrix Switchers, and Distribution Centers may be cascaded in a given QuickMedia signal path* to support versatile system configurations. For instance, a QM-DA-4 may be used to expand the output capacity of a **QM-MD4X2** to feed a single output signal to four different displays.

Every QuickMedia port on the rear panel is accompanied by a Cresnet port with 24V DC power distribution built in to simplify termination of the QuickMedia and Cresnet wiring.

- > 1 to 4 QuickMedia signal distribution amp
- > Easy single-cable connections
- > No control or adjustments necessary
- > Single-space rack-mountable

SPECIFICATIONS

Video

DA: 1 to 4 distribution amp; distributes QM video input signal to all of (4) QM outputs

Gain: 0dB

Audio

DA: 1 to 4 distribution amp; distributes QM audio input signal to all of (4) QM outputs

Gain: 0dB

Connectors

QM IN: (1) 8-wire RJ45 female and (1) 4-pin 3.5mm detachable terminal block comprising (1) QuickMedia input port with Cresnet; Connects to Cresnet and QM output port of another QuickMedia device via **CresCAT-QM** cable*

QM OUT: (4) 8-wire RJ45 female and (4) 4-pin 3.5mm detachable terminal blocks comprising (4) QuickMedia output ports with Cresnet; Connect to Cresnet and QM input ports of other QuickMedia devices via **CresCAT-QM** cable*

24/G: (1) 2-pin 5mm detachable terminal block; Power input for all (4) output NET ports; Receives 24 Volts DC from an external Cresnet power supply; Maximum Load: 75 watts

NET: (1) 4-pin 5mm detachable terminal block; Cresnet slave port; connects to Cresnet control network; Power input for QM-DA-4 and input NET port

Ground: (1) 6-32 screw, chassis ground lug

LED Indicators

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



Power Requirements

Cresnet Power Usage: 10 Watts (0.41 Amps @ 24 Volts DC)

Environmental

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

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

Heat Dissipation: 33 BTU per hour

Enclosure

Chassis: Steel, black matte powder coat finish, convection-cooled, vented top and sides

Faceplate: Extruded aluminum, black matte powder coat finish with polycarbonate label overlay

Mounting: Freestanding or 1U 19-inch rack-mountable (adhesive feet and rack ears included)

Dimensions

Height: 1.70 in (4.32 cm)

Width: 17.03 in (43.25 cm);

19.0 in (48.26 cm) with ears

Depth: 6.64 in (16.86 cm)

Weight

2.82 lb (1.28 kg)

* For QuickMedia wiring use **CresCAT-QM**, **CresCAT-IM**, or quality CAT5e/ CAT6 cable with a delay skew of ≤ 15 nS 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.

Available Models

QM-DA-4 [6501464]: 1 to 4 QuickMedia Distribution Amplifier [Limited Supply]

QM-DA-41 to 4 QuickMedia® Distribution Amplifier

QM-DA-41 to 4 QuickMedia® Distribution Amplifier

