

HIPPO D1608

Digital Mixer



Product Introduction

This digital mixer effectively integrates digital mixing systems with innovative design and powerful DSP functions. It adopts a new concept that combines modern digital technology with traditional operation, offering users a highly professional functional experience. Its compact size, simple operation interface, and professional mixing effects deliver outstanding performance in professional shows, while also providing powerful features that fully satisfy less experienced individual users.

The mixer boasts strong processing power and advanced features. The software operation process is designed for convenience and speed, allowing you to quickly adjust the mixing interface. This convenient and fast operation ensures that everyone can enjoy the ease of use and powerful capabilities of the digital mixer.

Product Features

- 16 inputs (8 balanced XLR/TRS digital gain channels, 2 sets (4 channels) of stereo inputs, 2 high-resistance mono inputs, 2 USB playback channels);
- Extremely low distortion and ultra-low noise floor, versatile parameter adjustability, and good consistency due to digital gain to effectively prevent misuse;
- 7-inch high-definition touch screen, friendly software interface, clarity navigation design;
- The operating panel consisting of a digital encoder and dedicated keys enables all settings to be made quickly and easily;

- 5 built-in effects for singing and performing, the built-in effects can simplify the system wiring; the device comes with classic reverb, chorus, modulation and other effect modules; FX effects can be used to return to the mix using a dedicated return channel and does not occupy the mono and stereo input channels;
- Scene storage is different from the analog mixer is one of the most practical and significant features, can store 100 complete scenes, all the scenes can be exported to an external storage device for storage backup, in order to later call at any time.

Functions

- ✧ 16 inputs, low noise floor, versatile parameter adjustability;
- ✧ The use of high-end audio AD/DA chip makes it have excellent audio indicators, the maximum input and output levels reach 20dBu;
- ✧ Built-in USB recording and playback function, support APE, FLAC, MP3, WAV and other audio formats; built-in 4G storage space, you can upload audio files into the machine to play;
- ✧ 8-channel DCA grouping, 8-channel mute grouping, inputs and outputs, effects channels can be programmed;
- ✧ Each input channel has a 4-band parametric equalizer, compressor, noise gate, phase, and delay;
- ✧ Each output channel has a 6-band parametric equalizer, 31-band graphic equalizer, high and low pass filters, voltage limiter, and time delay;
- ✧ Built-in adaptive trap feedback suppression algorithm;
- ✧ 5 effect types: mono delay, stereo delay, chorus, reverb, pitch shift; 4 effect channels;
- ✧ Dual-machine hot backup synchronizes data in real time over the network;
- ✧ Unique LOCK key to hold live scene data or prevent misuse;
- ✧ 7-inch 1024x600 resolution high-definition capacitive touch screen, full-function operation control mixer;
- ✧ Supports 30-255 groups of scene presets, which can be imported into USB storage for easy backup recall;
- ✧ 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	8 balanced XLR/TRS combo digital gain microphone channels; 2 sets (4 channels) of TRS6.35mm, stereo input channels; 2-way TRS6.35mm high-resistance mono input channels; 2-way USB playback channels;
Outputs	2 channels of L, R XLR Main bus outputs; 4 XLR AUX output channels; 1 set (2-way) TRS 6.35mm, stereo monitoring channels; 2-way USB recording channels;
THD & Noise	< 0.003% @ 4dBu A+ C
Frequency Response(20~20KHz)	20Hz ~ 20K Hz ,±0.2dB
Sampling Rate	48K
Quantized Bits	24bit
Signal-to-Noise Ratio	108dB
Background Noise	-90dBu,A+ C
Max. Level (Input)	+20dBu,Balance
Max. Level (Output)	+20dBu,Balance
Phantom Power	48V

A/D Dynamic Range	110dB
D/A Dynamic Range	110dB
Input to Output Dynamic Range	108dB
Input Impedance (Balanced)	2K Ω
Output Impedance (Balanced)	100 Ω
Channel Isolation	70dB @1KHz
Common Mode Rejection Ratio	-60dBu Type
Operating Temperature	0 $^{\circ}$ C-55 $^{\circ}$ C
Operating Power	DC 19V/2A
Power Consumption	30W
Body Dimensions	410 \times 250.4 \times 69mm
Weight	2.7KG
Package Size	590 \times 340 \times 110mm
Packing Weight	3.1KG