



Pro Tools | MTRX

Enter a new world of fidelity and flexibility



Get the most pristine sound quality possible—and extensive monitoring and routing capabilities—in the most versatile audio interface available for Pro Tools® | HDX, HD Native, and other pro audio applications. With Pro Tools | MTRX, you gain the superior sonic quality of DAD's legendary AD/DA converters, plus 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 take on the most demanding music and post-production.

Key features

- Capture and play back audio in the highest audio quality possible—up to 384 kHz DSD
- Customize the interface for your needs, whether you want 48 analog channels, 64 digital, or something in between
- 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
- 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
- Work with multiple audio formats, from mono and stereo, to 64 channels of audio output
- Get a quick glimpse into your signal status and session activity on the front-panel display

Achieve exceptional sound

Digital Audio Denmark's (DAD's) AD and DA converters are renowned for delivering the cleanest, most transparent, and highly detailed sound. Pro Tools | MTRX is no exception, enabling you to get the best sound quality possible from your Pro Tools | HD system—up to super-high-resolution 384 kHz DSD. And because it does double duty as both an audio I/O and monitor interface, it offers exceptional versatility too.

Expand your monitor control

Take full remote control of all sources, monitors, and speaker sets directly from Pro Tools | S6, other EUCON-enabled control surfaces, and the included DADman software. Pro Tools | MTRX includes Pro | Mon 2, putting complete monitoring, talkback, summing, and fold-down control at your fingertips, whether you're mixing in mono, stereo, 5.1, 7.1, 9.1, or even a 64-channel immersive audio mix.

Get the I/O you need

Pro Tools | MTRX is fully modular, so you can customize it with a wide variety of I/O and interface options. From analog inputs, outputs, and high-quality mic pres, to Dante, MADI, AES3, 3G-SDI, and more, you have the interface versatility you need to connect with any type of gear and route any signal between the various I/O formats.

Make connections right away

It's not all just about options. Pro Tools | MTRX also features an assortment of built-in I/O on the chassis as standard. Get a MADI interface that offers 64 I/O channels, an 8 line AES3 interface with 16 I/O channels, and a 2-port 64-channel DigiLink™ Mini I/O interface to connect your interface to Pro Tools | HDX or HD Native.

Route audio with abandon

Using DADman software, you can route, split, and patch audio quickly, flexibly, and extensively, with a matrix capacity of up to 1,500 x 1,500 cross points. You can feed any input to any output, or even send audio to multiple outputs simultaneously, giving you unlimited workflow possibilities.

Save time, space, and money

With its diverse connection abilities, Pro Tools | MTRX can effectively replace your army of single-format I/O and monitor interfaces taking up space in your racks. As an all-in-one device, it also expands yet streamlines your workflow possibilities, enabling you to do more while minimizing connection complexity and studio footprint requirements.

Keep things in sync

Pro Tools | MTRX provides high-precision internal clocking interfaces, enabling you to sync all of your audio devices and signals through Word Clock, AES11, video black burst (VBB), and all digital I/O. This ensures that you get the cleanest, most accurate performance—free of audio distortion and anomalies—across all of your connected devices.

For more information, visit avid.com/prottoolsmtrx

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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 for Pro Tools | HD. 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 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 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.

SYSTEM REQUIREMENTS

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

Pro Tools | HD 12 or higher 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

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For more information, visit avid.com/protoolsmtrx