TASCAM®

All-In-One Mixing Studio **Model 16**

Bluetooth® SDXC™

A True Hybrid Mixer

LIVE • HOUSE OF WORSHIP • BROADCAST LIVE STREAMING • STUDIO

High-quality MIC Preamp **TASCAM Ultra-HDDA**	XLR MIC Inputs **x 10**	TRS Balanced LINE Inputs **x 12**	INST Inputs **x 2**	RCA Stereo LINE Mini Inputs **x 2**
Phantom Power **+48V** for All XLR inputs	24bit/48kHz Multi-track REC **16 tr**	**Bluetooth® Input**	USB In/Out **16 IN / 14 OUT**	AUX Outputs **x 3**

Model 16
All-in-One MIXING STUDIO

ASIO Bluetooth SD XC Ultra HDDA MIC PREAMP

An all-in-one analog mixer, multi-track digital recorder and audio interface

The Model 16 all-in-one mixer brings the flagship Model 24's powerful recording and mixing features and functionality to a new level of compactness and affordability, creating a full-featured small format mixer that combines the warmth of analog with a digital workflow. The Model 16 is the perfect mixing solution for small format live performance, recording and production environments, featuring a multi-track recorder, USB audio interface, effects, comprehensive mixing and routing capabilities, and Bluetooth wireless.

Main Features

- ● MIC Input (XLR terminals support +48V Phantom Power) — **10 IN**
- ● MIXER Inputs (XLR x 10, Mono TRS x 8, Stereo TRS x 2) — **14 IN**
- ● TASCAM Ultra-HDDA Mic preamp supporting EIN –127dBu — **8 ch**
- ● Simultaneous Multi-track REC supporting 24-bit/48kHz — **16 tr**
- ● Punch-in/Punch-out — **8 tr (max.)**
- ● Built-in USB Audio Interface to send/receive audio data to/from DAW — **16 IN 14 OUT**
- ● 1-knob Compressor on Mono Input channel — **CH1 to CH8**
- ● Over-load signal LED — **CH1 to CH12**
- ● Mid-parametric EQ w/ sweepable mid-range frequency — **CH1 to CH8**
- ● 100Hz Low Cut Filter — **CH1 to CH12**
- ● Input Mode switch — **LIVE** | **PC** | **MTR**
- ● 4-band EQ (Main/Sub switch on Master Out) — **Hi shelving** | **MID WIDE** | **MID NARROW** | **Lo shelving**
- ● AUX/FX Output types — **AUX1 (pre)** | **AUX2 (pre/post)** | **FX (post)**
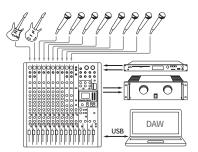
16 Editable Multi-Effects

The Model 16's versatile Effects Section offers 16 editable and foot-controllable multi-effects, including reverb, delay, chorus and flange.

Specifications

Analog audio inputs

MIC:	1-8, 9/10, 11/12 (Balanced, XLR-3-31 equivalent)
LINE:	1-12 (Balanced, 1/4" TRS jack)
INST:	1-2 (Unbalanced, 1/4" TRS jack)
INSERT:	1-2 (Unbalanced, 1/4" TRS jack)
RCA:	13/14 (Unbalanced, RCA pin jack)
STEREO:	13/14 (Unbalanced, 1/8" Stereo Mini jack)

Analog audio outputs

MAIN:	x 1 pair (Balanced, XLR-3-32)
SUB/MONITOR/FX/CR:	x 1 pair each (Balanced, 1/4" TRS jack)
PHONES:	x 1 (1/4" Stereo jack)

USB Audio

Connector:	USB Type-B (USB2.0 High-speed)
Supported Formats:	16/24-bit, 44.1k/48kHz
Maximum Inputs Number:	16 Inputs, 14 Outputs

Recorder

Supported Media:	SD, SDHC, SDXC (max. 512GB) [*1]
Supported File System:	FAT16 [*2], FAT32 [*3], exFAT [*4]
Recording/Plaback Format:	WAV (BWF), 16/24-bit, 44.1H/48kHz
Recording Tracks:	Max. 16 tracks (14 Input channel + 2 Stereo Mix)

Bluetooth®:	Version 5.0
Operating power:	AC 100V to 240V, 50/60Hz
Power comsumption:	40W
Overall dimensions (WxHxD):	430 x 112.9 x 463 mm (including protrusions)
Weight:	7.0kg

Audio Performance

Residual Output Noise:	–100dBu or less (Main Output, Main fader at minimum position)
Mic Preamp EIN[*5]:	–127dBu or less (Mono Input, Rs: 150 ohms, Gain: Max.)
Frequency response:	20Hz to 30kHz (+0.5dB / –1.0dB: Analog)
	20Hz to 20kHz (+0.5dB / –1.0dB: Digital)
Distortion (MIC to Main Out):	0.01% or less (+10dB Maximum input level, 1kHz, Minimum gain)
	0.004% or less (+4dBu Rated input level, 1kHz, Minimum gain)
Cross Talk (channel In/Out):	–80dB

*1 Requires Class 10 or higher *2 SD card *3 SDHC card *4 SDXC card *5 Equivalent Input Noise

Accessories

- ● **RC-1F** Foot Switch
- ● **AK-RM16** Rack Mount Kit
- ● **AK-DC16** Dust Cover

Authorized Distributors

TASCAM®