

## CM208 CM212 CM216 CM224 CM212F

### Professional Mixing Console



Note: The picture uses CM212 as an example.

## Description

The CM208/ CM212/ CM216/ CM224/ CM212F professional mixing console is a high-performance mixer designed to meet the needs of audio professionals, music producers and performers. There are 6/10/14/22 channels XLR mono input optional and 2 channels stereo input. The series devices feature 48V phantom power, a 24 DSP effects processor, USB recording, Bluetooth, and an LED status screen, offering precision with 3-band EQ, mute and PFL switches on each channel, which achieves a new level of audio mixing, providing excellent sound quality and flexible control.

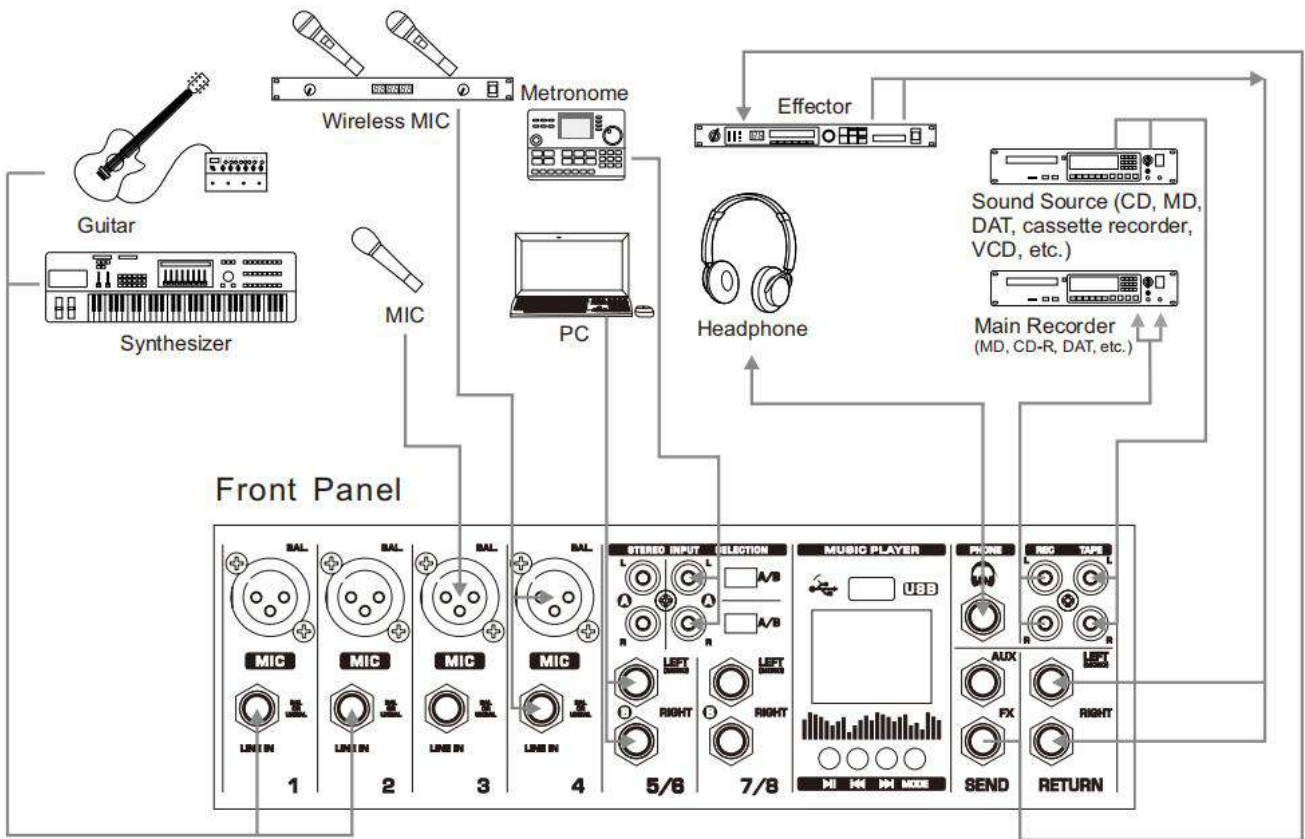
## Features

- Support 6/ 10/ 14 /22 channels XLR mono input and 2 channels stereo input
- Each channel with 3 bands EQ adjustment, Mute switch, PFL ear phone switch
- Support 2 groups output, and 2 AUX (including FX)
- Support 1 channels feedback and 1 monitoring output
- Built-in phantom power 48V
- Built-in 24 DSP digital effect processor
- Built-in USB port for recording and music playing
- Built-in Bluetooth
- LED screen for status display
- Only CM212F could be mounted in 19" rack

# Specifications

Model	CM208	CM212	CM216	CM224	CM212F
Frequency Characteristics (MAIN OUT)	20Hz-20kHz+1dB, -3dB@+4dBu, 600Ω (With gain control at the minimum level)				
Total Harmonic Distortion (MAIN OUT)	0.1%(THD+N)@+4dBu, 20Hz-20kHz, 600Ω (With gain control at the maximum level)				
Hum & Noise	-128dBu Equivalent input noise (Channel 1-8)				
	-100dBu Residual output noise (ST OUT)				
	-88dBu(92dB S/N) ST & GROUP main attenuator at nominal level; set all channel sending switches to OFF.				
	-81dBu(85dB S/N) AUX & EFFECT main control at nominal level; all channel mixer controls at the minimum level.				
Crosstalk (1kHz)	-64dBu(68dB S/N) ST & GROUP main attenuator and a channel attenuator at nominal level. (Channel 1-8)				
	-70dB, among each input channel -70dB, among input / output channel (CH INPUT)				
Channel Input Equalization: ±15dB	HIGH 10kHz slope ; MID 2.5kHz slope ; LOW 100Hz slope				
Maximum Amplitude of Variation of Graphical Equalizer ±12dB	Seven bands (125, 250, 500, 1k, 2k, 4k, 8k)				
Internal Digital Effect	16 types of programs, parameter control				
Mono / Stereo Input Peak Indicator	In each channel: When the post EQ signal (In ST sound channel, when the post EQ signal or post microphone amplifier signal) enters the range of the cutoff level value of 3dB, the indicator will be red.				
Virtual DC+48V Power (Balanced Input)	When the virtual +48V switch is turned on, the virtual power will be provided.				
Power Consumption	51W				
Package Dimensions (mm)	405×175×490	520×175×490	640×175×490	895×205×510	485×163×440
Product Dimensions (mm)	340×400×135	460×400×135	570×400×135	800×400×135	440×360×90
Gross Weight	5.3kg	6.5kg	7.5kg	11.6kg	5.5kg
Net Weight	4.2kg	5.4kg	6.3kg	8.7kg	4.5kg

# System Diagram



## Rear Panel

The outputs of some models are on the front panel.

