DM332

Digital Mixing Console

Description

This professional-grade digital mixer console, developed domestically, features high-quality microphone preamps with wide dynamic range, low noise, and high signal-to-noise ratio. Based on the Linux operating system, it offers strong protection against viruses and ensures safer, more stable performance. Powered by an upgraded 8-core CPU with a 1.8 GHz main frequency, it supports ultra-fast startup within 17 seconds and delivers faster, more stable operation.

The system adopts the Linux OS with Chinese display for secure, stable, and responsive performance. It features motorized faders, a large touch display, a built-in sound card, MP3 recording and playback, noise gate, EQ, compressor, high/low-pass filters, automatic mixing, independent feedback suppression, and RTA real-time spectrum analysis. It also supports quick scene recall, one-touch operation, and control via RS232, TCP, PC software, or mobile wireless network, offering flexible and efficient management.

Widely used in live events, conference rooms, auditoriums, and schools, this mixer is designed for intuitive operation, allowing users to quickly get started and enjoy the convenience of digital mixing.

Features

- Equipped with 33 TFT LCD channel displays with customizable names and background colors (supports Chinese display).
- Linked MIC input channels for paired (odd/even or A/B) adjustment.
- +48V phantom power independently switchable per MIC channel, savable to scenes.
- Each input channel includes compressor, noise gate, high/low-pass filters, 5-band parametric EQ, delay, and pan control.
- 33 fully motorized 100mm faders with A/B dual-layer switching.
- 8 customizable function keys, 8 DCA groups, and 8 mute groups.
- Independent feedback suppressor for each of the 32 channels.
- Built-in signal generator (pink noise, sine wave, white noise), routable to any output channel(s).
- Built-in RTA real-time spectrum analyzer (color adjustable) and integrated automatic mixing function.
- Built-in sound card supporting direct playback and recording from mobile phones, iPad, MP3, and PC.
- 4 quick scene recall modes, 100 scene memories, user-defined scene names (supports Chinese input), and seamless switching without audio interruption.
- Two built-in independent DSP effects processors with multiple preset modes.
- One-click factory reset function.
- Supports RS232/TCP central control, with open protocol for integration.
- 10.1-inch 1280×800 high-definition capacitive touch screen for intuitive operation.

Specifications

Model	DM332
Full Processing I/O	Supports 76 input and 36 output channels
Local Input / Output	Inputs: 42 channels (38 analog + 4 digital): • 32 MIC/Line inputs; • 2 stereo 3.5mm RCA inputs (4 channels); • 1 stereo 3.5mm headphone input (2 channels); • 2 stereo digital inputs (sound card, MP3, AES; 4 channels); Outputs: 20 channels: • Main L/R output; • 14 AUX outputs (AUX1–AUX14); • 1 stereo headphone monitoring output; • AES output
Signal Expansion	Connect up to 2 stage boxes; supports 32×32 network audio and multitrack recording
Display	33-channel TFT screen with customizable names and colors (Chinese supported)
Linked Channels	Linked adjustment for odd/even or A/B channels
Phantom Power	+48V per MIC channel, individually switchable and savable
Channel Processing	Compressor, gate, HP/LP filters, 5-band EQ, delay, pan
Faders	33 motorized 100mm faders (A/B layers)
Groups	8 user keys, 8 DCA groups, 8 mute groups
Feedback Suppression	32-channel independent management
Signal Generator	Pink/white noise or sine wave; routable to any output
RTA & Auto Mixing	Built-in real-time spectrum (Editable color) and auto mixing
Built-in Sound Card	For playback and recording via phone, iPad, MP3, or PC
Scene Mangement	4 quick recall modes, 100 scene memories with seamless switching

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DSP Effects	Dual DSP processors with preset effect modes
Factory Reset	One-click factory reset
Control Interface	RS232/TCP control with open protocol
Touch Screen	10.1" 1280×800 HD capacitive touchscreen

The specifications will be subject to change without prior notice.