DAI-24 : D-Mitri Analog In

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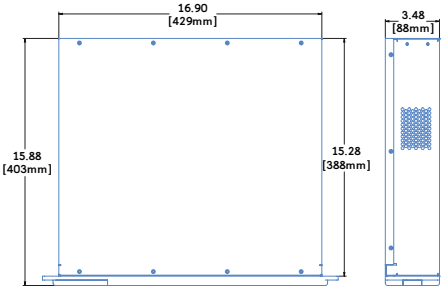

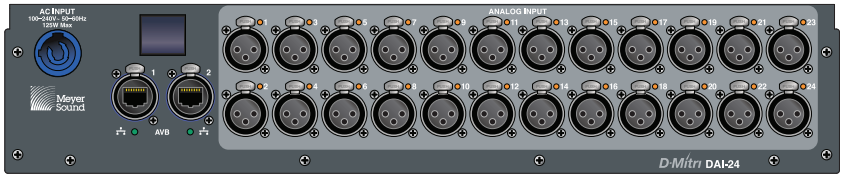

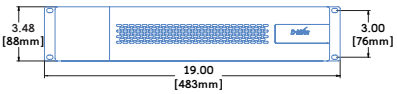

The DAI-24 is a 2U rackmountable input module for the D-Mitri® digital audio platform providing 24 channels of balanced mic-level or line-level analog input on XLR connectors. The DAI-24 includes a high-quality preamplifier and precision A/D conversion for each channel, as well as transport of converted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

ANALOG AUDIO	
Input Section	24 analog inputs
Connectors	Gold-plated XLR 3-pin female
Maximum Input Level	+26 dBu (maximum range selected, 0 dB input gain)
A/D CONVERSION	
Digital 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	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

D-Mitri DAI-24
04.908.049.01 D

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DAIO-168 : D-Mitri Analog I/O

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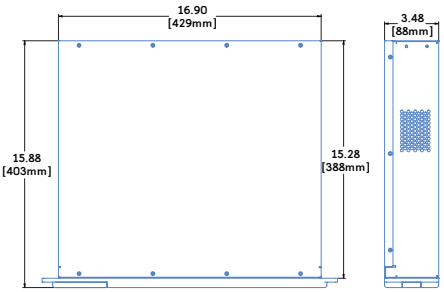

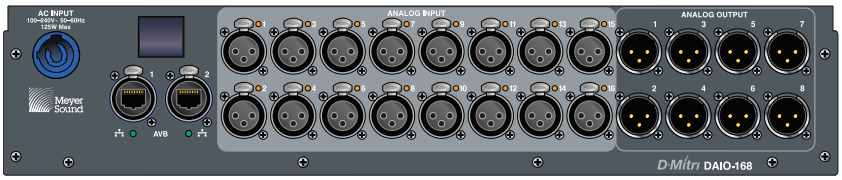

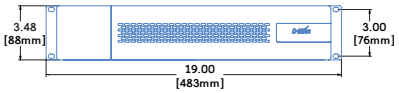

The DAIO-168 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing 16 channels of balanced mic-level or line-level analog input and eight channels of line-level analog output on XLR connectors. The DAIO-168 includes a high-quality preamplifier and precision A/D conversion 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	16 analog inputs
Connectors	Gold-plated XLR 3-pin female
Maximum Input Level	+26 dBu (maximum range selected, 0 dB input gain)
Output Section	Eight analog outputs
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	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

D-Mitri DAIO-168
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DAIO-816 : D-Mitri Analog I/O

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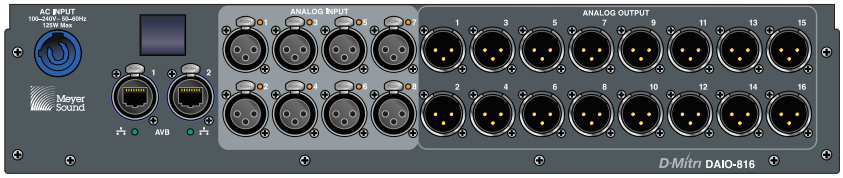

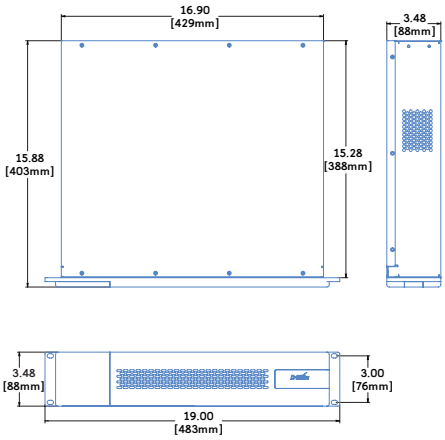

The DAIO-816 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing eight channels of balanced mic-level or line-level analog input and 16 channels of line-level analog output on XLR connectors. The DAIO-816 includes a high-quality preamplifier and precision A/D conversion 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	Eight analog inputs
Connectors	Gold-plated XLR 3-pin female
Maximum Input Level	+26 dBu (maximum range selected, 0 dB input gain)
Output Section	16 analog outputs
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	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

D-Mitri DAIO-816
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DAO–24 : D–Mitri Analog Out

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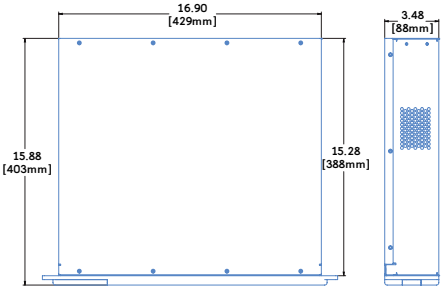

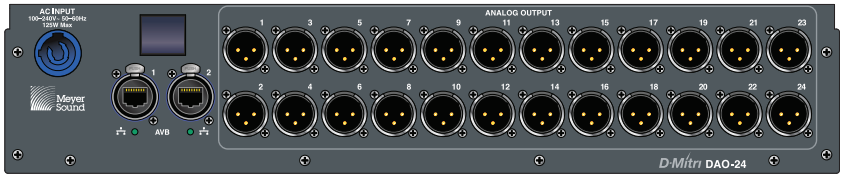

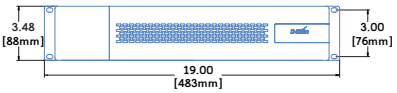

The DAO–24 is a 2U rackmountable output module for the D–Mitri® digital audio platform providing 24 channels of balanced line–level analog output on XLR connectors. The DAO–24 provides two software–selectable maximum output levels, as well as transport and conversion of channels from D–Mitri's Ethernet 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

ANALOG AUDIO	
Output Section	24 analog outputs
Connectors	Gold–plated XLR 3–pin male
Maximum Output Level	+26 dBu into 600 ohms or greater (maximum range selected)
D/A CONVERSION	
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	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

D–Mitri DAO–24
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DDIO-24 : D-Mitri Digital I/O

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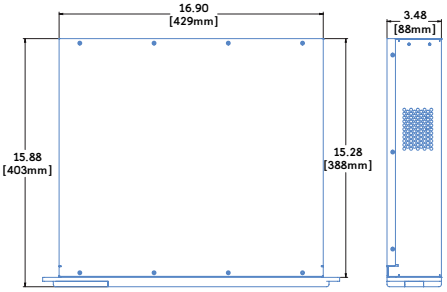

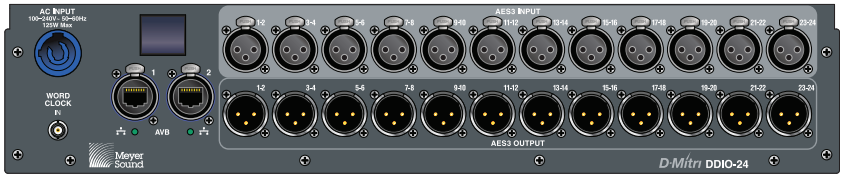

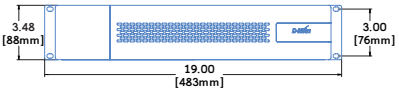

The DDIO-24 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing 24 channels each of input and output conversions between D-Mitri's Ethernet audio network and devices that have AES/EBU digital audio connections. The DDIO-24 includes sample rate conversion on both 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.

Features & Benefits

- 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

Specifications

CONVERSION	
Digital Conversion	24-bit resolution, 96 kHz sampling rate, sample rate conversion available
DIGITAL AUDIO AND CONTROL	
Input Section	12 AES/EBU inputs
Connectors	Gold-plated XLR 3-pin female
Output Section	12 AES/EBU outputs
Connectors	Gold-plated XLR 3-pin male
Word Clock input	One word clock input on BNC connector
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	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

D-Mitri DDIO-24
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DGPIO : D-Mitri General Purpose I/O

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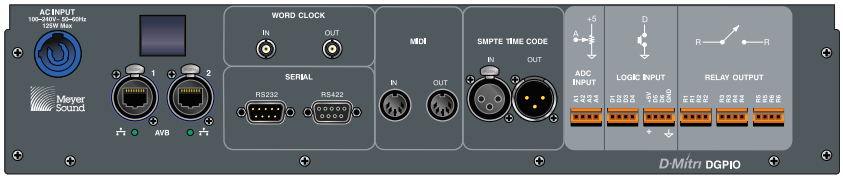

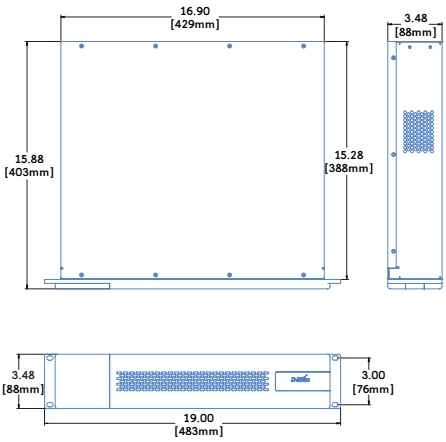

The DGPIO is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing control input and output connections between D-Mitri's Ethernet audio network and external devices that have a variety of industry standard interface types.

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

MIDI	One MIDI input on 5-pin DIN connector One MIDI output on 5-pin DIN connector
SMPTE (LTC)	One SMPTE input on gold-plated XLR 3-pin female connector One SMPTE output on gold-plated XLR 3-pin male connector
Serial	One RS-232 on male DB-9 connector One RS-422 on female DB-9 connector
Word Clock	One word clock input on BNC connector One word clock output on BNC connector
Terminal Strip	Six relay connections Six Digital Logic Inputs with switch contact closure (including ground and +5v) Four ADC inputs

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	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

D-Mitri DGPIO
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DCIO-24 : D-Mitri CobraNet I/O

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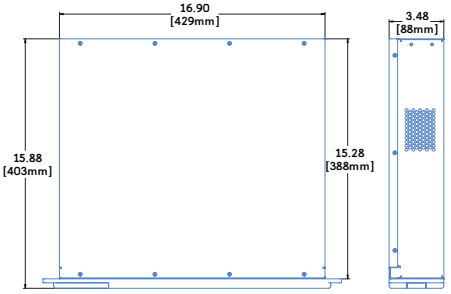

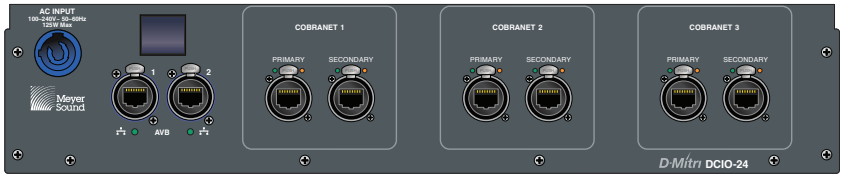

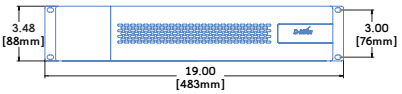

The DCIO-24 is a 2U rackmountable input/output module for the D-Mitri® digital audio platform providing 24 channels each of input and output conversion between a CobraNet® digital audio network and D-Mitri's Ethernet audio network. The DCIO-24 includes sample rate conversion on both inputs and outputs, 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

D/D CONVERSION	
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

D-Mitri DCIO-24
04.908.049.07 D

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DCP : D-Mitri Core Processor

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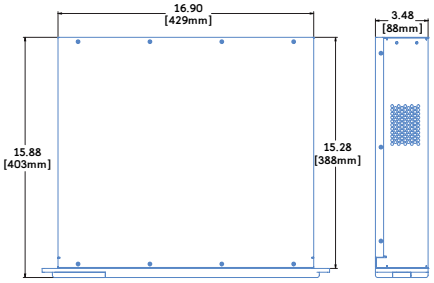

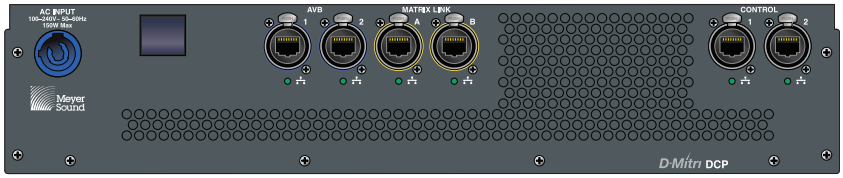

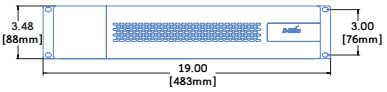

The DCP is a 2U rackmountable processing module for the D-Mitri® digital audio platform which provides complete audio processing for up to 72 inputs, outputs, and internal buses. The DCP receives audio inputs from and sends outputs to D-Mitri audio interfaces via the system's Ethernet adio network. Audio 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

DIGITAL AUDIO AND CONTROL

Network	Two AVB-capable Ethernet ports for connection to D-Mitri interfaces Two Matrix Link ports for connection to D-Mitri DCM-2 and DCM-4 matrix mixing/routing modules
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
Control Connections	The DCM-2 has two control ports for redundant control from a backup network or controller.

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

D-Mitri DCP
04.908.049.08 D

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DVRAS : D-Mitri VRAS

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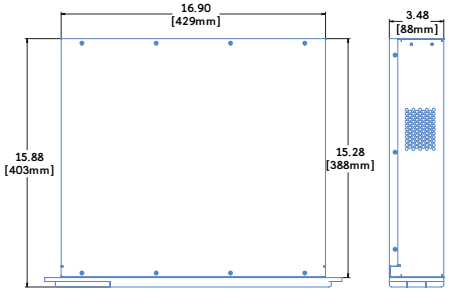

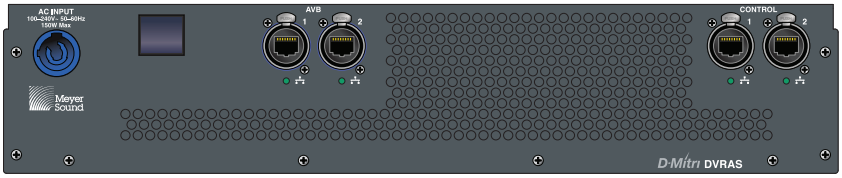

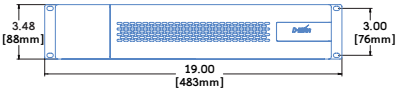

The DVRAS is a 2U rackmountable processing module for use in Constellation® acoustic systems built on the D-Mitri® digital audio platform. The DVRAS module provides input channel and VRAS™ variable room acoustic system processing for up to 16 microphones and 16 return channels in one zone of a Constellation 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 to and from D-Mitri's Ethernet audio network
- Redundant control ports
- Additional redundant AVB-capable port

Specifications

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
Control Connections	Two Ethernet control ports for control by CueStation software and/or hardware controllers.
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	20 lbs (9.1 kg)
NOTES	
System requirements	D-Mitri requires a Gigabit Ethernet infrastructure
Cabling	Cat-5e or Cat-6

D-Mitri DVRAS
04.908.049.09 D

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DCM-2 : D-Mitri Core Matrix

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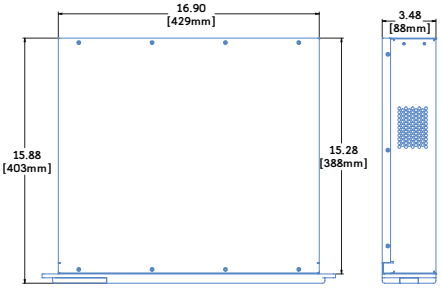

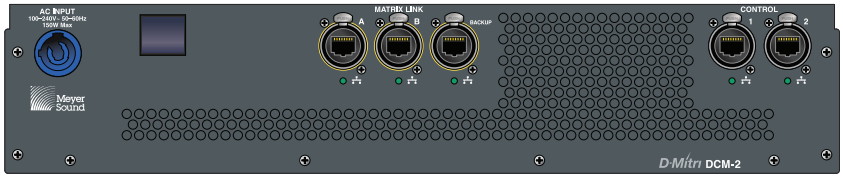

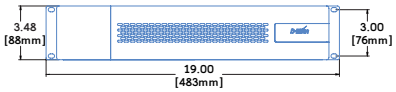

The DCM-2 is a 2U rackmountable matrix mixing module for the D-Mitri® digital audio platform which can combine up to 144 channels of audio input to 144 buses, mixed to 144 outputs. The DCM-2 receives all audio inputs from and sends all outputs to one or two DCP core processors via Matrix Link™, a dedicated, 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.
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

D-Mitri DCM-2
04.908.049.10 D

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DWTRX : D-Mitri Wild Tracks

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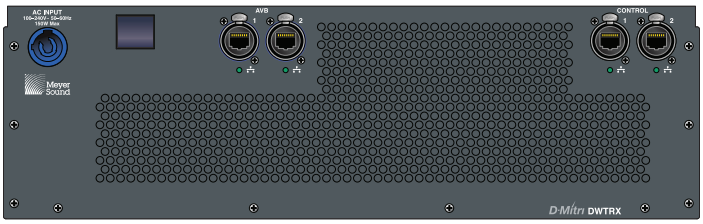

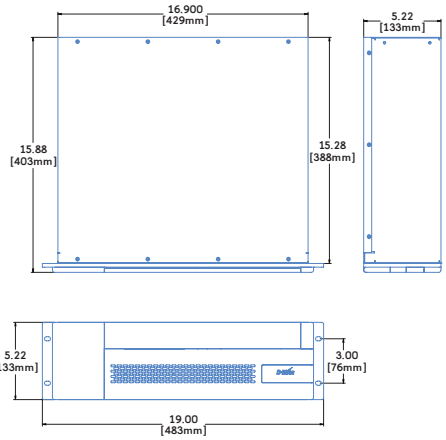

The DWTRX is a 3U rackmountable module for the D-Mitri® digital audio platform providing simultaneous recording and playback of up to 72 tracks of audio. The DWTRX module has two 160GB removable solid-state drives. Each SSD can hold over 120 Track Hours of audio. Drives may be removed and exchanged while 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

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
Control Connections	Two Ethernet control ports for control by CueStation software and/or hardware controllers.

STORAGE MEDIA FOR SOUND FILES

Digital Media	Two removable 160 GB Solid State Drives
File Format	32 bit floating point/96kHz aiff and wav

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 (483 mm x 133 mm x 404 mm)
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
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DCM-4 : D-Mitri Core Matrix

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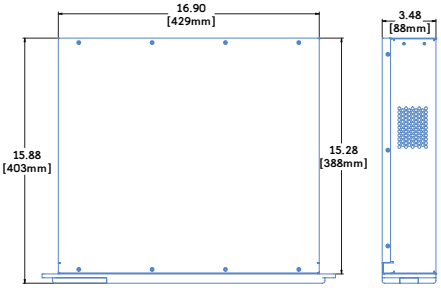

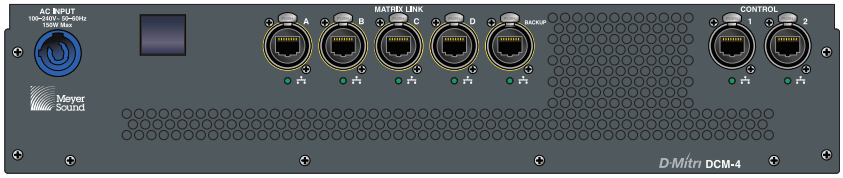

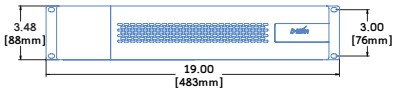

The DCM-4 is a 2U rack mountable matrix mixing module for the D-Mitri® digital audio platform which can combine up to 288 channels of audio input to 288 buses, mixed to 288 outputs. The DCM-4 receives all audio inputs from and sends all outputs to up to four DCP core processors via Matrix Link™, a dedicated, 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.

Features & Benefits

- Provides full dynamic matrix mixing of 288 inputs to 288 buses to 288 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	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

D-Mitri DCM-4
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