

CM1608 Portable Digital Mixer



Description

The CM1608 Portable 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. Its compact size, simple operation interface, and professional mixing effects are capable of performing outstandingly on a professional show, as well as providing powerful effects to fully satisfy inexperienced individual users.

The Portable Digital Mixer has a strong processing power and advanced features, for the convenience and speed of the software operation process design, you can quickly tune the mixing interface. Convenient and fast operation experience, so that everyone can enjoy the convenience and powerful functions of the Portable Digital Mixer.

Features

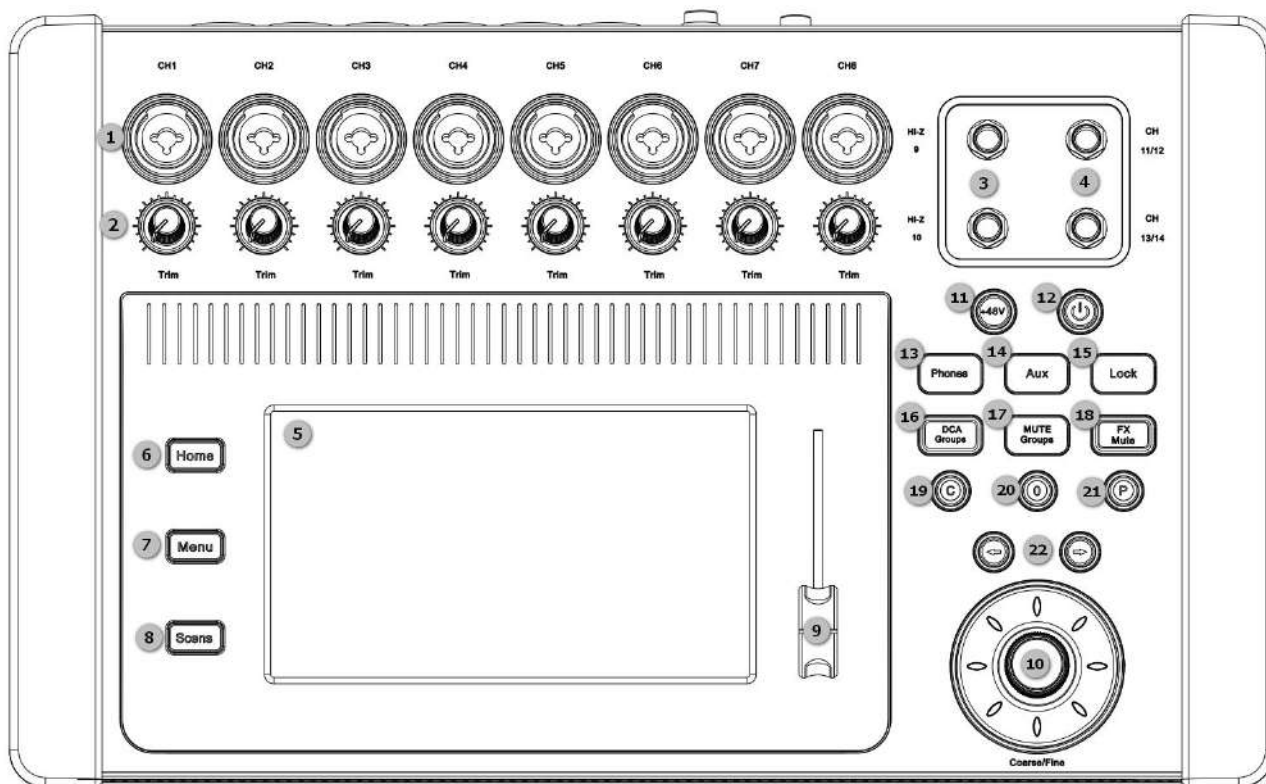
- 16 inputs (8 balanced XLR/TRS digital gain channels, 2 sets (4 channels) of stereo inputs, 2 high-resistance mono inputs, 2 USB playback channels);
- Extremely low distortion and ultra-low noise floor, versatile parameter adjustability, and good consistency due to digital gain to effectively prevent 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;

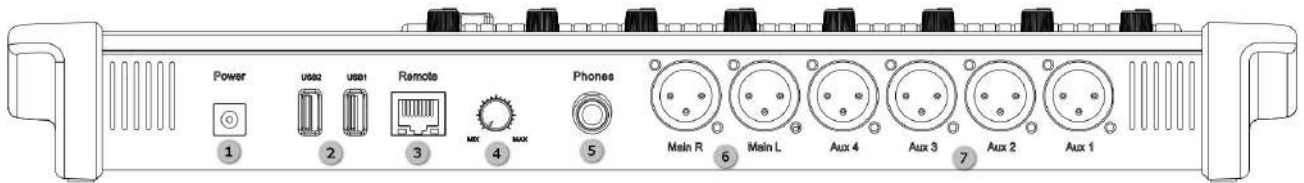
- Scene storage is different from the analog mixer is one of the most practical and significant features, can store 100 complete scenes, all the scenes can be exported to an external storage device for storage backup, in order to later call at any time.

Specifications

Model	CM1608
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	48KHz
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)	2KΩ
Output Impedance (Balanced)	100Ω
Channel Isolation	70dB @1KHz
Common Mode Rejection Ratio	-60dBu Type
Operating Temperature	0℃-55℃
Operating Power	DC 19V/2A
Power Consumption	30W
Dimension	410×250.4×69mm
Weight	2.7KG
Package Size	590x340×110mm
Packing Weight	3.1KG



- ① CH1-CH8: Balanced XLR/TRS combination mono input jacks;
- ② Trim knob: Channels 1-8 to adjust analog input signal level before analog-to-digital conversion;
- ③ HI-Z 9-10: High resistance mono channels for instrument input;
- ④ CH11-CH14: TRS stereo input interface;
- ⑤ 7-inch high-definition LCD touch screen;
- ⑥ Home button: Return to the main interface;
- ⑦ Menu button: Enter the display control and system setting interface;
- ⑧ Scene button: To enter the scene preset interface;
- ⑨ FADER: Volume attenuation fader;
- ⑩ Data Wheel: Change the selected value or position can be fine-tuned parameters, and can scroll to view the list;
- ⑪ +48V button: Open the phantom power supply interface, view the status of all channels with the phantom power supply on/off;
- ⑫ Close screen button;
- ⑬ Phones button: Monitor level volume control;
- ⑭ AUX button: Navigates to the AUX overview screen;
- ⑮ Lock button: Operating system interface lock to prevent misuse (default password: 123456);
- ⑯ DCA Groups button: Navigates to the interface where DCA groups can be controlled and edited;
- ⑰ Mute Groups key: Navigates to the interface where mute groupings can be controlled and edited;
- ⑱ FX Mute button: Mute or unmute all effect channels;
- ⑲ C button: Copy button to copy the current channel configuration parameters to other channels, limited to the same type of channel;
- ⑳ 0 button: Resets the current output channel gain value to the default (0 dB);
- ㉑ P button: Paste button, can paste the parameters of the copied channel to the current channel, limited to the same type of channel;
- ㉒ ← → Button: Navigate to the left or right.



- ① Power: Please use the power supply that came with the mixer, do not use other power supplies instead;
- ② USB2.0 (Class A): for connecting USB storage devices and Wi-Fi adapters;
- ③ Remote: Ethernet interface for connecting to PC-based interactive software;
- ④ Trim knob: for adjusting the signal level of the monitoring interface;
- ⑤ Monitor: Stereo TRS interface when the monitor channel is activated the line or headphone output is transferred to this output channel;
- ⑥ Main R/L: balanced XLR male connector;
- ⑦ AUX: Auxiliary outputs 1 to 4 channels, balanced XLR male connector.