PRO TOOLS | MTRX II
The pinnacle of audio fidelity and flexibility

Pro Tools | MTRX™ II is a powerful studio centerpiece that builds on the I/O, routing, and monitoring versatility of its predecessor. With integrated DigiLink™, Dante, MADI, and SPQ Speaker Processing, eight I/O card slots, and 256 channels of optional Thunderbolt™ 3 connectivity, you can take on the largest music and audio productions with ease.

STREAMLINE YOUR STUDIO WITH THE I/O YOU NEED

Pro Tools | MTRX II not only comes with 64 channels of built-in DigiLink I/O, 256 channels of Dante, and 64 channels of MADI, it's fully modular. Configure its eight card slots with all the analog, digital, and additional DigiLink, Dante, and other I/O you need (the same option cards as MTRX) to support any artist, ensemble, or workflow. Add Thunderbolt 3 connectivity. Replace multiple single-format interfaces taking up rack space. Route any signal between different I/O formats. And connect multiple HDX systems and DAWs together with a single interface.

GET UNPARALLELED SOUND QUALITY AND CLARITY

Building on the MTRX legacy, MTRX II delivers the cleanest, most transparent, and highly detailed AD and DA conversion of any audio interface. This enables you to capture vocals and acoustic instruments without any coloration—exactly as the sources sound—and then monitor your mix in all its sonic glory through some of the highest quality audio converters in the industry.

MONITOR AUDIO IN MORE WAYS

With integrated SPQ Speaker Processing, DADman Pro | Mon for monitor calibration and control, and the expanded 512 x 64 summing mixer, MTRX II will satisfy all of your monitoring needs. Calibrate your speakers to compensate for their acoustic response in any room with up to 16 filters per monitor channel. And get up to 128 channels of room correction, each with adjustable delay and filters, from stereo to multistem Dolby Atmos summing.

CONNECT TO ANY DANTE NETWORK

With 256 integrated Dante channels, you can connect your Pro Tools | HDX™ system to any Dante network—the industry's preferred audio-over-IP solution. Not only is Ethernet economical—especially where long cable runs are required—it allows for a more versatile bi-directional workflow that leverages your facility's Ethernet infrastructure to route audio between multiple rooms and devices.
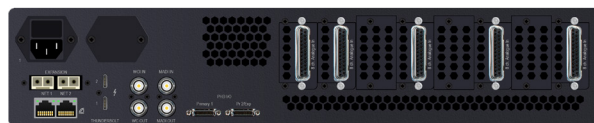
KEY FEATURES

› Connect to Pro Tools®, Core Audio DAWs, Avid control surfaces, and other studio devices with built-in I/O and monitor calibration (or use it standalone):
  › 64 channels of DigiLink I/O
  › 256 channels of Dante I/O
  › 64 channels of MADI I/O
  › Word Clock I/O
  › 128 channels of SPQ Speaker Processing

› Customize the interface with all the I/O you need—including mic/line, Thunderbolt 3, AES3, and additional DigiLink, Dante, and more—through eight option card slots

› Capture audio in the highest sound quality with renowned DAD mic preamps and AD/DA converters

› Set up a low-latency, 256-channel native Pro Tools or other DAW system with the Thunderbolt 3 option

› Calibrate and control MTRX II with the included DADman software and Pro | Mon Monitor Control

› Route audio to any connected device across your facility with the 4,096 x 4,096 router

› Accommodate a full theatrical Dolby Atmos configuration with the 512 x 64 summing mixer

› Take remote control of all sources with Avid S6™ and other EUCON™-enabled control surfaces

FOR MORE INFORMATION, VISIT
avid.com/mtrxII

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SPECIFICATIONS

ANALOG AND DIGITAL I/O

Configurability	Fully customizable I/O with eight option card slots; install up to eight total analog, DigiLink, and/or digital I/O cards
Built-in I/O	› 64 channels of DigiLink I/O (via two 32-channel DigiLink Mini ports) at all sample rates › 64 channels of MADI I/O at 44.1/48 kHz, 32 channels at 88.2/96 kHz, or 12 channels at 176.4/192 kHz › 256 channels of Dante I/O at 44.1/48 kHz, 128 channels at 88.2/96 kHz, or 64 channels at 176.4/192 kHz (IP core)
Optional I/O (sold separately)	› 8 Mic/Line Pristine AD input card (DB25) › 2 Mic/Line Pristine AD input card (DB25) › 8 Line Pristine AD input card (DB25) › 8 Pristine DA output card (DB25) › 64-channel DigiLink I/O card (two DigiLink Mini ports) at all sample rates › Thunderbolt 3 Option Module (enables up to 256 channels of native low-latency I/O at 44.1/48 kHz and 88.2/96 kHz, 128 channels at 176.4/192 kHz, and 63 channels at 384 kHz to Pro Tools and other Core Audio DAWs) › 128-channel IP Audio Dante card with built-in SRC › 128-channel Dual MADI I/O card › 8 AES3 I/O card (16 mono channels) › 2 x 16-channel Dual SDI/HD/3G card with built-in SRC

MONITORING AND ROUTING

Digital cross-point matrix (input to output routing)	4,096 x 4,096
Summing matrix with monitor profiles	512 x 64 (supports full theatrical Dolby Atmos mixing) Monitor Groups Fold Downs Group Formats
Room calibration	Built-in SPQ speaker processing with 256 filters on 16 channels; delay management adjustable up to 150 ms per channel

ADDITIONAL SPECIFICATIONS

Supported DAWs	Pro Tools, Logic Pro, Cubase, and other Core Audio workstations
EUCON integration	Yes
System sync	Word Clock/video black burst (VBB) via BNC connectors, Dante Sync, Digital Inputs
Supported sample rates	44.1 kHz–384 kHz
Chassis	2U 19" rack-mountable unit

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OPTION CARDS

Pro Tools | MTRX II is fully modular, enabling you to customize it with up to eight analog and/or digital audio I/O option cards (sold separately). Install the maximum eight AD and/or DA cards to support up to 64 analog channels, design an all-digital box, or create any combination between.

8 LINE PRISTINE AD CARD (INPUT)
Adds eight channels of line-level analog inputs

2 MIC/LINE PRISTINE AD CARD (INPUT)
Adds two channels of analog inputs and mic preamps with relay-based gain circuit—an ideal low-cost option for talkback and tracking

8 MIC/LINE PRISTINE AD CARD (INPUT)
Adds eight channels of analog inputs and mic preamps with relay-based gain circuit

8 PRISTINE DA CARD (OUTPUT)
Adds eight channels of line-level analog outputs with an output level control

DIGILINK I/O CARD
Adds 64 channels of DigiLink I/O through two DigiLink Mini ports

THUNDERBOLT 3 MODULE
Enables 256 channels of native low-latency I/O connectivity and routing between multiple Core Audio-based DAWs, including Pro Tools

8 AES3 I/O Card
Adds eight line AES3 inputs and outputs (16 channels), with built-in sample rate conversion

DUAL SDI/HD/3G CARD
Adds 2 x 16 channels of SDI/HD/3G connections (embed/de-embed) with built-in sample rate conversion

128-CHANNEL IP AUDIO DANTE CARD
Adds up to 128 channels of high-density, low-latency digital audio using Dante (128 channels at 41.1/48 kHz, 64 channels at 88.2/96 kHz, or 32 channels at 176.4/192 kHz)

DUAL MADI I/O CARD
Adds 128 channels of MADI inputs and outputs through two optical SFP ports

MADI MODULE FOR BASE UNIT
Adds an additional one or two 64-channel I/O coaxial or optical MADI module to the chassis

WHAT'S INCLUDED
› Pro Tools | MTRX II base unit
› Pro | Mon 3 monitoring control
› DADman software
› AC power cable

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