

## HDMI Input Card for DM Switchers



The DMC-HD is an input card for a Crestron DigitalMedia™ Switcher, providing one HDMI input. The DMC-HD supports HDMI 1.3 w/Deep Color and HDCP, handling 1080p/60 HDTV and WUXGA computer resolutions, and multi-channel HD lossless audio - all through a single HDMI cable.

Additional connections on the card include an HDMI pass-thru output, a stereo analog audio pass-thru output, and a USB HID port. The HDMI output simply passes the input signal through to feed a local device, or to feed a second DM switcher for output expansion purposes. The analog audio output breaks out the stereo audio signal from the HDMI input and passes it through to feed a CNX-PAD8A, AAE, or other multi-room audio distribution system.\*

The USB HID port allows a remote mouse/keyboard or game controller, connected at the display location, to control a centralized source device (i.e. computer, game console, media server, etc.) at the equipment rack.

For applications requiring simultaneous distribution of surround sound and 2-channel audio signals, use DMC-HD-DSP.

### SPECIFICATIONS

#### Video

**Signal Types:** HDMI 1.3 w/Deep Color w/HDCP 1.1 copy protection protocol

#### Audio

**Signal Types:** HDMI 1.3 supporting HD lossless multi-channel up to 7.1, analog converted stereo pass-thru

**Digital-To-Analog Conversion:** 24-bit 48 kHz

**Performance (analog):** Frequency Response: 20Hz to 20kHz  $\pm 0.5$ dB;

S/N Ratio:  $>95$ dB, 20Hz to 20kHz A-weighted;

THD+N:  $<0.005\%$  @ 1kHz;

Stereo Separation:  $>90$ dB

#### Connectors

**HDMI OUT:** (1) 19-pin Type A HDMI female;  
HDMI digital video/audio output;  
Provides pass-thru signal from HDMI IN for system expansion

**HDMI IN:** (1) 19-pin Type A HDMI female;  
HDMI digital video/audio input

**USB HID:** (1) USB Type B female;  
USB 1.1 port for connection to source device's mouse, keyboard, or game controller input

**AUDIO OUT L – R:** (2) RCA female;  
Unbalanced stereo line-level audio output;  
Provides analog audio pass-thru signal converted from HDMI INPUT to feed multi-room audio distribution system;  
Maximum Output Level:  $2 V_{RMS}$ ;  
Output Impedance: 100 ohms nominal

#### Construction

Plug-in card, occupies (1) DM Switcher input card slot, includes steel faceplate w/black matte powder coat finish

#### Weight

8.0 oz (227 g)

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