HIPPO DM16R
Digital Mixing Console

Product Introduction

The digital mixing console effectively integrates the digital mixing system with innovative design and powerful Chinese made DSP, adopting a new concept of integrating modern digital and traditional operation, bringing users a very professional function experience. Its simple operation interface and professional mixing effects are capable of performing outstandingly on a professional performance, as well as fully meeting the needs of inexperienced individual users to provide powerful effects.

With powerful processing capabilities and advanced features, for the convenience and speed brought about by the design of the software operation process, you can quickly tune the mixing interface. Convenient and quick operating experience, so that everyone can enjoy the convenience and powerful features of the digital mixer.

Functions

✧ 16-way analog input, 2 X 2 USB audio card, RS232 interface, USB interface for recording and playback, 8 output channel, low background noise, multi-function parameters adjustable;

✧ Professional-grade Allwinner ARM + DSP domestic chip, based on professional audio

processing, with extremely high cost-effective;

✧ 7-inch 1024x600 resolution high-definition capacitive touch screen, full-featured operation control mixer;

✧ Independent effector motorized fader, perfect level light design;

✧ Built-in USB recording, playback function, support for APE, FLAC, MP3, WAV and other audio formats; built-in 4G storage space, you can upload audio files into the machine playback;

✧ Input channel: Compressor, Noise Gate, Equalizer;

✧ Output channel: Equalizer, Limiter, Acoustic Feedback Canceler;

✧ Professional Reverb effector, Delayer;

✧ Support scene presets, can be imported into the USB storage, easy to backup call;

✧ Built-in: Sine wave, pink noise, white noise signal generator;

✧ Unique Link connection function for adjacent channel binding settings;

✧ Channel name customization;

✧ Cross-platform development platform, support for Windows, Linux, macOS, Android, iOS mainstream operating system full-featured control software.

Specification

Screen	7-inch high-definition touch screen, 1024 x 600 resolution
Inputs	16 analog input channels, 2 X 2 USB audio card, USB for recording and playback
Outputs	8 channel outputs; 2 channels of USB recording;
THD & Noise	< 0.003% @ 4dBu A+Weight
Frequency Response(20~20KHz)	20Hz ~ 20K Hz ,±0.2dB
Sampling Rate	48KHz
Quantization Bits	24bit

Background Noise	-90dBu ,A+Weight
Max. Level (Input)	+20dBu,Balanced
Max. Level (Output)	+20dBu,Balanced
Phantom Power	48V
A/D Dynamic Range	110dB
D/A Dynamic Range	114dB
Input to Output Dynamic Range	108dB
Input Impedance (Balanced)	2KΩ
Output Impedance (Balanced)	100Ω
Channel Isolation	70dB @1kHz
Common Mode Rejection Ratio	65dB
Operating Temperature	0℃-55℃
Power Supply	DC 19V/2A
Power Consumption	30W
Device Dimensions	410×250.4×69mm
Weight	2.7KG
Package Dimensions	590×340×110mm
Packing Weight	3.1KG