

# QM-DA-8

## 1 to 8 QuickMedia® Distribution Amplifier

The QM-DA-8 is an 8-output QuickMedia distribution amplifier designed to distribute a single QM signal to up to 8 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-8 may be used to expand the output capacity of a **QM-MD4X2** to feed a single output signal to eight 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 8 QuickMedia signal distribution amp
- > Easy single-cable connections
- > No control or adjustments necessary
- > Single-space rack-mountable

### SPECIFICATIONS

#### Video

**DA:** 1 to 8 distribution amp; distributes QM video input signal to all of (8) QM outputs

**Gain:** 0dB

#### Audio

**DA:** 1 to 8 distribution amp; distributes QM audio input signal to all of (8) 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:** (8) 8-wire RJ45 female and (8) 4-pin 3.5mm detachable terminal blocks comprising (8) QuickMedia output ports with Cresnet; Connect to Cresnet and QM input ports of other QuickMedia devices via **CresCAT-QM** cable\*

**24/G:** (2) 2-pin 5mm detachable terminal blocks providing (1) power connector per every (4) output NET ports; Receive 24 Volts DC from external Cresnet power supplies; Maximum Load: 75 watts each

**NET:** (1) 4-pin 5mm detachable terminal block; Cresnet slave port; connects to Cresnet control network; Power input for QM-DA-8 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:** 16 Watts (0.66 Amps @ 24 Volts DC)

#### Environmental

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

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

**Heat Dissipation:** 54 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

2.88 lb (1.31 kg)

\* For QuickMedia wiring use **CresCAT-QM**, **CresCAT-IM**, or quality CAT5e/CAT6 cable with a delay skew of  $\leq 15$  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-8 [6501465]:** 1 to 8 QuickMedia Distribution Amplifier [Limited Supply]

# QM-DA-81 to 8 QuickMedia® Distribution Amplifier

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