

DigitalMedia™ Switcher Output Cards

The **DMCO series** is a family of output cards for **Crestron DM-MD8X8** and **DM-MD16X16** DigitalMedia™ Switchers. A complete selection of cards is offered to allow numerous combinations of DM Fiber, DM CAT, HDMI, and analog audio outputs on a single DM-MD switcher chassis. The DM-MD8X8 accepts up to two DMCO cards, with up to four outputs per card, for a total of 8 possible outputs. The DM-MD16X16 accepts up to two DMCO cards, with up to eight outputs per card, for a total of 16 possible outputs.

To configure a DM switcher complete with input and output cards, cables, and other peripherals, please use the **DigitalMedia™ Switcher Configuration Tool**.

DigitalMedia outputs are offered in both DM Fiber and DM CAT (twisted-pair) types. Each type is available in sets of two. The DM CAT outputs include an HDMI output configured in parallel with the first of every two DM CAT outputs. This HDMI output carries the same audio and video signals as its companion DM output, perfect for feeding a centralized audio processor via HDMI while simultaneously driving a remote display device via DM.

Dedicated HDMI outputs are also available, in sets of two, for applications that do not require a long-distance wiring solution. Each dedicated HDMI output is accompanied by a balanced analog stereo audio output, making any 2-channel audio signal available to feed an analog audio mixer, processor, or amplifier.

DMCO cards for the DM-MD8X8 are field-installable, allowing output configurations to be customized and changed at any time. DMCO cards for the DM-MD16X16 must be installed by a Crestron-authorized technician, and new DM-MD16X16 switchers are shipped with the desired DMCO output card(s) installed.

To configure a DM switcher complete with input and output cards, cables, and other peripherals, please use the **DigitalMedia™ Switcher Configuration Tool**.

SPECIFICATIONS

Connectors

DM Fiber: (0, 2, 4, 6, or 8) DM fiber outputs, each composed of (2) SC female optical fiber connectors; Connect to DM inputs of DM receivers or other DM devices via **CresFiber** fiber optic cable*

DM CAT: (0, 2, 4, 6, or 8) DM CAT outputs, each composed of (2) 8-pin RJ45 female, shielded; Connect to DM inputs of DM receivers or other DM devices via **DM-CBL** or **CresCAT-D** cable†

HDMI: (0, 1, 2, 3, 4, 6, or 8) 19-pin Type A HDMI female; HDMI digital video/audio outputs

Audio: (0, 2, 4, 6, or 8) 5-pin 3.5mm detachable terminal block; Balanced/unbalanced stereo line-level outputs, variable level; Output Impedance: 200 ohms balanced, 100 ohms unbalanced; Maximum Output Level: 4 Vrms balanced, 2 Vrms unbalanced

Construction

DMCO-xx: Plug-in card for **DM-MD8X8**, occupies (1) DM-MD8X8 output card slot, includes steel faceplate w/black matte powder coat finish

DMCO-xxxx: Factory-installed card for **DM-MD16X16**, occupies (1) DM-MD16X16 output card slot, includes steel faceplate w/black matte powder coat finish



* For DigitalMedia fiber wiring, use **CresFiber** or other quality duplex multimode fiber optic cable. Refer to the *Crestron DigitalMedia Design Guide, Doc. #4789* for complete wiring guidelines.

†For DigitalMedia CAT wiring, use **DM-CBL** DigitalMedia Cable, **CresCAT-D**, or quality CAT5e/CAT6 cable. Do NOT use low-skew cable. The maximum allowable cable length depends on multiple factors. One or more DM Repeaters (Model **DM-DR**) may be required. Refer to the *Crestron DigitalMedia Design Guide, Doc. #4789* for complete wiring guidelines.

‡DMCO-11 is identical to previous model **DMC-FO**. DMCO-22 is identical to previous model **DMC-CATO-HD**.

Available Models

- DMCO-10:** Output Card for DM-MD8X8, provides 2 DM Fiber Outputs
- DMCO-1000:** Output Card for DM-MD16X16, provides 2 DM Fiber Outputs
- DMCO-11:** Output Card for DM-MD8X8, provides 4 DM Fiber Outputs
- DMCO-1100:** Output Card for DM-MD16X16, provides 4 DM Fiber Outputs
- DMCO-1110:** Output Card for DM-MD16X16, provides 6 DM Fiber Outputs
- DMCO-1111:** Output Card for DM-MD16X16, provides 8 DM Fiber Outputs
- DMCO-1112:** Output Card for DM-MD16X16, provides 6 DM Fiber & 2 DM CAT w/1 HDMI Outputs
- DMCO-1113:** Output Card for DM-MD16X16, provides 6 DM Fiber & 2 HDMI w/2 Stereo Analog Audio Outputs [Just Released]
- DMCO-1120:** Output Card for DM-MD16X16, provides 4 DM Fiber & 2 DM CAT w/1 HDMI Outputs
- DMCO-1122:** Output Card for DM-MD16X16, provides 4 DM Fiber & 4 DM CAT w/2 HDMI Outputs
- DMCO-1130:** Output Card for DM-MD16X16, provides 4 DM Fiber & 2 HDMI w/2 Stereo Analog Audio Outputs [Just Released]
- DMCO-1133:** Output Card for DM-MD16X16, provides 4 DM Fiber & 4 HDMI w/4 Stereo Analog Audio Outputs [Just Released]
- DMCO-12:** Output Card for DM-MD8X8, provides 2 DM Fiber & 2 DM CAT w/1 HDMI Outputs

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DMCO-1220: Output Card for DM-MD16X16, provides 2 DM Fiber & 4 DM CAT w/2 HDMI Outputs

DMCO-13: Output Card for DM-MD8X8, provides 2 DM Fiber & 2 HDMI w/2 Stereo Analog Audio Outputs
[Just Released]

DMCO-1300: Output Card for DM-MD16X16, provides 2 DM Fiber & 2 HDMI w/2 Stereo Analog Audio Outputs
[Just Released]

DMCO-1330: Output Card for DM-MD16X16, provides 2 DM Fiber & 4 HDMI w/4 Stereo Analog Audio Outputs
[Just Released]

DMCO-1333: Output Card for DM-MD16X16, provides 2 DM Fiber & 6 HDMI w/6 Stereo Analog Audio Outputs
[Just Released]

DMCO-20: Output Card for DM-MD8X8, provides 2 DM CAT w/1 HDMI Outputs

DMCO-2000: Output Card for DM-MD16X16, provides 2 DM CAT w/1 HDMI Outputs

DMCO-2100: Output Card for DM-MD16X16, provides 2 DM Fiber & 2 DM CAT w/1 HDMI Outputs

DMCO-22: Output Card for DM-MD8X8, provides 4 DM CAT w/2 HDMI Outputs

DMCO-2200: Output Card for DM-MD16X16, provides 4 DM CAT w/2 HDMI Outputs

DMCO-2220: Output Card for DM-MD16X16, provides 6 DM CAT w/3 HDMI Outputs

DMCO-2221: Output Card for DM-MD16X16, provides 2 DM Fiber & 6 DM CAT w/3 HDMI Outputs

DMCO-2222: Output Card for DM-MD16X16, provides 8 DM CAT w/4 HDMI Outputs

DMCO-2223: Output Card for DM-MD16X16, provides 6 DM CAT w/3 HDMI & 2 HDMI w/2 Stereo Analog Audio Outputs

[Just Released]

DMCO-2230: Output Card for DM-MD16X16, provides 4 DM CAT w/2 HDMI & 2 HDMI w/2 Stereo Analog Audio Outputs

[Just Released]

DMCO-2233: Output Card for DM-MD16X16, provides 4 DM CAT w/2 HDMI & 4 HDMI w/4 Stereo Analog Audio Outputs

[Just Released]

DMCO-23: Output Card for DM-MD8X8, provides 2 DM CAT w/1 HDMI & 2 HDMI w/2 Stereo Analog Audio Outputs

[Just Released]

DMCO-2300: Output Card for DM-MD16X16, provides 2 DM CAT w/1 HDMI & 2 HDMI w/2 Stereo Analog Audio Outputs

[Just Released]

DMCO-2330: Output Card for DM-MD16X16, provides 2 DM CAT w/1 HDMI & 4 HDMI w/4 Stereo Analog Audio Outputs

[Just Released]

DMCO-2333: Output Card for DM-MD16X16, provides 2 DM CAT w/1 HDMI & 6 HDMI w/6 Stereo Analog Audio Outputs

[Just Released]

DMCO-30: Output Card for DM-MD8X8, provides 2 HDMI w/2 Stereo Analog Audio Outputs

[Just Released]

DMCO-3000: Output Card for DM-MD16X16, provides 2 HDMI w/2 Stereo Analog Audio Outputs

[Just Released]

DMCO-33: Output Card for DM-MD8X8, provides 4 HDMI w/4 Stereo Analog Audio Outputs

[Just Released]

DMCO-3300: Output Card for DM-MD16X16, provides 4 HDMI w/4 Stereo Analog Audio Outputs

[Just Released]

DMCO-3330: Output Card for DM-MD16X16, provides 6 HDMI w/6 Stereo Analog Audio Outputs

[Just Released]

DMCO-3333: Output Card for DM-MD16X16, provides 8 HDMI w/8 Stereo Analog Audio Outputs