

Crestron **DMC Series** DigitalMedia™ Cards

Installation Guide



Regulatory Compliance

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



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 DMC Fiber Series are Class 1 laser products. They comply with safety regulations of IEC 60825-1, FDA 21 CFR 1040.11 and FDA 21 CFR 1040.10.



WARNING: Visible and invisible laser radiation when open. Avoid direct exposure to beam.

NOTE: Plug the included dust cap into the optical transceiver when the fiber optic cable is unplugged.

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

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DigitalMedia Cards: DMC Series

Introduction

The DMC Series consists of input and output cards that occupy the DM-MD8X8, DM-MD8X8-RPS, DM-MD16X16, DM-MD16X16-RPS, DM-MD32X32, and DM-MD32X32-RPS DigitalMedia™ switchers. Each DMC card occupies a single slot in a DigitalMedia switcher. This document provides installation instructions for adding or replacing DMC cards.

NOTE: For instructions to replace one or more cards in a DMCO multicard output module with a DMC single-slot output card, refer to the DMCO Single-Slot Output Card Upgrade Package Installation Guide (Doc. 7698) provided with the upgrade package. (The manual is also available at www.crestron.com/manuals.) To obtain the upgrade package, contact Crestron's True Blue Support at 1-888-CRESTRON [1-888-273-7876].

Adding or Replacing a DMC Card

DMC input cards occupy the leftmost and rightmost slots on the rear of a DigitalMedia switcher. DMC output cards occupy the center slots located above and below the ABG/EIG ports on the rear of a DigitalMedia switcher.

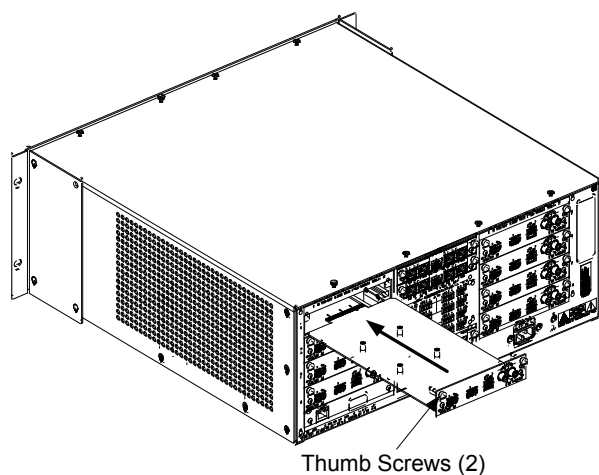
CAUTION: DMC cards are susceptible to damage from electrostatic discharge (ESD). Standard ESD precautions must be followed when handling the cards. Always wear an ESD wrist strap that is connected to ground, and place cards on grounded surfaces only.

NOTE: DMC cards are not hot swappable; therefore, always shut down the DigitalMedia switcher before adding or replacing cards.

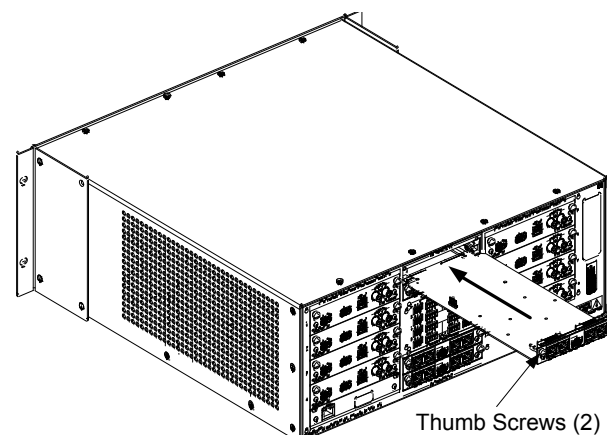
To add or replace a DMC card, perform the following steps (refer to the illustrations below):

1. Do either of the following:
 - If adding a DMC card, remove the cover of an unused slot by loosening the two Phillips head screws.
 - If replacing a DMC card, disconnect all cables from the card being replaced, loosen the two thumb screws that secure the card to the chassis, and then slide the card out of the slot.
2. Using caution to avoid damage to the pins on the bottom of the new card, insert the card into the guides of the selected slot until the card is 1/4 inch from the fully seated position.
3. Align the two thumb screws of the card with the corresponding holes in the chassis, and then push the card inward until it is fully seated and engages the chassis backplane.
4. Finger-tighten the two thumb screws to secure the card—do not overtighten the screws.
5. Connect the cables to the card.

Input Card Installation (DM-MD8X8 Shown)



Output Card Installation (DM-MD8X8 Shown)



Further Inquiries

To locate specific information or resolve questions after reviewing this guide, contact Crestron's True Blue Support at 1-888-CRESTRON [1-888-273-7876] or, for assistance within a particular geographic region, refer to the listing of Crestron® worldwide offices at www.crestron.com/offices.

To post a question about Crestron products, log onto Crestron's Online Help at www.crestron.com/onlinehelp. First-time users must establish a user account to fully benefit from all available features.

Return and Warranty Policies

Merchandise Returns / Repair Service

1. No merchandise may be returned for credit, exchange or service without prior authorization from Crestron. To obtain warranty service for Crestron products, contact an authorized Crestron dealer. Only authorized Crestron dealers may contact the factory and request an RMA (Return Merchandise Authorization) number. Enclose a note specifying the nature of the problem, name and phone number of contact person, RMA number and return address.
2. Products may be returned for credit, exchange or service with a Crestron Return Merchandise Authorization (RMA) number. Authorized returns must be shipped freight prepaid to Crestron, 6 Volvo Drive, Rockleigh, N.J. or its authorized subsidiaries, with RMA number clearly marked on the outside of all cartons. Shipments arriving freight collect or without an RMA number shall be subject to refusal. Crestron reserves the right in its sole and absolute discretion to charge a 15% restocking fee plus shipping costs on any products returned with an RMA.
3. Return freight charges following repair of items under warranty shall be paid by Crestron, shipping by standard ground carrier. In the event repairs are found to be non-warranty, return freight costs shall be paid by the purchaser.

Crestron Limited Warranty

Crestron Electronics, Inc. warrants its products to be free from manufacturing defects in materials and workmanship under normal use for a period of three (3) years from the date of purchase from Crestron, with the following exceptions: disk drives and any other moving or rotating mechanical parts, pan/tilt heads and power supplies are covered for a period of one (1) year; touch screen display and overlay components are covered for 90 days; batteries and incandescent lamps are not covered.

This warranty extends to products purchased directly from Crestron or an authorized Crestron dealer. Purchasers should inquire of the dealer regarding the nature and extent of the dealer's warranty, if any.

Crestron shall not be liable to honor the terms of this warranty if the product has been used in any application other than that for which it was intended or if it has been subjected to misuse, accidental damage, modification or improper installation procedures. Furthermore, this warranty does not cover any product that has had the serial number altered, defaced or removed.

This warranty shall be the sole and exclusive remedy to the original purchaser. In no event shall Crestron be liable for incidental or consequential damages of any kind (property or economic damages inclusive) arising from the sale or use of this equipment. Crestron is not liable for any claim made by a third party or made by the purchaser for a third party.

Crestron shall, at its option, repair or replace any product found defective, without charge for parts or labor. Repaired or replaced equipment and parts supplied under this warranty shall be covered only by the unexpired portion of the warranty.

Except as expressly set forth in this warranty, Crestron makes no other warranties, expressed or implied, nor authorizes any other party to offer any warranty, including any implied warranties of merchantability or fitness for a particular purpose. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.



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Specifications subject to
change without notice.