The DAI-24 is a 2U rackmountable input module for the D-Mitri® digital audio platform providing 24 channels of balanced mic-level or line-level analog input on XLR connectors. The DAI-24 includes a high-quality preamplifier and precision A/D conversion for each channel, as well as transport of converted channels over D-Mitri’s Ethernet audio network.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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 DAI-24 facilitates applications requiring large numbers of analog inputs.

The DAI-24’s analog input circuitry accepts a wide range of input signal levels, from –57 dBu to +26 dBu and exhibits 115 dB of dynamic range. Each input channel has gain, phantom power, and a –18 dB pad, all controllable from CueStation™ software.

### FEATURES & BENEFITS
- Provides 24 mic-level or line-level analog inputs
- High-resolution A/D conversion: up to 96 kHz sample rate at 24 bits
- Accepts very wide range of input signal levels
- Software-controlled gain and phantom power for each input
- Integrates converted audio into D-Mitri’s Ethernet audio network
- Additional redundant AVB-capable port

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Analog Audio</th>
<th>24 analog inputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Section</td>
<td>Gold-plated XLR 3-pin female</td>
</tr>
<tr>
<td>Connectors</td>
<td>+26 dBu (maximum range selected, 0 dB input gain)</td>
</tr>
<tr>
<td>Maximum Input Level</td>
<td></td>
</tr>
<tr>
<td>A/D Conversion</td>
<td>24-bit resolution, 96 kHz sampling rate</td>
</tr>
<tr>
<td>Digital Conversion</td>
<td></td>
</tr>
<tr>
<td>Network Software Control</td>
<td>Two AVB-capable Ethernet ports for connection to D-Mitri system Full bidirectional communication with D-Mitri processors for control by CueStation software within a client-server architecture, as well as external control via Open Sound Control protocol</td>
</tr>
<tr>
<td>AC Power</td>
<td>powerCON 20</td>
</tr>
<tr>
<td>Operating Voltage Range</td>
<td>100–240 V AC, 50–60 Hz</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>125 W maximum</td>
</tr>
<tr>
<td>Physical Dimensions</td>
<td>Two rack spaces</td>
</tr>
<tr>
<td></td>
<td>19&quot; w x 3.5&quot; h x 15.9” d</td>
</tr>
<tr>
<td></td>
<td>(483 mm x 89 mm x 404 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>20 lbs (9.1 kg)</td>
</tr>
<tr>
<td>Notes</td>
<td>D-Mitri requires a Gigabit Ethernet infrastructure Cat-5e or Cat-6</td>
</tr>
</tbody>
</table>

---

D-Mitri DAI-24
D 04.908.049.01 D
Copyright © 2014, 2015
Meyer Sound Laboratories Inc.
All rights reserved

MAYER SOUND LABORATORIES INC.
2832 San Pablo Avenue
Berkeley, CA 94702
T: +1 510 486 1166
F: +1 510 486 8356
ltechsupport@meyersound.com
www.meyersound.com
The DAIO-168 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing 16 channels of balanced mic-level or line-level analog input and eight channels of line-level analog output on XLR connectors. The DAIO-168 includes a high-quality preamplifier and precision A/D conversion for each input channel and a software-selectable maximum output level, as well as transport of input and output channels to and from D-Mitri’s Ethernet audio network.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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 DAIO-168 facilitates applications requiring analog input and output connections.

The DAIO-168’s analog input circuitry accepts a wide range of input signal levels, from –57 dBu to +26 dBu and exhibits 115 dB of dynamic range. Each input channel is equipped with gain and phantom-power controllable from D-Mitri’s CueStation™ software, plus an 18 dB pad. Full-scale analog output conversion levels can be selected in software to be +16 dBu or +26 dBu.

### FEATURES & BENEFITS

- Provides 16 mic-level or line-level analog inputs and eight line-level analog outputs
- High-resolution A/D/A conversion: up to 96 kHz sample rate at 24 bits
- Accepts very wide range of input signal levels
- Software-controlled gain and phantom power for each input
- Software-selectable maximum output levels
- Integrates analog audio inputs and outputs into D-Mitri’s Ethernet audio network
- Additional redundant AVB-capable port

### SPECIFICATIONS

**ANALOG AUDIO**

- **Input Section**
  - Connectors: Gold-plated XLR 3-pin female
  - Maximum Input Level: +26 dBu (maximum range selected, 0 dB input gain)

- **Output Section**
  - Connectors: Gold-plated XLR 3-pin male
  - Maximum Output Level: +26 dBu into 600 ohms or greater (maximum range selected)

**A/D/A CONVERSION**

- **Digital Conversion**
  - Resolution: 24-bit
  - Sampling Rate: 96 kHz

- **Analog Conversion**
  - Resolution: 24-bit
  - Sampling Rate: 96 kHz

**DIGITAL AUDIO AND CONTROL**

- **Network**
  - Two AVB-capable Ethernet ports for connection to D-Mitri system
  - Full bidirectional communication with D-Mitri processors for control by CueStation software within a client-server architecture, as well as external control via Open Sound Control protocol

**AC POWER**

- **Connector**: powerCON 20
- **Operating Voltage Range**: 100–240 V AC, 50–60 Hz
- **Power Consumption**: 125 W maximum

**PHYSICAL**

- **Dimensions**: 19” w x 3.5” h x 15.9” d
  
  (483 mm x 89 mm x 404 mm)

- **Weight**: 20 lbs (9.1 kg)

**NOTES**

- System Requirements: D-Mitri requires a Gigabit Ethernet infrastructure
- Cabling: Cat-5e or Cat-6

---

D-Mitri DAIO-168
04.908.049.02 D
Copyright © 2014, 2015
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
lechsupport@meyersound.com
www.meyersound.com
The DAIO-816 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing eight channels of balanced mic-level or line-level analog input and 16 channels of line-level analog output on XLR connectors. The DAIO-816 includes a high-quality preamplifier and precision A/D conversion for each input channel and a software-selectable maximum output level, as well as transport of input and output channels to and from D-Mitri’s Ethernet audio network.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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 DAIO-816 facilitates applications requiring analog input and output connections.

The DAIO-816’s analog input circuitry accepts a wide range of input signal levels, from –57 dBu to +26 dBu and exhibits 115 dB of dynamic range. Each input channel is equipped with gain and phantom-power controllable from D-Mitri’s CueStation™ software, plus an 18 dB pad. Full-scale analog output conversion levels can be selected in software to be +16 dBu or +26 dBu.

### FEATURES & BENEFITS
- Provides eight mic-level or line-level analog inputs and 16 line-level analog outputs
- High-resolution A/D/A conversion: up to 96 kHz sample rate at 24 bits
- Accepts very wide range of input signal levels
- Software-controlled gain and phantom power for each input
- Software-selectable maximum output levels
- Integrates analog audio inputs and outputs into D-Mitri’s Ethernet audio network
- Additional redundant AVB-capable port

### SPECIFICATIONS

#### ANALOG AUDIO
- **Input Section**
  - Connectors: Gold-plated XLR 3-pin female
  - Maximum Input Level: +26 dBu (maximum range selected, 0 dB input gain)
- **Output Section**
  - Connectors: Gold-plated XLR 3-pin male
  - Maximum Output Level: +26 dBu into 600 ohms or greater (maximum range selected)

#### A/D/A CONVERSION
- **Digital Conversion**
  - 24-bit resolution, 96 kHz sampling rate
- **Analog Conversion**
  - 24-bit resolution, 96 kHz sampling rate

#### DIGITAL AUDIO AND CONTROL
- Network: Two AVB-capable Ethernet ports for connection to D-Mitri system
- Software Control: Full bidirectional communication with D-Mitri processors for control by CueStation software within a client–server architecture, as well as external control via Open Sound Control protocol

#### AC POWER
- **Connector**: powerCON 20
- **Operating Voltage Range**: 100–240 V AC, 50–60 Hz
- **Power Consumption**: 125 W maximum

#### PHYSICAL
- **Dimensions**: 19” w x 3.5” h x 15.9” d (483 mm x 89 mm x 404 mm)
- **Weight**: 20 lbs (9.1 kg)

#### NOTES
- **System Requirements**: D-Mitri requires a Gigabit Ethernet infrastructure
- **Cabling**: Cat-5e or Cat-6
The DAO-24 is a 2U rackmountable output module for the D-Mitri® digital audio platform providing 24 channels of balanced line-level analog output on XLR connectors. The DAO-24 provides two software-selectable maximum output levels, as well as transport and conversion of channels from D-Mitri’s Ethernet audio network.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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 DAO-24 facilitates applications requiring large numbers of analog outputs. Full-scale analog output conversion levels can be selected in software to be +16 dBu or +26 dBu.

**FEATURES & BENEFITS**

- Provides 24 analog outputs
- High-resolution D/A conversion of signals of up to 96 kHz sample rate at 24 bits
- Software-selectable maximum output levels
- Receives audio from D-Mitri’s Ethernet audio network
- Additional redundant AVB-capable port

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>ANALOG AUDIO</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output Section</strong></td>
<td>24 analog outputs</td>
</tr>
<tr>
<td><strong>Connectors</strong></td>
<td>Gold-plated XLR 3-pin male</td>
</tr>
<tr>
<td><strong>Maximum Output Level</strong></td>
<td>+26 dBu into 600 ohms or greater (maximum range selected)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D/A CONVERSION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Analog Conversion</strong></td>
<td>24-bit resolution, 96 kHz sampling rate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIGITAL AUDIO AND CONTROL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network Software Control</strong></td>
<td>Two AVB-capable Ethernet ports for connection to D-Mitri system Full bidirectional communication with D-Mitri processors for control by CueStation™ software within a client-server architecture, as well as external control via Open Sound Control protocol</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AC POWER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Connector</strong></td>
<td>powerCON 20</td>
</tr>
<tr>
<td><strong>Operating Voltage Range</strong></td>
<td>100–240 V AC, 50–60 Hz</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>125 W maximum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICAL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td>Two rack spaces</td>
</tr>
<tr>
<td><strong>(h x w x d)</strong></td>
<td>19&quot; w x 3.5&quot; h x 15.9&quot; d</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>(483 mm x 89 mm x 404 mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>20 lbs (9.1 kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System Requirements</strong></td>
<td>D-Mitri requires a Gigabit Ethernet infrastructure</td>
</tr>
<tr>
<td><strong>Cabling</strong></td>
<td>Cat-5e or Cat-6</td>
</tr>
</tbody>
</table>

---

D-Mitri DAO-24
D 04.908.049.04 D
Copyright © 2014, 2015
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
technicalsupport@meyersound.com
www.meyersound.com
The DDIO-24 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing 24 channels each of input and output conversions between D-Mitri’s Ethernet audio network and devices that have AES/EBU digital audio connections. The DDIO-24 includes sample rate conversion on both inputs and outputs, allowing complete independence from AES/EBU stream clocking.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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 DDIO-24 facilitates applications requiring connections to AES/EBU devices.

The DDIO-24 presents the 24 channels of input and 24 channels of output as 12 input and 12 output AES/EBU interfaces on XLR connectors.

**Specifications**

<table>
<thead>
<tr>
<th>CONVERSION</th>
<th>24-bit resolution, 96 kHz sampling rate, sample rate conversion available</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIGITAL AUDIO AND CONTROL</td>
<td></td>
</tr>
<tr>
<td>Input Section</td>
<td>12 AES/EBU inputs</td>
</tr>
<tr>
<td>Connector</td>
<td>Gold-plated XLR 3-pin female</td>
</tr>
<tr>
<td>Output Section</td>
<td>12 AES/EBU outputs</td>
</tr>
<tr>
<td>Connector</td>
<td>Gold-plated XLR 3-pin male</td>
</tr>
<tr>
<td>Word Clock Input</td>
<td>One word clock input on BNC connector</td>
</tr>
<tr>
<td>Network Software Control</td>
<td>Two AVB-capable Ethernet ports for connection to D-Mitri system</td>
</tr>
<tr>
<td>Full bidirectional communication with D-Mitri processors for control by CueStation™ software within a client–server architecture, as well as external control via Open Sound Control protocol</td>
<td></td>
</tr>
<tr>
<td>AC POWER</td>
<td>powerCON 20</td>
</tr>
<tr>
<td>Operating Voltage Range</td>
<td>100–240 V AC, 50–60 Hz</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>125 W maximum</td>
</tr>
</tbody>
</table>

**Physical**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Two rack spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>19” w x 3.5” h x 15.9” d</td>
</tr>
<tr>
<td></td>
<td>(483 mm x 89 mm x 404 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>20 lbs (9.1 kg)</td>
</tr>
</tbody>
</table>

**Notes**

D-Mitri requires a Gigabit Ethernet infrastructure

**Cabling**

- Cat-5e or Cat-6

---

Enables integration with devices having AES/EBU interfaces

Provides 24 channels of input and 24 channels of output conversion between AES/EBU devices and D-Mitri’s Ethernet audio network

Sample rate conversion on input and output allows independence from AES/EBU stream clocking

External Word Clock Input to allow the AES Outputs clock to be locked to an external device

Additional redundant AVB-capable port
DGPIO : D-Mitri General Purpose I/O

The DGPIO is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing control input and output connections between D-Mitri’s Ethernet audio network and external devices that have a variety of industry standard interface types.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks.

D-Mitri modules communicate using an Ethernet audio network, 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 DGPIO facilitates applications requiring connections to external devices featuring common control interfaces.

The DGPIO offers MIDI input and output connectors capable of carrying both standard MIDI and MIDI Show Control messages, serial interfaces that send and receive RS232 or RS422 serial data, an input and an output for SMPTE time code (LTC), word clock input and output connections, and a terminal strip for wiring relays and switch closures.

**Features & Benefits**

- General Purpose I/O with contact closure inputs and relays
- Serial Computer Interfaces for both RS–232 and RS–422
- MIDI in and out
- SMPTE Linear Time Code In and Out
- System Word Clock In and Out
- Provides conversion between these interfaces and D-Mitri’s Ethernet audio network
- Enables extensive control of external devices by CueStation™ software
- ADC inputs
- Additional redundant AVB-capable port

**Specifications**

**Connections**

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIDI</td>
<td>One MIDI input on 5-pin DIN connector</td>
</tr>
<tr>
<td>SMPT (LTC)</td>
<td>One SMPTE input on gold-plated XLR 3-pin female connector</td>
</tr>
<tr>
<td>Serial</td>
<td>One RS–232 on male DB–9 connector</td>
</tr>
<tr>
<td>Word Clock</td>
<td>One word clock input on BNC connector</td>
</tr>
<tr>
<td>Terminal Strip</td>
<td>Six relay connections</td>
</tr>
<tr>
<td></td>
<td>Six Digital Logic Inputs with switch contact closure (including ground and +5v) Four ADC inputs</td>
</tr>
</tbody>
</table>

**Digital Audio and Control**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network Software Control</td>
<td>Two AVB-capable Ethernet ports for connection to D-Mitri system</td>
</tr>
<tr>
<td></td>
<td>Full bidirectional communication with D-Mitri processors for control by CueStation software within a client–server architecture, as well as external control via Open Sound Control protocol</td>
</tr>
</tbody>
</table>

**AC Power**

<table>
<thead>
<tr>
<th>Connector</th>
<th>powerCON 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage Range</td>
<td>100–240 V AC, 50–60 Hz</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>125 W maximum</td>
</tr>
</tbody>
</table>

**Physical**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Two rack spaces&lt;br&gt;19” w x 3.5” h x 15.9” d&lt;br&gt;(483 mm x 89 mm x 404 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>20 lbs (9.1 kg)</td>
</tr>
</tbody>
</table>

**Notes**

- D-Mitri requires a Gigabit Ethernet infrastructure
- Cat-5e or Cat-6
The DCIO-24 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing 24 channels each of input and output conversion between a CobraNet® digital audio network and D-Mitri’s Ethernet audio network. The DCIO-24 includes sample rate conversion on both inputs and outputs, allowing complete independence from CobraNet’s clocking architecture.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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 DCIO-24 facilitates applications requiring connections to CobraNet networks.

The DCIO-24 presents the 24 channels of input and 24 channels of output as three separate eight-channel CobraNet interfaces, each appearing on its own connector. A redundant connector is provided for each of the three interfaces.

### FEATURES & BENEFITS

- Enables integration with CobraNet networks
- Provides 24 channels of input and 24 channels of output conversion between CobraNet and D-Mitri’s Ethernet audio network
- Sample rate conversion on input and output allows independence from CobraNet clocking
- Built in support for CobraNet “Dual Link”
- All CobraNet Low Latency modes are supported
- Additional redundant AVB-capable port

### SPECIFICATIONS

**Digital Conversion**

- 24-bit resolution, 96 kHz sampling rate, sample rate conversion available

**Digital Audio and Control**

- **Channels**: 24 input, 24 output
- **Connectors**: Three Neutrik EtherCon primary CobraNet interfaces, three secondary CobraNet interfaces
- **Network**: Two AVB-capable Ethernet ports for connection to D-Mitri system
- **Software Control**: Full bidirectional communication with D-Mitri processors for control by CueStation™ software within a client–server architecture, as well as external control via the Open Sound Control protocol

**AC Power**

- **Connector**: powerCON 20
- **Operating Voltage Range**: 100–240 V AC, 50–60 Hz
- **Power Consumption**: 125 W maximum

**Physical**

- **Dimensions**: Two rack spaces 19” w x 3.5” h x 15.9” d (483 mm x 89 mm x 404 mm)
- **Weight**: 20 lbs (9.1 kg)

**Notes**

- **System requirements**: D-Mitri requires a Gigabit Ethernet infrastructure
- **Cabling**: Cat-5e or Cat-6
The DCP is a 2U rackmountable processing module for the D-Mitri® digital audio platform which provides complete audio processing for up to 72 inputs, outputs, and internal buses. The DCP receives audio inputs from and sends outputs to D-Mitri audio interfaces via the system’s Ethernet audio network. Audio travels between the DCP and DCM-2 or DCM-4 matrix mixing modules over Matrix Link™, a dedicated, ultra-low latency Ethernet connection carrying audio streams at a 96 kHz sample rate and 32-bit resolution. All processing is fully dynamic under the control of D-Mitri’s CueStation™ software.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, which provides guaranteed QoS (quality of service) and very low latency.

A combination of D-Mitri modules can be assembled to provide nearly any configuration of digital or analog inputs and outputs and channels of processing. The DCP provides all audio processing, including dynamics and equalization, for up to 72 channels of audio. Larger systems use multiple DCP modules.

The DCP 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 complete audio processing for up to 72 inputs, outputs and internal buses
- Processing dynamically 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’s matrix mixing modules (DCM) over Matrix Link
- Sends and receives audio to and from D-Mitri’s I/O modules over a dedicated Ethernet audio network
- Redundant control port
- Additional redundant AVB-capable port
- Additional redundant Matrix Link port

**Specifications**

<table>
<thead>
<tr>
<th>Digital Audio and Control</th>
</tr>
</thead>
</table>
| **Network** | Two AVB-capable Ethernet ports for connection to D-Mitri interfaces  
| **Software Control** | Two Matrix Link ports for connection to D-Mitri DCM-2 and DCM-4 matrix mixing/routing modules  
| **Control Connections** | Full bidirectional communication with D-Mitri processors for control by CueStation software within a client–server architecture, as well as external control via Open Sound Control protocol  
| **AC Power** | The DCM-2 has two control ports for redundant control from a backup network or controller.  
| **Connector** |  
| **Operating Voltage Range** | powerCON 20  
| **Power Consumption** | 100–240 V AC, 50–60 Hz  
| **150 W maximum** |  
| **Physical** |  
| **Dimensions** | Two rack spaces  
| 19” w x 3.5” h x 15.9” d |  
| **Weight** | 23 lbs (10.4 kg)  
| **System Requirements** | D-Mitri requires a Gigabit Ethernet infrastructure  
| **Cabling** | Cat-5e or Cat-6  

D-Mitri DCP  
04.908.049.08 D  
Copyright © 2014, 2015 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  
lchnsupport@meyersound.com  
www.meyersound.com
The DVRAS is a 2U rackmountable processing module for use in Constellation® acoustic systems built on the D-Mitri® digital audio platform. The DVRAS module provides input channel and VRAS™ variable room acoustic system processing for up to 16 microphones and 16 return channels in one zone of a Constellation system. The module also contains SSD storage for measurement data and audio files used in system verification.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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.

Constellation electroacoustic architecture is a highly integrated hardware/software system built on D-Mitri that combines the natural acoustics of a space with powerful technology to create acoustics with natural characteristics, the aural qualities of the world’s best rooms, and broad flexibility. The DVRAS module is intended exclusively for use in D-Mitri Constellation systems and executes the high-quality processing algorithms used in electroacoustic architecture. It additionally supplies equalization, dynamics processing, and delay for each input channel.

The DVRAS module sends and receives all audio over D-Mitri’s Ethernet audio network. The DVRAS 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 high-quality VRAS processing for up to 16 input and 16 output channels in a D-Mitri Constellation system
- Supplies channel processing for each input
- VRAS processing controlled by CueStation software
- Processes streams of up to 32 bits of resolution at a 96 kHz sample rate
- Sends and receives audio and from D-Mitri’s Ethernet audio network
- Redundant control ports
- Additional redundant AVB-capable port

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>DIGITAL AUDIO AND CONTROL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network</strong></td>
<td>Two AVB-capable Ethernet ports for connection to D-Mitri system</td>
</tr>
<tr>
<td><strong>Software Control</strong></td>
<td>Full bidirectional communication with D-Mitri processors for control by CueStation software within a client–server architecture</td>
</tr>
<tr>
<td><strong>Control Connections</strong></td>
<td>Two Ethernet control ports for control by CueStation software and/or hardware controllers.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AC POWER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Connector</strong></td>
<td>powerCON 20</td>
</tr>
<tr>
<td><strong>Operating Voltage Range</strong></td>
<td>100–240 V AC, 50–60 Hz</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>150 W maximum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICAL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td>Two rack spaces</td>
</tr>
<tr>
<td></td>
<td>19” w x 3.5” h x 15.9” d (483 mm x 89 mm x 404 mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>20 lbs (9.1 kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System requirements</strong></td>
<td>D-Mitri requires a Gigabit Ethernet infrastructure</td>
</tr>
<tr>
<td><strong>Cabling</strong></td>
<td>Cat-5e or Cat-6</td>
</tr>
</tbody>
</table>
DATASHEET

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 an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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 an additional redundant Ethernet port for connecting to a separate control network, to receive communication from CueStation software or an external hardware controller. An additional Matrix Link connection serves as a backup, ensuring continued seamless operation in the event that a connected module goes offline.

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 backup Matrix Link port

SPECIFICATIONS

| DIGITAL AUDIO AND CONTROL |  |
|---------------------------|  |
| Network                   | Three Ethernet Matrix Link ports for connection to up to two D-Mitri DCP processors |
| Software Control          | Full bidirectional communication with D-Mitri processors for control by CueStation software within a client–server architecture |
| Control Connections       | Two Ethernet ports for control of D-Mitri DCP processors |

<table>
<thead>
<tr>
<th>AC POWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector</td>
</tr>
<tr>
<td>Operating Voltage Range</td>
</tr>
<tr>
<td>Power Consumption</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PHYSICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
</tr>
<tr>
<td>Weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Requirements</td>
</tr>
<tr>
<td>Cabling</td>
</tr>
</tbody>
</table>

Meyer Sound Laboratories Inc.  
Copyright © 2014, 2015  
All rights reserved

Meyer Sound Laboratories Inc.  
2832 San Pablo Avenue  
Berkeley, CA 94702  
T: +1 510 486.1166  
F: +1 510 486.8356  
technicalsupport@meyersound.com  
www.meyersound.com
The DWTRX is a 3U rackmountable module for the D-Mitri® digital audio platform providing simultaneous recording and playback of up to 72 tracks of audio. The DWTRX module has two 160GB removable solid-state drives. Each SSD can hold over 120 Track Hours of audio. Drives may be removed and exchanged while the system is in operation. The module is capable of acquiring and reproducing high-resolution audio at a 96 kHz sample rate and 32-bit word length.

D-Mitri is an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks.

D-Mitri modules communicate using an Ethernet audio network, 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 DWTRX is used to playback and record high fidelity audio. This can be music, sound effects, or dialog and announcements. 72 tracks can be played on cue as one unit or split up into multiple units to allow cueable triggering of multi track music, complex sound effects, and vocals. Wild Tracks™ includes built in automatic “Safety Net™” which will automatically switch to the second drive if the first one is removed or has a problem. The DWTRX sends and receives all audio over D-Mitri’s Ethernet audio network. The DWTRX has two additional redundant Ethernet ports for connecting to a separate control network, to transfer files and receive communication from CueStation™ software or an external hardware controller.

**Features & Benefits**

- Capable of high-quality simultaneous recording and playback of up to 72 channels of audio
- Provides Wild Tracks asynchronous, cueable playback under the control of CueStation software or attached hardware controllers.
- Records and plays 32 bit floating point / 96 kHz audio files
- Sends and receives audio to and from D-Mitri’s Ethernet audio network
- Redundant control ports
- Additional redundant AVB-capable port
- Safety Net™

**Specifications**

**Digital Audio and Control**

- Two AVB-capable Ethernet ports for connection to D-Mitri system
- Full bidirectional communication with D-Mitri processors for control by CueStation software within a client–server architecture
- Two Ethernet control ports for control by CueStation software and/or external hardware controllers.

**Storage Media for Sound Files**

- 160 GB Solid State Drives
- 32 bit floating point/96kHz aif and wav
- Two removable 160 GB Solid State Drives
- Two Ethernet control ports for control by CueStation software and/or external hardware controllers.

**AC Power**

- Connector: powerCON 20
- Operating Voltage Range: 100–240 V AC, 50–60 Hz
- Power Consumption: 150 W maximum

**Physical**

- Dimensions: Three rack spaces (19” w x 5.2” h x 15.9” d)
- Weight: 30 lbs (13.6 kg)

**Notes**

- System requirements:
- D-Mitri requires a Gigabit Ethernet infrastructure
- Cabling:
  - Cat-5e or Cat-6

---

D-Mitri DWTRX

Copyright © 2014, 2015
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
technicalsupport@meyersound.com
www.meyersound.com
The DCM-4 is a 2U rack mountable matrix mixing module for the D-Mitri® digital audio platform which can combine up to 288 channels of audio input to 288 buses, mixed to 288 outputs. The DCM-4 receives all audio inputs from and sends all outputs to up to four 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 an integrated digital audio platform that provides sophisticated mixing, playback, effects processing, multichannel distribution, live event control, and active acoustics control for a wide range of professional audio applications, including theatres, houses of worship, theme parks, and sports arenas.

D-Mitri systems feature an extremely flexible and highly-programmable control scheme that can be customized with the Python® scripting language and the Open Sound Control protocol to accomplish even the most complex tasks. D-Mitri modules communicate using an Ethernet audio network, 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-4 facilitates dynamic mixing and routing for applications requiring large numbers of channels. The DCM-4 is unique: no other hardware matrix mixer of its size and quality exists.

The DCM-4 has an additional redundant Ethernet port for connecting to a separate control network, to receive communication from CueStation software or an external hardware controller. An additional Matrix Link connection serves as a backup, ensuring continued seamless operation in the event that a connected module goes offline.

### Specifications

#### Digital Audio and Control

- **Network**: Five Ethernet Matrix Link ports for connection to up to four D-Mitri DCP processors
- **Software Control**: Full bidirectional communication with D-Mitri processors for control by CueStation software within a client–server architecture
- **Control Connections**: Two Ethernet ports for control of D-Mitri DCP processors.

#### AC Power

- **Connector**: powerCON 20
- **Operating Voltage Range**: 100–240 V AC, 50–60 Hz
- **Power Consumption**: 150 W maximum

#### Physical

- **Dimensions**: Two rack spaces 19" w x 3.5" h x 15.9" d (483 mm x 89 mm x 404 mm)
- **Weight**: 23 lbs (10.4 kg)

#### Notes

- **System Requirements**: D-Mitri requires a Gigabit Ethernet infrastructure
- **Cabling**: Cat-5e or Cat-6