



# 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](http://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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