DWTRX : D-Mitri Wild Tracks

thinking sound   Meyer Sound®
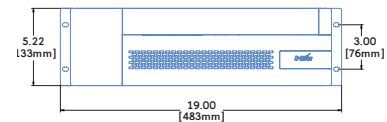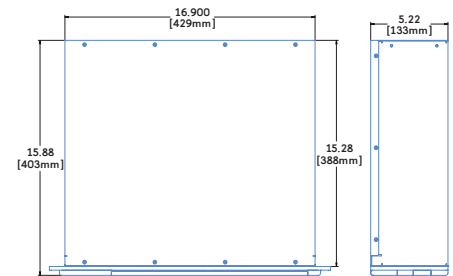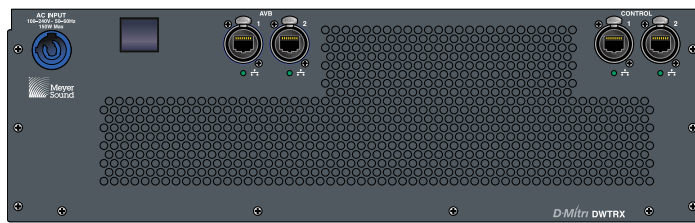

The DWTRX is a 3U rackmountable module for the D-Mitri digital audio platform providing simultaneous recording and playback of up to 72 tracks of audio. The DWTRX module has two 160GB removable Solid State Drives. Each SSD can hold over 120 Track Hours of audio. Drives may be removed and exchanged while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

- Redundant control ports

- Additional redundant AVB port

- Safety Net™

PRELIMINARY SPECIFICATIONS

DIGITAL AUDIO AND CONTROL

Network	Two AVB-enabled 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®
Operating Voltage Range	100-240 V AC, 47-63 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

NOTES

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

CE ℅ N775
www.meyersound.com
Made in USA with domestic and foreign parts
(Pending)   (Pending)

D-Mitri DWTRX
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