

# TASCAM MODEL 24 24 Channel Multitrack Recorder with Integrated USB Audio Interface and Analog Mixer

TASCAM has continuously been providing industry-leading recording solutions for decades, such as the TASCAM 38 Open Reel 8-track, the DA-88 Digital 8-track and the legendary Portastudio Cassette and Digital Multitrack recorders. TASCAM now builds on this legacy to deliver a new classic: the Model 24 Multitrack Recorder/Mixer/Interface.

Whether used for rehearsal, live shows or studio production, this triple-function recording console perfectly meets the needs of today's working and recording musician

## Simple, Intuitive Design

One glance is all you need. The TASCAM Model 24 was developed for easy and immediate operation, with everything you need placed right at your fingertips. 100mm faders allow for precise control over volume. A full set of familiar EQ and Auxiliary knobs remove the need to menu diving, and all input/output connections are all on the surface for quick and easy access.

The Model 24 is truly a modern take on a classic design.

## TASCAM's Revolutionary Recording Technology

Featuring 16 high-grade TASCAM mic preamps in addition to multiple sets of stereo line inputs, the Model 24 delivers studio quality audio performance right from the start. When it's time to record The TASCAM Model 24 allows musicians and engineers to capture up to 24 tracks simultaneously (at 24bit/48kHz resolution) directly to the SD card, with the ability to support punch in/out 8 tracks at the same time. And once the take is done, the Model 24 can easily playback any or all of the recorded tracks through the console for immediate mixdown.

## Flexible Connectivity

In addition to the studio quality mic preamps and powerful EQ and routing options the Model 24 features a dedicated stereo channel 1/8", dual RCA Bluetooth™ connectivity. This allows users to easily integrate mobile devices into the mix for rehearsal playback, walk-in music and more. Finally, the TASCAM Model 24 can also act as a powerful audio interface and will connect directly to your PC or Mac for easy integration with your DAW of choice.

## Durability and Reliability

Designed to be both lightweight and rugged, the Model 24 can easily be carried from studio to stage with the confidence that TASCAM's legendary reliability will keep the music going.

## A true triple threat

The best of both worlds, the TASCAM Model 24 is a full featured 24 Track Digital Multitrack Recorder and 24 Channel USB Audio Interface with integrated Analog Mixdown capabilities. From stage to studio, the Model 24 helps you bring your music together in one easy-to-use device.

## Record

At the heart of the Model 24 is the legendary TASCAM Portastudio multi-track recording engine. Delivering quality and reliability as only TASCAM can, the Model 24 enables you to record and play back any combination of 24 tracks of digital audio as well as perform overdubs and punch-ins quickly and easily.

Record every live gig you play, build your songs track by track, or play along to pre-recorded backing tracks and record the final performance. The Model 24 is designed to work the way you work, with no delays, no limitations and no compromises.

## Connect

Equally at home in a project studio as on the road the Model 24 is the ideal analog counterpart to your Digital Audio Workstation (DAW). With enough inputs to capture an entire band in a single take, the Model 24 provides quick and easy signal routing to and from your computer without having to stop to re-patch and re-set levels. Inspiration won't wait, and TASCAM won't slow you down.

## Mix

Featuring 12 Mono input channels and 4 Mono/Stereo channels, the TASCAM Model 24 is flexible enough to support most groups on stage but compact enough to carry to the gig. Low noise, high gain preamps, one-knob compressors (on selected channels), flexible routing, powerful EQ and silky smooth 100mm faders combine to deliver a truly dynamic, real-time mixing experience. Combine this with a 7 band EQ, dual monitor sends, and on-board effects making the Model 24 a truly powerful portable mixing solution, ready to take the stage (or studio). No confusing sub menus, no lost presets, just immediate hands-on control and incredible analog sound quality.

## Channel surfing

Designed for use on the road and in the studio, The Model 24 features four different channel strip configurations. The first two channels feature both an XLR input as well as a switchable line/instrument level 1/4" input. These are followed by a 1/4" TRS Insert connector for easy patching of a compressor, EQ or other effects. Next are the preamp gain controls (with overload indicator LED), switches for a 100Hz Low cut and the Line/Instrument level select switch.

These are followed by the Routing Mode selector, which is common to all channels and allows input assignment selection of your choice - the live incoming signal, the return from a DAW channel or the return from the internal multitrack recorder to each channel for EQ, processing and level control. Worth noting is that

the Low Cut switch and the One-Knob Compressor are both wired into the signal path prior to the Routing Mode selection. This ensures that recorded tracks take full advantage of the Low Cut and Compressor setting features.

Directly below this selector, and common to the first 12 channels is a One-Knob Compressor that helps to quickly and easily tame dynamics during a live performance. Also common to the first 12 channels is a musical 3 band EQ with a sweepable midrange frequency.

Following the EQ section are a set of three auxiliary sends labeled Monitor 1, Monitor 2 and FX, providing additional routing to foldback systems and effects.

Next up is the fader section which is consistent across the entire mixer. This roomy control area boasts a Pan control, a backlit Record enable switch and Mute button with an LED indicating engagement. Below these the Model 24 features a full set of 100mm Level faders and individual selector switches for assignment to the Main Mix, the Sub group and Pre Fade Listen. Once again, these are common to all channel strips.

Channels 3 – 12 have been streamlined to feature XLR Microphone and ¼" Line Level inputs.

Channels 13/14 – 19/20 are configured as stereo input channels and feature an XLR Microphone input as well as dual ¼" stereo inputs, with the Left input summing to Mono if the right input connector is unused. As these channels will typically be used for keyboards, drum machines, modular synthesizers and effects processors, the audio controls have been simplified to remove the One-Knob Compressor and to feature an intuitive fixed three-band EQ.

The final channel configuration – channel 21/22 has been optimized for use with mobile devices and features either Stereo RCA and 1/8" inputs as well as Bluetooth™ pairing. This channel has also been optimized to feed Monitor 1 and Monitor 2 via rotary auxiliary send controls

### **Master and Commander**

The Master section of the Model 24 has been designed to for fast and intuitive use during live performance and tracking. Directly at hand are premium grade 100mm faders for the Main Mix, both Monitors and Sub-mix as well Mute and assignment buttons. Directly above are the controls for the onboard Digital Effects Processor which allow you to add Reverb, Delay, Chorus, Flanger and more to one or more sources and destination.

### **Make Tracks**

The integrated 24 Track Digital Multitrack Recorder makes the Model 24 the ideal choice for performers and songwriters alike. With the press of a button, your entire set is recorded and saved to SD card as individual tracks which can be mixed right there and then or imported into your DAW for editing, overdubs and mastering. And in between live gigs, the Model 24 serves as the ideal songwriter's companion with full record, overdub and punch in/out capabilities.

### **Live and Let DAW**

Beyond the ability to simply move recorded tracks to and from a DAW, the Model 24 is also designed as a powerful USB Audio Interface, complete with premium quality mic preamps and onboard compression. Ideal for project studios, the Model 24 will provide 24 simultaneous inputs to a computer based recording system, making it incredibly easy to record multiple musicians simultaneously without the frustration of channel limitations. The Model 24 also provides incredible flexibility at mixdown by making it simple to work completely in-the-box, or route tracks back through the mixer for 22 channels of hands-on control and true analog sound.

### **Features**

- All-in-One, Multitrack Recorder with 22 channel Mixer and USB Audio Interface
- WAV 48kHz/24-bit, 24 channel multitrack recording to SD, SDHC and SDXC cards
- Built-in USB Audio Interface to send/receive audio data to/from DAW
- 22 Inputs (20 Balanced, 12 Monaural, and 4 Stereo)
- 16 TASCAM Microphone Preamps
- Input Mode switch on every input channel
- TASCAM Ultra-HDDA Mic Pre-amp (Channels 1 to 12)
- Preamp Gain Controller with Overload indicator (Channels 1 to 12)
- 3-band EQ with a sweepable mid-range frequency (Channels 1 to 12)
- 100kHz Low-cut Filter (Channels 1 to 12)
- 7-band Graphic EQ
- 16 Pre-set Effects
- 100mm Long-throw Faders for precise adjustment
- Mute, Main/Sub, PLF switches on every input channel
- Bluetooth® input supporting both AAC and SBC codecs
- SUB Outputs via XLR Balanced and RCA Unbalanced connectors
- LINE Inputs via RCA Pin and 1/8" Stereo Mini jacks
- 3 AUX Outputs (Monitor 1, Monitor 2, FX)
- 1 Stereo Output for Control Room
- Phantom Power (+48V)
- 1/4" Stereo Headphone Output
- Backlit buttons for key operations such as REC and Play
- Multi Jog-dial for quick menu operation
- 12-segment LED Output Level Meters