



Pro Tools | MTRX



The highest standard in premium studio-quality sound

Upgrade the quality of your music and audio post production with a versatile interface that delivers the most pristine sound possible. Designed for Pro Tools® | HDX, HD Native, and other pro audio systems, Pro Tools | MTRX offers the superior sonic quality of DAD's legendary AD/DA converters, plus extensive, flexible routing and monitor control when used standalone or with Avid® Pro Mixing surfaces. And because the interface can be customized with the analog and digital I/O you need, you can connect your entire studio together to take on the largest, most demanding music and post productions with ease.

GET UNPARALLELED SOUND QUALITY AND CLARITY

Developed in partnership with Digital Audio Denmark (DAD), Pro Tools | MTRX delivers the cleanest, most transparent AD and DA conversion of any audio interface. Capture audio without any coloring—exactly as the sources sound—and monitor your mix through the highest quality audio converters in the industry.

CUSTOMIZE MTRX WITH THE I/O YOU NEED

Pro Tools | MTRX comes with built-in I/O, including 64 MADI channels, 64 DigiLink™ channels, and 16 AES3 channels. But it's also modular, enabling you to configure eight card slots with additional I/O to suit your workflow. From analog inputs, outputs, and high-quality mic pres, to Dante, MADI, DigiLink, AES3, 3G-SDI, and more, you have the connection versatility you need to support every music and audio post workflow.

STREAMLINE YOUR DOLBY ATMOS WORKFLOW

In conjunction with Pro Tools | Ultimate and Pro Tools | HDX, Pro Tools | MTRX delivers the most comprehensive end-to-end solution for immersive audio, streamlining the entire workflow with less hardware, less complication, and lower costs. Connect a multi-card HDX system—or even a multi-workstation system—to a single MTRX interface and route all playback sources, stems, Dolby Atmos rendering, and monitoring outputs all through one 2U device.

CONTROL SOURCES AND MONITORING WITH EUCON

Remotely control up to 48 mic pres and all monitoring directly from Pro Tools | Ultimate or any EUCON-enabled control surface. Pro Tools | MTRX puts complete monitoring, talkback, summing, and fold-down control at your fingertips, whether you're mixing in stereo, surround, or immersive audio.

SIMPLIFY YOUR STUDIO

Not only does Pro Tools | MTRX expand the capabilities of your existing Pro Tools | HD system, it enables you to consolidate other single-format I/O and monitor interfaces taking up valuable space in your racks.

GET EXTENSIVE ROUTING FLEXIBILITY

Pro Tools | MTRX enables you to route, split, and patch audio quickly and extensively, with a matrix capacity of up to 1,500 x 1,500 cross points. This digital patchbay lets you feed any input to any output, or even send audio to multiple outputs simultaneously, giving you nearly unlimited workflow possibilities.

CONNECT TO ANY DANTE NETWORK

With Pro Tools | MTRX, you can distribute audio between rooms and devices across your facility over Ethernet. Not only is Ethernet economical—especially where long cable runs are required—it allows for a more versatile workflow that leverages your existing Ethernet infrastructure.

KEY FEATURES

- Capture and play back audio in the highest audio quality possible—up to 384 kHz PCM and DSD
- Configure all eight card slots with the analog and/or digital I/O you need
- Choose from a wide variety of I/O, including mic pres, Dante, MADI, AES3, and 3G-SDI
- Get the versatility you need to connect with the widest array of gear, devices, and environments
- Use as a 64-channel interface to Pro Tools | HD or standalone
- Gain flexible routing and monitoring control with the included DADman software and Pro | Mon 2
- Use one interface for multiple applications, including music recording, Dolby Atmos®, live sound, multi Pro Tools post workflows, monitor control, and more
- Remotely control up to 48 mic preamps per interface from both DADman and Pro Tools | S6
- Handle the largest productions from a single interface, with up to 1,088 Dante audio channels or 1,216 MADI channels
- Route one or more multi-card HDX systems to a single MTRX interface by adding one or more DigiLink I/O Cards
- Configure your monitor section as you need it with multiple speaker sets
- Build custom fold-down templates to instantly switch between monitor formats
- Sum stems and sources to feed monitor outputs using Pro | Mon as a 256 x 32 summing mixer
- Switch multichannel audio formats for the project at hand, from stereo and 7.1, up to 64-channel Dolby Atmos
- Get a quick glimpse into your signal status and session activity on the front-panel display

FOR MORE INFORMATION, VISIT
[avid.com/protoolsmtrx](https://www.avid.com/protoolsmtrx)

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SPECIFICATIONS

Pro Tools | MTRX base unit (built into the chassis)

AES/EBU I/O	Eight AES pairs (16 mono) via two D25 connectors
MADI I/O	Coaxial interface with 64 I/O channels via BNC connectors
Option card slots	Eight available for I/O customization (see options below); up to six slots can be used to mix and match analog (AD/DA) cards, providing up to 48 analog channels per MTRX interface
System sync	Word Clock/video black burst (VBB) I/O via BNC connectors; AES11 input
Pro Tools interface	Two 32-channel DigiLink Mini connectors (64 channels total)
Sample rate	Supports 44.1 kHz–384 kHz, as well as DSD 64/DSD 128 with high precision internal clock and PLL
Power	Dual power supplies (internal)
Chassis	2U 19-inch rack-mountable unit (482.6 mm)

OPTION CARDS

Pro Tools | MTRX is fully modular, enabling you to customize it with up to eight analog and/or digital audio I/O option cards to create a 64-channel interface. You can install a maximum of six AD and/or DA cards to support up to 48 analog channels. Or design an all-digital box—or any combination between.

Pro Tools | MTRX 8 Line Pristine AD Card

Add eight channels of line-level analog inputs.

Pro Tools | MTRX 2 Mic/Line Pristine AD Card

Add two channels of analog inputs and mic preamps with relay-based gain circuit—an ideal low-cost option for talkback and tracking.

Pro Tools | MTRX 8 Mic/Line Pristine AD Card

Add eight channels of analog inputs and mic preamps with relay-based gain circuit.

Pro Tools | MTRX 8 Pristine DA Card

Add eight channels of line-level analog outputs with an output level control.

Pro Tools | MTRX DigiLink I/O Card

Add 64 channels of DigiLink I/O through two DigiLink Mini ports (DigiLink I/O license included).

Pro Tools | MTRX 8 AES3 I/O Card

Add eight line AES3 inputs and outputs (16 channels), with built-in sample rate conversion.

Pro Tools | MTRX Dual SDI/HD/3G Card

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

Pro Tools | MTRX 128-Channel IP Audio Dante Card

Add up to 128 channels of high-density, low-latency digital audio using Dante (128 channels at 44.1 kHz or 32 channels at 192 kHz)

Pro Tools | MTRX 64-Channel IP Audio Dante Module

Add up to 64 channels of low-latency digital audio using Dante (64 channels at 44.1 kHz or 16 channels at 192 kHz).

Pro Tools | MTRX Dual MADI I/O Card

Add 128 channels of MADI inputs and outputs through two optical SFP ports.

Pro Tools | MTRX MADI Module for Base Unit

Add an additional one or two 64-channel I/O coaxial or optical MADI module to the chassis.

Pro Tools | MTRX SPQ Speaker Processing Card

Tune your room's speaker system with 128 EQ channels and 1,024 filters that provide comprehensive equalization and bass management

SYSTEM REQUIREMENTS

Pro Tools | HDX or Pro Tools | HD Native system running Pro Tools | Ultimate software

WHAT'S INCLUDED

- Pro Tools | MTRX base unit
- Pro | Mon 2 monitoring control
- DADman software
- Two DigiLink Mini cables
- DigiLink I/O License
- AC power cable
- Additional interface cards available as options