

CM1608

16-Input 10-Output Portable Digital Mixing Console



Description

The CM1608 Portable Digital Mixer combines advanced digital mixing technology with an intuitive design and powerful DSP processing. Blending modern digital control with familiar traditional operation, it delivers a professional and user-friendly mixing experience.

Compact and easy to operate, the CM1608 provides professional-grade mixing effects suitable for live performances, events, and studio applications. Its streamlined interface allows even beginners to quickly get started and achieve high-quality sound results.

Equipped with powerful processing capabilities and an optimized software workflow, the mixer enables fast and precise adjustments through a clear mixing interface. The CM1608 offers a smooth, efficient operating experience, allowing users to fully benefit from the convenience and performance of a portable digital mixing solution.

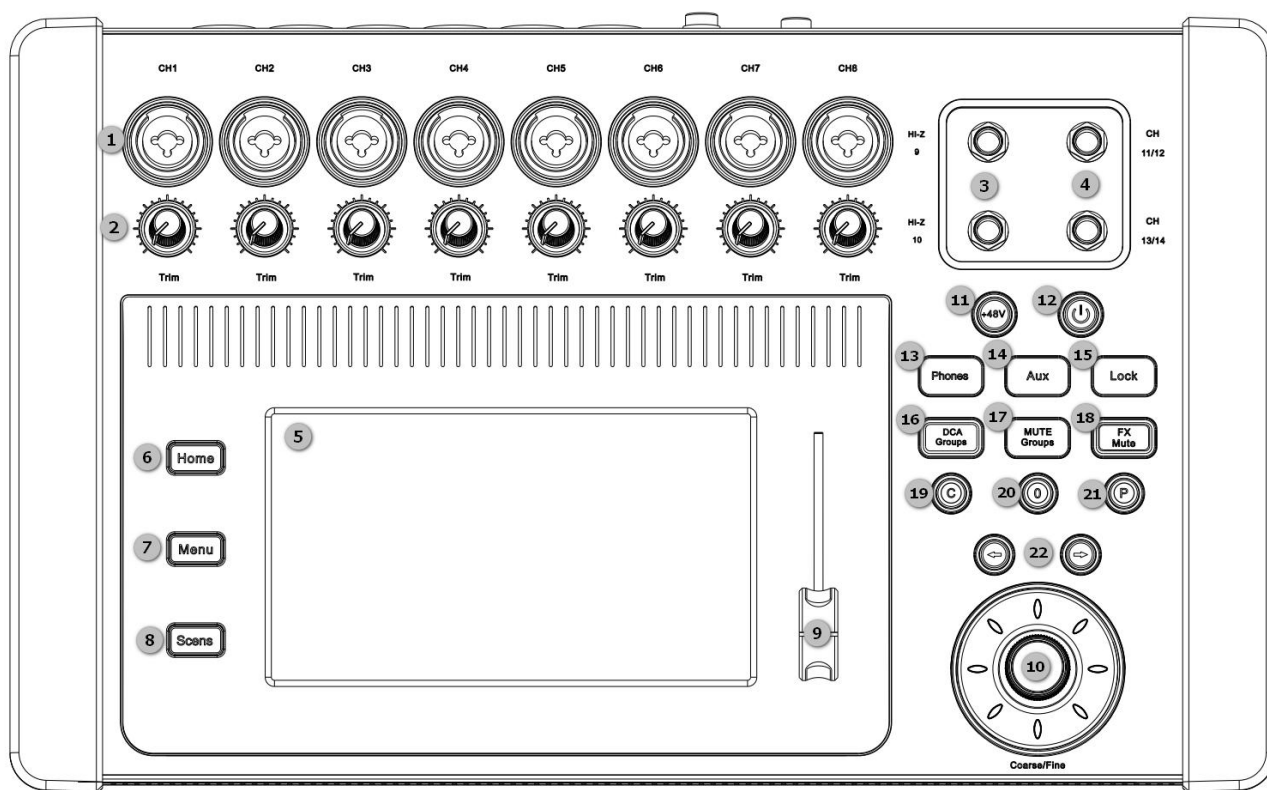
Features

- 16-channel input configuration: 8 balanced XLR/TRS digital gain inputs, 2 stereo input pairs (4 channels), 2 high-impedance mono inputs, and 2 USB playback channels.
- Ultra-low distortion and noise floor, with digital gain control for precise adjustment and improved system consistency.
- 7-inch high-definition touchscreen with intuitive UI and clear navigation for easy operation.
- Digital encoder and dedicated control keys enable fast and efficient parameter adjustments.
- 5 built-in professional effects, including reverb, chorus, and modulation, ideal for live vocals and performances. Effects return through dedicated FX channels without occupying input channels.

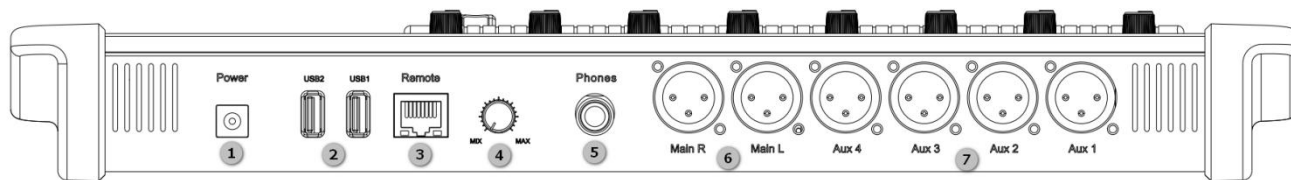
- Scene memory function supports storing up to 100 scenes. All scenes can be exported to external storage for backup and quick recall.

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 stereo TRS 6.35mm input pairs (2 channels per pair, total 4 channels); 2 high-impedance TRS 6.35mm mono input channels; 2 USB playback channels
Outputs	2 XLR main bus output channels (L/R); 4 XLR AUX output channels; 1 stereo TRS 6.35mm monitoring output pair (2 channels); 2 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 fantasy 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.