

DMC-VID-RCA-D

RCA Analog Video Input Card w/SPDIF Audio for DigitalMedia™ Switchers

The DMC-VID-RCA-D is an input card for a Crestron® DigitalMedia™ Switcher, providing one analog video input and one S/PDIF coaxial digital audio input. The DMC-VID-RCA-D accepts component HDTV signals up to 1080p60, as well as standard definition NTSC/PAL composite and S-Video. Its S/PDIF input supports 2-channel stereo and 5.1 surround-encoded digital audio sources up to 24-bit, 96 kHz.

A local HDMI™ output connection is also provided on the card, allowing the video and audio signals to be fed to a local display device, or to a second DM switcher for output expansion purposes.

The DMC-VID-RCA-D may also be used with the DMCI DigitalMedia Card Interface to provide a simple analog-to-HDMI video converter, or a S/PDIF-to-HDMI audio converter, with the ability to merge analog video and digital audio together into a single HDMI output. As part of a complete Crestron control system, it can be used to detect and report the input source format information.

SPECIFICATIONS

Video

Input Signal Types: Component (YPbPr), S-Video (Y/C), or composite video
Output Signal Types: HDMI™ or DVI^[1] to switcher backplane and HDMI OUT connector

Formats: HDTV up to 1080p60, NTSC or PAL

Input Resolutions, Component: 480i, 576i, 480p, 576p, 720p50, 720p60, 1080i25 (1125 lines), 1080i30, 1080p30, 1080p50 (1125 lines), 1080p60

Input Resolutions, Composite and S-Video: 480i, 576i

Output Resolutions: Matched to inputs

Analog-To-Digital Conversion: 10-bit 170 MHz

Audio

Input Signal Types: S/PDIF coaxial

Output Signal Types: HDMI to switcher backplane and HDMI OUT connector

Formats: Dolby Digital®, Dolby Digital EX, DTS®, DTS-ES, DTS 96/24, 2ch PCM

Connectors

HDMI OUT: (1) 19-pin Type A HDMI female;

HDMI digital video/audio output;

Also supports DVI^[1]

IN - Y, Pb/Y, Pr/C/COMP: (3) RCA female comprising (1) auto-sensing multi-format analog video input;

Signal Types: Component (YPbPr), S-Video (Y/C), or composite input;

Input Level: 1 Vp-p nominal;

Input Impedance: 75 Ohms nominal

IN - SPDIF: (1) RCA female;

S/PDIF coaxial digital audio input;

Input Impedance: 75 Ohms

Construction

Plug-in card, occupies (1) DM Switcher input card slot, includes metal faceplate w/black finish

Weight

7.0 oz (199 g)

Available Models

DMC-VID-RCA-D: RCA Analog Video Input Card w/SPDIF Audio for DM Switchers



Available Accessories

CBL-RCA3-1.5: Crestron® Certified RCA Component Video Interface Cable, 1.5 ft

CBL-RCA3-3: Crestron® Certified RCA Component Video Interface Cable, 3 ft

CBL-RCA3-6: Crestron® Certified RCA Component Video Interface Cable, 6 ft

CBL-RCA3-12: Crestron® Certified RCA Component Video Interface Cable, 12 ft

CBL-RCA-1.5: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 1.5 ft

CBL-RCA-3: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 3 ft

CBL-RCA-6: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 6 ft

CBL-RCA-12: Crestron® Certified RCA Composite Video and S/PDIF Audio Interface Cable, 12 ft

CBL-HD-1.5: Crestron® Certified HDMI® Interface Cable, 1.5 ft

CBL-HD-3: Crestron® Certified HDMI® Interface Cable, 3 ft

CBL-HD-6: Crestron® Certified HDMI® Interface Cable, 6 ft

CBL-HD-12: Crestron® Certified HDMI® Interface Cable, 12 ft

CBL-HD-20: Crestron® Certified HDMI® Interface Cable, 20 ft

CBL-HD-30: Crestron® Certified HDMI® Interface Cable, 30 ft

CBL-HD-DVI-1.5: Crestron® Certified HDMI® to DVI Interface Cable, 1.5 ft

CBL-HD-DVI-3: Crestron® Certified HDMI® to DVI Interface Cable, 3 ft

CBL-HD-DVI-6: Crestron® Certified HDMI® to DVI Interface Cable, 6 ft

CBL-HD-DVI-12: Crestron® Certified HDMI® to DVI Interface Cable, 12 ft

CBL-HD-DVI-20: Crestron® Certified HDMI® to DVI Interface Cable, 20 ft

CBL-HD-DVI-30: Crestron® Certified HDMI® to DVI Interface Cable, 30 ft

MP-WP100-B: Media Presentation Wall Plate - RCA Composite Video w/RCA Stereo Audio, Black

MP-WP100-W: Media Presentation Wall Plate - RCA Composite Video w/RCA Stereo Audio, White

MP-WP110-B: Media Presentation Wall Plate - Mini-DIN S-Video w/RCA Stereo Audio, Black

MP-WP110-W: Media Presentation Wall Plate - Mini-DIN S-Video w/RCA Stereo Audio, White

MP-WP120-B: Media Presentation Wall Plate - RCA Component Video w/RCA Stereo Audio, Black

MP-WP120-W: Media Presentation Wall Plate - RCA Component Video w/RCA Stereo Audio, White

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MP-WP125-W: Media Presentation Wall Plate - RCA Component & Composite Video w/2x RCA Stereo Audio, White

MP-WP152-B: Media Presentation Wall Plate - HDMI®, Black

MP-WP152-W: Media Presentation Wall Plate - HDMI®, White

MP-WP140-B: Media Presentation Wall Plate - DVI-I w/Mini-TRS Stereo Audio, Black

MP-WP140-W: Media Presentation Wall Plate - DVI-I w/Mini-TRS Stereo Audio, White

DMCI: DigitalMedia™ Card Interface

Notes:

1. HDMI connector requires an appropriate adapter or interface cable to accommodate a DVI device. CBL-HD-DVI interface cable available separately.

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