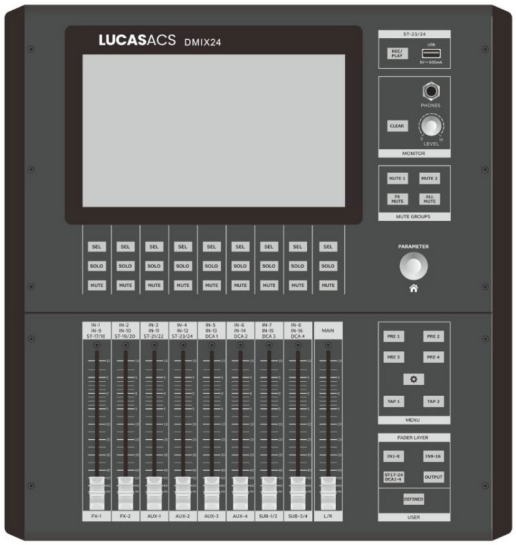
DMIX 24

24 CHANNEL DIGITAL MIXER



Features

Introducing the LUCASACS DMIX24 mixers ,24-Channel Mixer with LCD — Precision mixing with 24 inputs, pro-grade DSP, and a 9" HD touchscreen. Power, clarity, and control at your fingertips.

- 24 channel inputs including: 16 microphone inputs
- 8 stereo inputs, and stereo digital inputs
- 2 stereo main outputs, 4 SUB group outputs
- 4 AUX auxiliary outputs
- 2 stereo monitoring outputs,
- 2 stereo digital outputs (USB sound card, USB recording).
- Dual-track USB sound card recording and playback.

Technical Specifications

Hardware Indexes:	
Input channel	24 channel inputs include: 16 microphone inputs, 8 stereo inputs, and stereo digital inputs (UBS sound card, UBS flash disk playback, Bluetooth playback).
Output channel	2 stereo main outputs, 4 SUB group outputs, 4 AUX auxiliary outputs, 2 stereo monitoring outputs, 2 stereo digital outputs (UBS sound card, UBS recording).
Recording interface	Dual-track UBS sound card recording and playback Dual-track UBS flash disk audio playback and storage
Input gain:	Microphone/line gain: 0dB+50.0dB; line gain: -80dB to +10dB
Input and output impedance	Microphone input: 2KΩ; line input:10KΩ; output:100Ω
System:	32-bit SHARC DSP chip processing, 96kHz sampling rate, 24-bit AD/DA conversion
Frequency response	20Hz~20kHz: +/-0.5
Total harmonic distortion plus noise:	-20dBFS@ 1kHz:<0.01%
Noise:	Noise level (20/20k bandpass): -85dBFS
Input and output level	Maximum input and output 20dB
Dynamic range	>-105dB
Crosstalk:	Inter-channel isolation (1k): -83dB
Phase difference:	Inter-channel phase difference (+4dB 1k): <0.5°
Delay:	<3ms
UBS:	Maximum current: 500mA
Screen:	9-inch HD IPS 1024x600 display
Phantom power:	Positive 48V software control management
Power consumption	<35W (typical value)
Power supply:	AC input voltage range: 100~240V, AC automatic induction, AC frequency: 50~60Hz
Operating condition:	Temperature range: -20ºC to 55ºC

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