

TASCAM®



The Classics, Reborn

The professional hybrid console with the warmth of analog and the latest modern technology

Model 24



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.



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.

Record

At the heart of the Model 24 is the legendary TASCAM's 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. 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.



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 1/4" Line Level inputs.

Channels 13/14 – 19/20 are configured as stereo input channels and feature an XLR Microphone input as well as dual 1/4" 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 3-band EQ (a sweepable midrange frequency not available).

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 Control and Routing

The Master section of the Model 24 has been designed 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. Following that are the controls for the integrated multitrack recorder, an assignable 7-band Graphic EQ and the patch panel for system outputs, headphones and footswitch.



RC-1F
Foot Switch (Optional accessory)

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.



Specifications

Level Control	100mm faders
Maximum Input	Instrument:2ch / Line:22ch / Mic:16ch
Graphic EQ	7-band
3-band Semi-Parametric EQ	1-22ch (Sweepable mid band on mono channels)
Recording section	
Recordable Track	Max. 24 Track (22 + 2 stereo mix)
Supported Media	SD, SDHC, SDXC ※Class 10 or higher required.
File System	SD card: FAT16, SDHC card: FAT32, SDXC card: exFAT
Sampling Rate	44.1k/48k Hz
Bit Depth	16/24bit
Recording File	WAV (BWF)
Playback Format	WAV (BWF)
USB Audio	
Sampling Rate	44.1k/48k Hz
Bit Depth	16/24bit
Audio Inputs/Outputs	24 Inputs / 22 Outputs
Bluetooth®	Version 4.0
Dimensions	22.67"(W) × 20.20"(H) × 4.43"(D) (including side panels, knobs and connectors)
Weight	22.04 lbs.

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