



# AC-1608

Audio Mixer



# Overview

AC-1608 is a 16 channel analog input audio mixer, mixing with smooth fader and 7-inch LCD touch screen. It's support 4AUX auxiliary output channels and 4 FX effector channels, suitable in a broad range of use .

## Features

- 16 Channels analog input(8 digital gain voice, 4 stereo input, 2 high resistance mono, 2 playback)
- 4 built-in effects, simplify system wiring
- Copy data on the same channel quickly
- Each input channel have 4-band parametric equalizer, including compressor, noise gate, polarity, and delayer
- 8 DCA groups, 8 mute groups, input, auxiliary output, and FX effector channels all can be programmed
- 7-inch high-definition touch screen with 1024x600 resolution
- 4 AUX auxiliary output channels and 4 FX effector channels can select the signal sending position:Pre Fdr、psot-Fdr、 Pre Dyn、 Per All
- Each output channel has 6-band parameter equalization, 31-terminal graphic equalization, high and low pass, compressor, delay, and feedback suppression

## Accessories

- Audio Mixer
- User Manual
- 19V2A DC Power Supply

## Size & Weight

Length	410mm
Width	253.5mm
Height	69mm
Weight	3.4kg

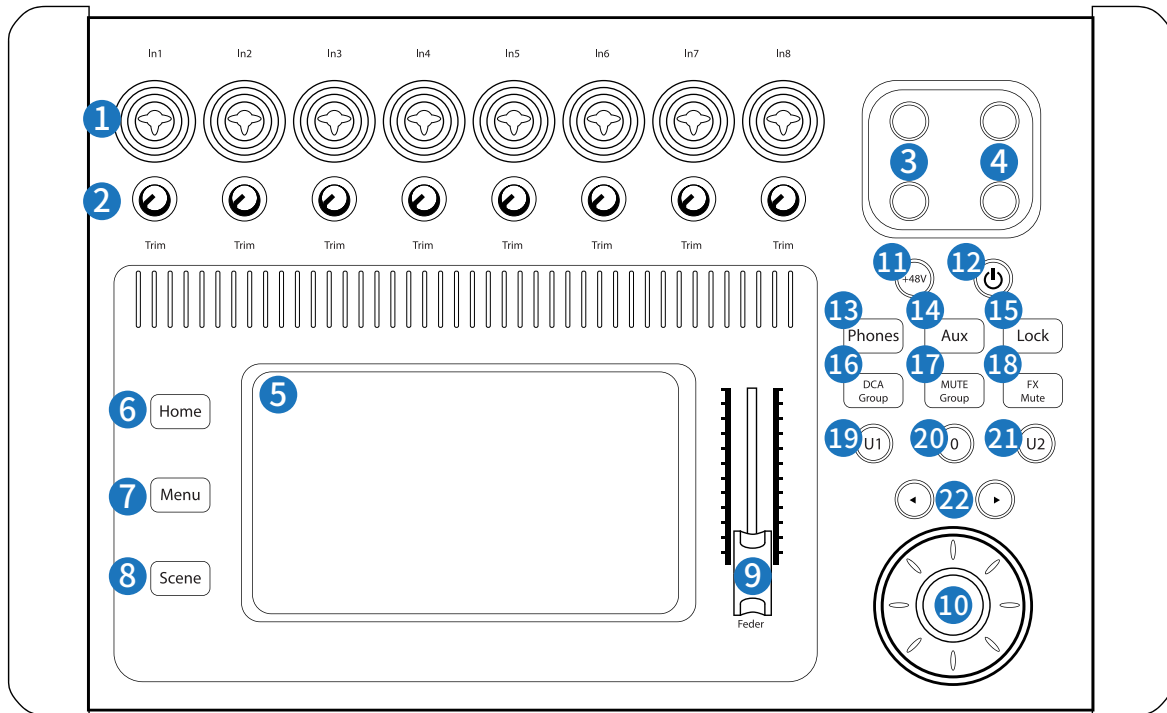


# Specifications

Total Harmonic Distortion+noise	<0.002% @ 10dBu A+A-Weighted
Frequency Response(20~20KHz)	20HZ ~ 20K HZ , $\pm$ 0.2dB
Sampling Frequency	48k
Digitalizing Bit	24bit
SNR	-90dBu
Maximum Level (Input)	+20dBu, Balance
Maximum Level (Output)	+15dBu, Balance
Phantom Power	48V
Modulus/Number Dynamic Range	110dB
Input to Output Dynamic Range	105dB
Input Impedance (Balanced)	10K $\Omega$
Output Impedance (Balanced)	100K $\Omega$
Channel isolation @1kHz	100dB
Operating Temperature	0°C-55°C
Power Supply	19/2A
Power Consumption	20W



# Front Panel

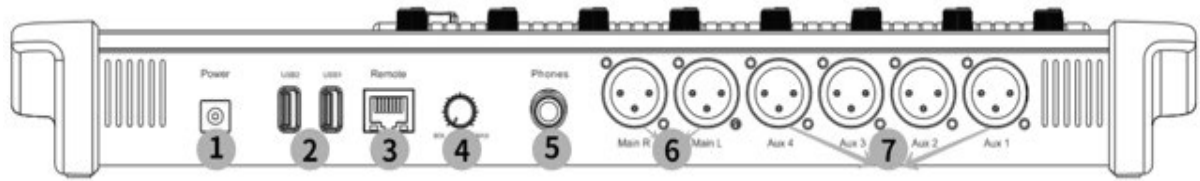


- 1** CH1-CH8      Balanced XLR/TRS combined mono input interface
- 2** Trim Knob      Before the analog-to-digital conversion, channel 1-8 adjust the analog input signal level
- 3** HI-Z 9-10      High-impedance mono channel, suitable for instrument input
- 4** CH11-CH14      TRS stereo input interface
- 5** LCD Touch Screen      7-inch high-definition LCD touch screen
- 6** Home button      Return to the main interface
- 7** Menu button      Enter the display control and system settings interface
- 8** Scene button      Enter the scene preset interface
- 9** FADER      Volume adjustment fader
- 10** Data wheel      Change the selected value or position to fine-tune the parameters, and scroll through the list

- 11 +48V button View the status of all channels on/off the phantom power supply
- 12 I/O button Press to on/off AC-1608
- 13 Monitor button Monitor level volume control
- 14 AUX button Navigate to the AUX overview interface
- 15 Lock button Operating system interface lock, prevent misoperation ( default password:123456)
- 16 DCA Group button Navigate to the interface for controlling and editing DCA groups
- 17 Mute Groups button Navigate to the interface where you can control and edit mute groups
- 18 FX Mute button Mute or unmute all effect channels
- 19 U1 button Copy channel parameter configuration
- 20 0 button Reset the current output channel gain value to the default value (0dB)
- 21 U2 button Paste channel parameter configuration
- 22 Left/ Right button Navigate left or right



# Rear Panel



- 1** Power Supply      Please use the original power supply, do not use other power supplies
- 2** USB 2.0 (Class A)      Connect USB storage devices and WIFI adapters
- 3** Remote      Ethernet interface, used to connect with PC interactive software
- 4** Trim Knob      Adjust the signal level of monitor 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 output 1 to 4 channels, balanced XLR male connector