

18-channel Digital Mixer

DMC-18

INTRODUCTION

It adopts a 7-inch main control capacitive touch screen, a physical light touch switch with lights, and an intelligent high-precision electric fader to experience a smooth feel, and the user graphical operation interface combined with hardware physical buttons makes the operation more intuitive and fast. It has 12 channels of MIC/LINE input, each channel has independent phantom power supply, additional stereo input channels and multimedia application interfaces and functions such as USB sound card, U disk recording and broadcasting, Bluetooth playback, etc., so that the multimedia system application of the mixer is more closely integrated. The user-friendly routing settings page, the channel fader page turning design, and the intuitive display of Chinese and English display logos make it quick and easy for tuners to use.



FEATURES

- 7-inch main control capacitive touch screen, which can switch between Chinese and English display;
- 9 high-precision motorized faders with 100mm stroke;
- 9 x 1.44-inch color TFT displays, displaying channel names and channel parameter information, supporting Chinese and English;
- 12 MIC/LINE inputs, support 48V phantom power supply, two sets of stereo inputs;
- Support U disk recording and playback (stereo), Bluetooth playback;
- The player can support MP3/AAC/WAV/AIFF/APE/FL AC and other formats;
- L/R main output, 8 AUX outputs, 1 stereo monitor;
- It has 8 DCA group controls, 8 silent groups;
- Built-in two sets of effect effects;

DMC-18

- The MIC/LINE input channel adopts a high-dynamic, low-distortion preamp and a fully numerical control 63-level analog gain;
- The MIC/LINE input channels are: 48V phantom power supply, polarity switching, noise gate, voltage limiter, four-band parametric frequency equalization (with low-bay filter), high-pass filter, low-pass filter;
- The MIC/LINE input channel can be automatically mixed, and intelligent algorithms for weight allocation and gain sharing are used.
- All output channels are available, delay, diagram frequency equalizer, four-band parametric equalizer, high-pass filter, low-pass filter, voltage limiter;
- 3 user-defined buttons for quick scene switching;
- User-friendly and powerful routing setting function, whether on the input channel page or on the routing setting page, you can quickly route and assign volume;
- Support IPAD, central control (IP network) remote control;
- Built-in WiFi adapter for connecting the mixer and mobile devices, providing wireless WiFi hotspot, IOS Apple iPad or Android tablet can wirelessly connect to the mixer for remote control;
- IP-based HTML5 web version of the equipment system management platform, which can be set up and upgraded through a computer or smart phone;
- The "pop" sound of the switch is automatically eliminated, and there is no annoying switch impact sound;

Equipment specifications

Project	Parameter
Analog gain	MIC/LINE input -10dB~+52dB, stereo input 0~+15dB
Input impedance	6.8 k Ω (MIC/LINE) , 20.6k Ω (stereo)
Maximum input level	+24dBu (MIC/LINE) , +5dBu (stereo)
Equivalent input noise	-125dBu typical
Total harmonic distortion	$\leq 0.009\%$ @+4dBu,1kHz
Signal-to-noise ratio	≥ 95 dB,A weighted
Frequency response	20Hz-20kHz(± 0.1 dB)@4dBu
Channel crosstalk	-110dB (MIC/LINE input)
Redundant output noise	-90dBu, A weighted
Maximum output level	+18dBuBalanced Output (Main Output)
Operating voltage	AC100-240V , 50Hz/60Hz
Operating temperature	0-40 $^{\circ}$ C
Dimensions (DxWxH)	553mmx465mmx206mm
Weight	9.5 kg