DMC-CPU3
DigitalMedia™ CPU3 Card for DM® Switchers
Installation Guide

Description

The DMC-CPU3 card is available as an upgrade to the DMC-CPU card, which is included with the DM-MD8X8, DM-MD16X16, DM-MD32X32, and related redundant power supply models (DM-MD8X8-RPS, DM-MD16X16-RPS, and DM-MD32X32-RPS).

This guide provides information about the following:

- Replacing the DMC-CPU with a DMC-CPU3
- Making connections to the DMC-CPU3
- Upgrading the firmware
- Configuring the DigitalMedia™ switcher

Additional Resources

Visit the product page on the Crestron® website (www.crestron.com) for additional information.

Replacing the DMC-CPU with a DMC-CPU3

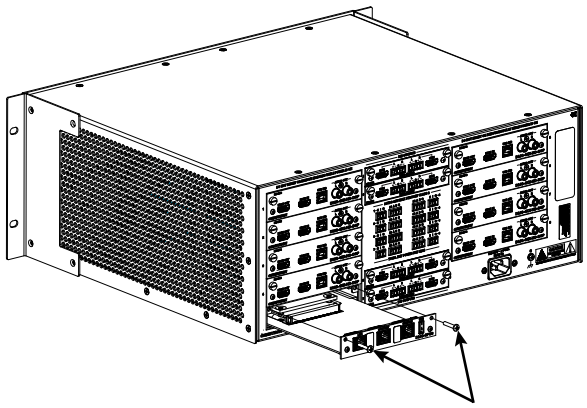
To replace the DMC-CPU with a DMC-CPU3, perform the following steps and refer to the illustration below.

CAUTION: The DMC-CPU3 is susceptible to damage from electrostatic discharge (ESD). Standard ESD precautions must be followed when handling the card. Always wear an ESD wrist strap that is connected to ground and place the card on grounded surfaces only.

NOTE: The DMC-CPU3 is not hot swappable. Always shut down the DigitalMedia switcher before installing the card.

1. Remove the DMC-CPU card:
   a. Disconnect the LAN cable from the card.
   b. Using a #2 Phillips screwdriver (not included), loosen the two 6-32 x 3/4-inch Phillips pan head screws that secure the card to the card assembly, and then slide the card out of the slot.
2. Install the DMC-CPU3 card:
   a. Carefully insert the card into the left and right guides of the CPU slot until the card is 1/4 inch from the fully seated position.
   b. Align the two included 6-32 x 3/4-inch Phillips pan head screws with the corresponding holes in the card assembly, and then push the card inward until it engages the chassis backplane.
   c. Tighten the two Phillips screws to secure the card—do not overtighten the screws.

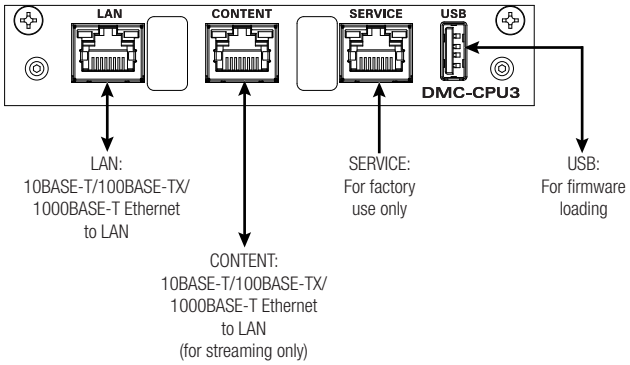
DMC-CPU3 Card Installation (DM-MD8X8 Shown)



Making Connections to the DMC-CPU3

Make connections to the DMC-CPU3 as required for the application.

DMC-CPU3 Connections



Upgrading the Firmware

Upgrade the firmware of all DMC cards in the switcher and the firmware of all DM® endpoints. The latest firmware file can be downloaded from the Crestron website.

Configuring the DigitalMedia Switcher

Configure the DigitalMedia™ switcher by using the web interface and DMTool.

To access the web interface, open a web browser and enter either of the following:

hostname/setup (*hostname* is the hostname of the switcher)

or

xxx.xxx.xxx.xxx/setup (*xxx.xxx.xxx.xxx* is the IP address of the switcher)

For more information, refer to OLH ID 1000200 in the Online Help section of the Crestron website (www.crestron.com/onlinehelp).

As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

This product is Listed to applicable UL® Standards and requirements tested by Underwriters Laboratories Inc.

Ce produit est homologué selon les normes et les exigences UL applicables par Underwriters Laboratories Inc.

Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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