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Product Information

Professional Digital DJ Mixer X-9

The TASCAM X-9 is a versatile tool for serious DJs which combines a highly flexible 4-channel mixer with a dual effects processor and a dual sampler. The result is a creative powerhouse that helps to add originality and inspiration for every mix.

Designed specifically for high-end creative DJs, the X-9's control surface is laid out to combine ultra-high performance and intuitive ease of use. Its multitude of analog and digital inputs allows for incredible flexibility for interfacing with a wide variety of DJ gear such as vinyl turntables, dual CD decks, external effects devices and other audio tools.

To achieve the ultimate in creative control of your mixes, the X-9 includes a wide variety of high-quality built-in effects. You can add reverb, delay, echo, flanging, auto panning, fuzz, a low-fi filter, pitch control, a transformer effect and a low pass filter to any audio signal that passes through the X-9, with 30 memories to store your settings for later use. The X-9 also features parametric EQ – an essential control feature for exciting custom mixes. All EQ settings are also storable and recallable. Also, using the X-9's sampling function, you can select a sampling source from Input 1 through 4, from the master output, the microphone input, or both sides of the crossfader. Along with its customizable fader start function, which can be assigned to several controllers on the mixer, the X-9 offers all the features you ever wanted in a DJ mix – and a few you never knew you needed until now.

Whether you're combining it with TASCAM's CD-302 Dual CD Decks or any other audio playback tool, the X-9 represents a giant leap forward in setting the standard for DJ mixing in the 21st century.

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Main features

Inputs/PGM

- 4 switchable line and phono inputs
- 4 stereo channels (PGM 1–4)
- 3-band full parametric EQ (-40dB to +12dB gain) on each PGM, up to 100 EQ patterns storable
- Balance control on each PGM
- Flexible input selection: Input 1 switchable to PGM 1 and PGM 4 in parallel, Input 2 switchable to PGM 2 and 3 in parallel, enables DJ to mix same signal with different EQ or effect settings
- 2 coaxial digital inputs on inputs 1 and 2
- 1 separate XLR balanced microphone input with 2-band EQ (analogue) and TALK OVER function (reduces all other signals by 20dB)

Faders

- 45mm faders (PGM, MASTER, CROSS)
- 3-stage adjustable PGM fader curve
- PGM fader reverse function
- Adjustable Cross Fader curve
- Cross Fader reverse function
- Low/Mid/High cut (-40dB) switches on both Cross Fader sides

Output/Monitor

- Balanced XLR master output (with attenuator)
- Unbalanced RCA master output (with attenuator, pre/post selectable)
- Coaxial digital master output (pre/post selectable)
- Balance control on master output
- 3-stage adjustable EQ (selection of HI/LO/HI & LO boost/Off in the menu)
- Balance control between cue and post master fader signals

- Stereo/Mono Split function assigns mono cue signal to left channel and master signals (post fader) to right channel
- Booth output for pre-listening monitor (fixed pre master fader)
- Headphone outputs on front and top panels

Effector and Sampler

- 2 built-in digital effectors (reverb, delay, echo, flanger, auto pan, pitch control, transformer, low pass filter); Effect 1 assignable to MIC, PGM1, PGM3, Sampler 1; Effect 2 assignable to PGM2, PGM4, MASTER, Sampler 2
- Up to 30 effect patterns storable
- 2 built-in samplers (8 sec sampling time each) with ±100% pitch control and level control; Sampler 1 assignable to MIC, PGM 1, or PGM 3; Sampler 2 assignable to PGM 2, PGM 4, or MASTER; Single, Reverse, Loop, and Reverse Loop functions

Others

- 24-bit A/D and D/A converters
- Fader Start function with individual start switches on PGM 1–4 (4 separate fader start connectors) and Cross Fader (assignable to fader start connector 1–4 or sampler)
- 1 assignable stereo send/return for external effect device; assignable to MIC, PGM 1–4, or MASTER; switchable on/off
- 2 assignable foot switches for built-in effect (on/off), built-in sampler (start/stop) or Cross Fader (A side/B side)
- Cue function for Mic, PGM 1–4, samplers (pre fader fixed), and master (post fader fixed)
- 15 dots level meter on each PGM and master (release and peak hold time adjustable)

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Specifications
Analogue input and output terminals

LINE IN (PGM1-4)	RCA jack, unbalanced (x2)
Minimum input level	-16dBV
Input impedance	47kohm
PHONO IN (PGM1-4)	RCA jack, unbalanced (x2)
Minimum input level	-54dBV
Input impedance	47kohm
MIC IN	XLR, balanced
Minimum input level	-60dBV
Input impedance	2.7kohm
MASTER OUT (BALANCED)	XLR, balanced (x2)
Nominal output level	+4dBu
Output impedance	75ohm
Attenuation level	0–30dB
MASTER OUT (UNBALANCED)	RCA jack, unbalanced (x2)
Nominal output level	-10dBV
Output impedance	1kohm
Attenuation level	0–30dB
BOOTH OUT	RCA jack, unbalanced (x2)
Nominal output level	-10dBV
Output impedance	1kohm
SEND (L, R)	1/4" phone jack, unbalanced (x2)
Nominal output level	-10dBV
Output impedance	1kohm
RETURN (L, R)	1/4" phone jack, unbalanced (x2)
Nominal input level	-10dBV
Input impedance	22kohm
PHONES	1/4" stereo phone jack
Output power	30mW+30mW, load impedance at 32ohm

Digital input and output terminals

DIGITAL IN (1, 2)	Coaxial (x2)
Format	Conforms to IEC60958 TYPE I/II (auto detect)
DIGITAL OUT	Coaxial
Format	IEC60958 TYPE II (SPDIF)

Equalisers

EQ (PGM1–4)	
HIGH	6KHz to 20KHz, -40 to +12dB
MID	200Hz to 6KHz, -40 to +12dB
LOW	20Hz to 200Hz, -40 to +12dB
EQ (MIC)	
HIGH	10KHz, -12 to +12dB
LOW	100Hz, -12 to +12dB

Effectors

REVERB, DELAY, ECHO	
Level	0 to 100
Time	0 to 3,500 ms

FLANGER, AUTO PAN, TRANSFORM, LOW PASS FILTER

Level	0 to 100
Time	10 to 16,000 ms
PITCH CONTROL	±100%
LIBRARY	Up to 30 patterns storable for each effect

General

Frequency Response	
LINE IN	20Hz to 20KHz, ±2.0dB
PHONO IN	20Hz to 20KHz, ±2.0dB
MIC IN	20Hz to 20KHz, ±2.0dB
Signal to Noise Ratio	
LINE IN	85dB (IHF A WTD)
PHONO IN	77dB (IHF A WTD)
MIC IN	69dB (IHF A WTD)
Total Harmonic Distortion	
LINE IN	>0.02%
PHONO IN	>0.02%
MIC IN	>0.02%
Crosstalk	<70dB (@1KHz)

Power supply and other specifications

Power requirements	120VAC/60Hz, 230VAC/50Hz
Power consumption	42W
Dimensions (W x D x H)	320 x 354 x 87mm
Weight	7.0kg

Professional Digital DJ Mixer X-9   Design and specifications subject to change without notice.

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