

Model 12

Integrated Production Suite



Brand name	TASCAM
Model name	Model 12
Launch date	Already done
Available from	Already done
JAN/EAN code	4907034 132034
UPC code	043774 034499
Overall dimensions/weight W x H x D	343 x 98.8 x 360/4.3 (mm/kg) 13.51 x 3.89 x 14.18/9.48 (inch/lb)
Package size /weight W x H x D	465x 160 x 400/5.65 (mm/kg) 18.31 x 6.3 x 15.75/12.46 (inch/lb)
Master carton dimensions/weight W x H x D	495 x 345 x 410/12.5 (mm/kg) 19.49 x 13.59 x 16.15/27.56 (inch/lb)
Qty per master carton	2

■ Description

MULTITRACK RECORDING CONSOLE

■ Marketing Name

Integrated Production Suite

■ Product Outline

Integrated Mixer for Creators with 12 track multitrack recorder, USB audio interface, 10-input mixer, MIDI support, click output and DAW controller function.

■ Main Features

- 10 inputs (8 Monaural XLR mic inputs [+48V support])/10 TRS line inputs) and Bluetooth® 5.0 input, 3.5mm (1/8") TRRS input (for Smartphone)
- Recording function with punch in/out support allows direct SD card 12 track recording / 10 track playback
- 12 in / 10 out USB audio interface function (USB Type-C connector) Bluetooth® 5.0 input with AAC and SBC codec support
- TASCAM Ultra HDDA Mic Pre-amp technology (CH 1 thru 6)
- Supports simple DAW control (HUI/MCU protocol emulation)
- TASCAM FX equipped
- Equipped with MIDI IN/OUT connectors, USB-MIDI interface function, and MTC output/MIDI clock output with SPP support

■ Other Features

- Dual headphone output with individual volume and source selection
- 1-knob compressor and 3 band EQ installed on all input modules
- Equipped with 60mm faders
- Stereo output to MAIN L-R and SUB L-R, monaural send to AUX1 and AUX2
- Adjustable audio delay for MAIN mixed USB output and analog MAIN output [0 – 2000ms] (Added in V1.20)
- Recorded tracks can be swapped with other tracks.
- Selectable PFL/AFL modes and the in-place solo (SIP)
- Dual footswitch (TRS connector) function allows assignment of transport, FX, etc.
- Click output with TAP TEMPO support
- Optional Carrying bag 『CS-MODEL 12』 for Model 12



■ Specifications

Recorder Specifications	
Recording Media	SD (512MB – 2GB) / SDHC (4GB – 32GB) / SDXC (64GB – 512GB), Class 10 or higher required.
File System	SD card:FAT16 / SDHC card:FAT32 / SDXC card:exFAT
Recording File Format	WAV(BWF)
Playback Format	WAV/BWF
Sampling Frequency	44.1kHz/48kHz
Bit Depth	16 bit / 24 bit
Maximum Recordable Channel Number	12 ch (10 inputs + 2 stereo mix)

USB	
Connector	USB Type-C
Transfer Format	USB2.0 High-Speed
Device Class	Mass-storage class/USB Audio Class 2.0 (USB class-compliant)
USB Audio Specifications	
Sampling Rate	44.1kHz/48kHz
Bit Depth	16 bit / 24 bit
Inputs	12 ch *Output from this unit
Outputs	10 ch *Input to this unit

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Supported DAW for remote control	
Software	Avid Pro Tools, Steinberg Cubase, Apple Logic Pro, MOTU Digital Performer, Ableton Live, Cakewalk by BandLab, PreSonus Studio One(V1.30), Cockos REAPER(V1.30), Steinberg Cubase 3.3(V1.30) * DAW control surface compatibility will be added in the future

Computer system requirements	
Windows	
OS	Windows 11, Windows 10 32-bit, Windows 10 64-bit, Windows 8.1 32-bit, Windows 8.1 64-bit, Windows 7 32-bit SP1 or later, Windows 7 64-bit SP1 or later *Windows7: tested in the last updated version
Compatible computers	Windows-compatible computer with a USB 2.0 port
CPU type/speed	Dual core/2 GHz or faster
Memory	2GB or more
DRIVER	USB Audio Class 2.0, ASIO2.0, WDM(MME) 
Screen resolution	1280 x 800 Dot or more
Macintosh	
OS	macOS Monterey(12), macOS Big Sur(11), macOS Catalina(10.15), macOS Mojave(10.14), macOS High Sierra(10.13)
Compatible computers	Apple Mac computer with a USB 2.0 port
CPU type/speed	Dual core/2 GHz or faster
Memory	2GB or more
DRIVER	Core Audio
Screen resolution	1280 x 800 Dot or more
Apple iOS device	
OS	iOS 15, iPadOS 15, iPadOS 14, iOS 14, iPadOS 13, iOS 13
DRIVER	Core Audio for iPhone

*Genuine Apple Lightning – USB camera adapter is required when connecting devices with Lightning connectors.

Audio input /output specs	
Microphone inputs	CH1-6, 7/8, 9/10
connector	XLR female, XLR-3-31(1: GND, 2: HOT, 3: COLD)
Maximum Input Level	+10dBu
nominal level	-8dBu
minimum input level	-58dBu
Gain Adjustable Range	0~50dB
Input Impedance	1.8k ohm

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Phantom Power Supply	+48V
LINE inputs	CH1-10
connector	CH1-6, 7, 9: (XLR-TRS combo jack) 1/4" TRS-phone, balanced, Tip: HOT, Ring: COLD, Sleeve: GND CH 8, 10: (TRS jack) 1/4" TRS-phone, balanced, Tip: HOT, Ring: COLD, Sleeve: GND
Maximum Input Level	+22dBu
nominal level	+4dBu
Gain Adjustable Range	-10 to +40dB: ch 1 thru 6, -20 to +30dB: ch 7/8 and 9/10
Input Impedance	22k ohm
INST inputs	CH1-6, 7, 9
connector	XLR-TRS combo jack 1/4" TS-phone, unbalanced, Tip: HOT, Ring: GND, Sleeve: GND
Maximum Input Level	+13.8 dBV
nominal level	-4.2 dBV
Gain Adjustable Range	-10 to +40dB: ch 1 thru 6, -20 to +30dB: ch 7 and 9
Input Impedance	1M ohm
INSERT	CH1, 2
connector	1/4" TRS-phone, Tip: SEND, Ring: RETURN, Sleeve: GND
return (ring)	
Maximum Input Level	+18dBu
nominal level	0dBu
Input Impedance	5k ohm
send (tip)	
Maximum Input Level	+18dBu
nominal level	0dBu
Input Impedance	100 ohm
MUSIC/TALK	CH 9/10
connector	3.5mm (1/8") TRRS input (for Smartphone), unbalanced
Maximum Input Level	+8 dBV
nominal level	-10dBV
Input Impedance	10k ohm
MAIN output	
connector	XLR male, XLR-3-32 (1: GND, 2: HOT, 3:COLD), balanced
Maximum Output Level	+22dBu
nominal level	+4dBu
Output Impedance	200 ohm
SUB OUT, AUX OUT	
connector	1/4" TRS-phone, Tip: HOT Ring: COLD, Sleeve: GND, balanced
Maximum Output Level	+16dBu

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nominal level	-2dBu
Output Impedance	200 ohm
PHONES OUT	OUTPUT 1 and 2
connector	1/4" STEREO-phone
Maximum Output Level	45mW + 45mW, 32 ohm
Working impedance	16 to 250 ohm

NOTE: 0dBV = 1Vrms, 0dBu = 0.775Vrms

Audio performance	
S/N ratio	103 dB (MAIN OUT, MAIN fader: nominal 0dB position, 22kHz, A-weighted)
Equivalent input noise (EIN)	-128 dBu (MIC IN->INSERT SEND Rs: 150Ω, GAIN knob: Max, A-weighted)
Total harmonic distortion (THD+N)	< 0.003% (MIC IN -> MAIN OUT, @+2dBu input level, 1kHz, Gain knob min.)
Frequency response	20Hz to 20kHz (+0.3/-0.7 dB, 1kHz, MIC IN -> MAIN OUT)
Crosstalk	-95dB, channels/input and output, (PAN knobs turned completely left or right, 1 kHz)
Maximum gain	74dB (MIC->MAIN OUT) 54dB (MIC->INSERT OUT) 74dB (MIC->SUB OUT) 75dB (MIC->AUX 1/2 OUT) 24dB (USB/SD -> MAIN OUT) *All GAIN knobs maximized, PAN knobs turned completely left or right, EQ knobs and MASTER SECTION EQ knobs at middle positions)

NOTE: 0dBu = 0.775Vrms

Input Channel EQ	
	Low cut: 100Hz, -12dB / Octave HI: Shelving, +15dB/-15dB, Cut off frequency: 10kHz MID: Peaking, +15dB/-15dB, 100Hz to 8kHz Variable MID Band Q FIX, 0.5 LOW: Shelving +15dB/-15dB, Cut off frequency: 80Hz
Master section EQ	
	HI: Shelving, +15dB/-15dB, Cut off frequency:10kHz MID: Peaking, +15dB/-15dB, 100Hz to 8kHz Variable, Q: 0.5/5 LOW: Shelving, +15dB/-15dB, Cut off frequency:60Hz

Internal Effects	
Types	1) HALL 1, 2) HALL 2, 3) ROOM 1, 4) ROOM 2, 5) PLATE, 6) STUDIO, 7) LIVE, 8) DELAY 1, 9) DELAY 2, 10) PING PONG, 11) CHORUS, 12) FLANGER, 13) DELAY + HALL 1, 14) DELAY + HALL 2, 15) CHORUS + HALL 1, 16) CHORUS + HALL 2 * Fx type and settings can be stored in the library slot

Bluetooth®	to MAIN or CH 9/10
Bluetooth® version	5.0
Output class	Class 2 (approximate transmission distance: 10m) * The transmission distance is approximate. The transmission distance could vary depending on the surrounding environment and electromagnetic waves.
Supported profile	A2DP
Supported A2DP codecs	SBC, AAC
A2DP content protection	SCMS-T

Foot switch	
Connector	1/4" TRS-phone, *TASCAM genuine Foot switch RC-1F available

CLICK	
Connector	1/4" TS-phone, metronome click output

General specifications

General specifications	
Power	AC 100V to 240V, 50/60Hz
Power consumption	16 W
Dimensions	343 x 98.8 x 360 [mm]/13.51 x 3.89 x 14.18 [inch] (W x H x D, w/sides panels, inc. knob height and protrusion)
Weight	4.3 kg / 9.48 lb
Operating temperature range	5 to 35°C / 41 to 95°F
Included items	Model 12, AC adapter(TASCAM PS-M1524), Cord for AC adapter(JAPAN/USA/EUROPE/AUSTRALIA, *one of these), USB cable(1m), TRRS cable(1m), Owner's manual, inc. warranty, TASCAM ID registration guide

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Dimensions

