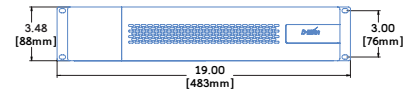
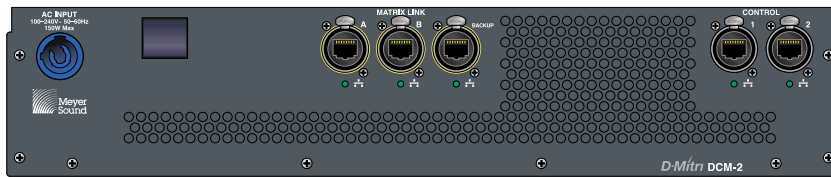
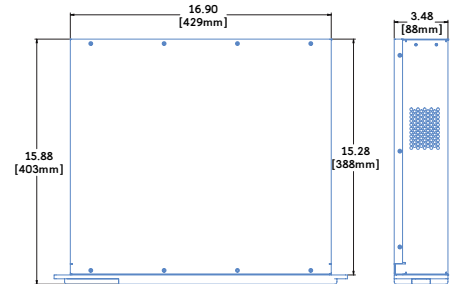


# DCM-2 : D-Mitri Core Matrix



The DCM-2 is a 2U rackmountable matrix mixing module for the D-Mitri digital audio platform which can combine up to 144 channels of audio input to 144 buses, mixed to 144 outputs. The DCM-2 receives all audio inputs from and sends all outputs to one or two DCP core processors via Matrix Link, a dedicated, ultra-low latency Ethernet connection that carries 96 kHz/32-bit audio between D-Mitri's processing and matrix modules. Mixing and routing are fully dynamic under the control of D-Mitri's CueStation software.

D-Mitri is a sophisticated digital audio platform which is the basis for a family of powerful modules aimed at providing comprehensive audio processing, matrix mixing and routing for a variety of professional audio applications, including theatrical and spectacle productions, theme parks, and active acoustics. D-Mitri systems feature an extremely flexible and highly programmable control scheme that can be

customized by the user via the Python scripting language and Open Sound Control real-time protocol (both open-source tools) to accomplish even the most complex tasks. D-Mitri modules communicate using the Ethernet/AVB standard, which provides guaranteed QoS (quality of service) and very low-latency.

Selections of D-Mitri modules can be assembled to provide nearly any configuration of digital or analog inputs and outputs and channels of processing. The DCM-2 facilitates dynamic mixing and routing for applications requiring large numbers of channels. The DCM-2 is unique: no other hardware matrix mixer of its size and quality exists.

The DCM-2 has two additional redundant Ethernet ports for connecting to a separate control network, to receive communication from CueStation software or an external hardware controller.

## FEATURES & BENEFITS

- Provides full dynamic matrix mixing of 144 inputs to 144 buses to 144 outputs
- Dynamic mixing and routing controlled by CueStation software
- Processes streams of up to 32 bits of resolution at 96 kHz sample rate
- Sends and receives audio to and from D-Mitri processing modules via Matrix Link
- Redundant control ports
- Additional redundant Matrix Link port

## PRELIMINARY SPECIFICATIONS

### DIGITAL AUDIO AND CONTROL

<b>Network</b>	Three Ethernet Matrix Link ports for connection to up to two D-Mitri DCP processors
<b>Software Control</b>	Full bidirectional communication with D-Mitri processors for control by CueStation software within a client-server architecture
<b>Control Connections</b>	Two Ethernet ports for control by D-Mitri DCP processors.

### AC POWER

<b>Connector</b>	PowerCon®
<b>Operating Voltage Range</b>	100-240 V AC, 50-60 Hz
<b>Power Consumption</b>	150 W maximum

### PHYSICAL

<b>Dimensions</b>	Two rack spaces 19" w x 3.5" h x 15.9" d (483 mm x 89 mm x 404 mm)
<b>Weight</b>	23 lbs

### NOTES

<b>System Requirements</b>	D-Mitri requires a Gigabit Ethernet infrastructure
<b>Cabling</b>	Cat-5e or Cat-6



(Pending)



(Pending)

D-Mitri DCM-2  
04.908.049.10 B

Copyright © 2010  
Meyer Sound Laboratories Inc.  
All rights reserved

MEYER SOUND LABORATORIES INC.  
2832 San Pablo Avenue  
Berkeley, CA 94702

T: +1 510 486.1166  
F: +1 510 486.8356

techsupport@meyersound.com  
www.meyersound.com