

# HIPPO D2412

## Digital Mixing Console



### Product Introduction

The digital mixer effectively integrates digital mixing systems with innovative design and powerful DSP functions, adopting a new concept of integrating modern digital and traditional operation, bringing users a very professional function experience. Simple operation interface, professional mixing effect, both in a professional performance on the ability to play excellent, but also fully meet the inexperienced individual users to provide powerful results.

The digital mixer has a strong processing power 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 fast operation experience, so that everyone can enjoy the convenience and powerful functions of the digital mixer.

### Product Features

- Rich audio interface: 20 inputs (12 balanced XLR/TRS combination digital gain microphone channels, 4 TRS 6.35mm stereo input channels, 2 USB playback channels), 2 S/PDIF digital signal input channels: coaxial digital input & optical digital input, 16 USB sound card input channels;
- Extremely low distortion and ultra-low noise floor, versatile parameter adjustability, and good consistency due to digital gain to effectively prevent misuse;

- Stereo SPDIF IN/OUT (coaxial and optical digital interface), AES/EBU OUT digital interface;
- 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 255 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

- ✧ 20 inputs: 12 mic analog inputs, 4 stereo inputs, 2 USB playback channels, stereo SPDIF IN/OUT, AES/EBU OUT digital interface, low noise floor, multi-functional parameters adjustable;
- ✧ The use of high-end audio AD/DA chip makes it have excellent audio indicators, the maximum input and output levels reach 22dBu;
- ✧ XMOS professional sound design program, 16X16 multi-track recording and playback USB sound card;
- ✧ 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 for local playback;
- ✧ 8-channel DCA grouping, 8-channel mute grouping, inputs and outputs, effects channels can be programmed;
- ✧ Each input channel has a 6-band parametric equalizer, compressor, noise gate, polarity, and delay;
- ✧ Each output channel has an 8-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;
- ✧ Input and output motorized fader separation, perfect LED level light design;
- ✧ 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	<p>12 balanced XLR/TRS combo digital gain microphone channels;</p> <p>4 TRS 6.35mm stereo input channels;</p> <p>2 S/PDIF digital signal input channels: coaxial digital input &amp; optical digital input;</p> <p>2 USB playback channels;</p> <p>16 USB sound card input channels;</p>
Outputs	<p>2 channels of L, R XLR Main bus outputs;</p> <p>4 XLR AUX output channels;</p> <p>2 LR XLR monitor channels;</p> <p>1 set (2 channels) of TRS 6.35mm, stereo monitor channels;</p> <p>2 S/PDIF digital signal output channels: coaxial digital output &amp; optical fiber digital output;</p> <p>1 set (2 channels) of AES/EBU digital signal stereo output channels;</p>

	2 USB recording channels; 16 USB sound card output channels;
THD & Noise	< 0.003% @ 4dBu A+C
Frequency Response(20~20KHz)	20Hz ~ 20K Hz ,±0.2dB
Sampling Rate	48k
Quantization Bits	24bit
Signal-to-Noise Ratio	110dB
Background Noise	-92dBu ,A+C
Max. Level (Input)	+22dBu,Balance
Max. Level (Output)	+22dBu,Balance
Phantom Power	48V
A/D Dynamic Range	114dB
D/A Dynamic Range	114dB
Input to Output Dynamic Range	110dB
Input Impedance (Balanced)	2.4KΩ
Output Impedance (Balanced)	100Ω
Channel Isolation	70dB @1kHz
Common Mode Rejection Ratio	-60dB Type
Operating Temperature	0°C-55°C
Operating Power	AC100V/220V,50Hz/60Hz
Power Consumption	35W
Body Dimensions	504.9×416×145.7mm
Weight	9.15KG

Package Size	576x496x219mm
Packing Weight	10.1KG