

DM-DR

DigitalMedia™ Repeater

The DM CAT Repeater allows DM cable lengths to be extended in up to 200 feet increments. Up to 2 repeaters may be installed in a single DM cable run to enable cable lengths up to 450 feet.^[1]

The DM-DR does not simply boost the DM signal, but actually regenerates a fresh HDMI™ signal to ensure error-free delivery to the following device. Each DM Repeater mounts to a standard 2-gang, 4" square, or UK electrical box or plaster ring, and sticks out one inch from the wall surface when mounted.

Please refer to the DigitalMedia Design Guide, Doc. #4789 for additional information.

SPECIFICATIONS

Connectors

DISPLAY DM: (1) DM CAT output composed of (2) 8-pin RJ45 female, shielded; Connects to DM CAT input of a DM receiver/room controller, switcher, or other DM device via **DM-CBL** cable^[1]

DISPLAY 24 A B G: (1) 4-pin 3.5mm detachable terminal block, DMNet port; Connects to DMNet port of a DM receiver/room controller, switcher, or other DM device via DM-CBL cable^[1]

SOURCE DM: (1) DM CAT input composed of (2) 8-pin RJ45 female, shielded; Connects to DM CAT output of a DM switcher, transmitter, or other DM device via DM-CBL cable^[1]

SOURCE 24 A B G: (1) 4-pin 3.5mm detachable terminal block, DMNet port; Connects to DMNet port of a DM switcher, transmitter, or other DM device via DM-CBL cable^[1]

Controls & Indicators

PWR: (1) green LED, indicates operating power supplied via DMNet

DM LINK: (1) green LED, indicates connection to an upstream DM device

VIDEO: (1) red/green dual-color LED, indicates video signal presence and lock status

Power Requirements

DMNet Power Usage: 3 Watts (0.125 Amps @ 24 Volts DC)

Environmental

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

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

Heat Dissipation: 10 BTU/hr

Enclosure

Chassis: Metal with black finish

Mounting: 2-gang, 4" square, or 1-gang UK (BS 4662) electrical box mountable

Dimensions

Height: 4.92 in (125 mm)

Width: 5.25 in (134 mm)

Depth: 1.40 in (36 mm)

Weight

16.0 oz (454 g)



Available Models

DM-DR: DigitalMedia™ Repeater

Notes:

1. For DigitalMedia CAT wiring, use **DM-CBL** DigitalMedia Cable. Actual total and incremental cable lengths depend upon resolution requirements and capabilities of the connected DM CAT devices. Refer to the respective product spec sheets and the Crestron DigitalMedia Design Guide, Doc. #4789 for complete wiring guidelines.

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