

## CM21B

### Professional Rack Mountable Digital Stage Box



#### Description

The product is a newly designed, versatile digital mixing console featuring a compact and lightweight structure, comprehensive functions, intuitive operation, and fast, responsive performance.

With seamless integration alongside digital mixing systems and the support of a Chinese-language interface, it is well-suited for a wide range of applications, including live performances, conferences, schools, churches, cultural halls, weddings, concerts, home use, and band setups.

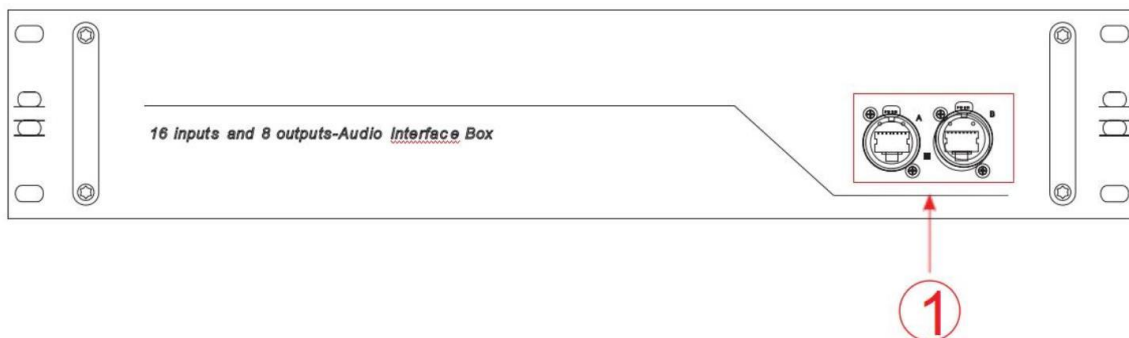
#### Features

- 16 input channels with high-quality microphone preamps;
- 8 analog balanced XLR output channels;
- Ultra-low latency for network transmission;
- Transmission distance up to 80 m via CAT6 cable;
- Dual expansion ports, no external expander or router required;
- Supports remote power-on via digital mixing console;
- Constructed with high-quality components throughout the unit.
- Robust and durable design ensures long service life.

# Specifications

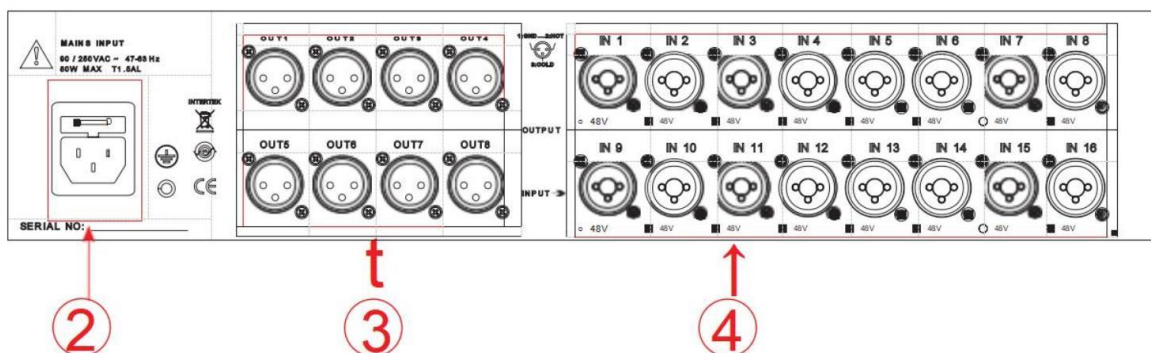
Model	CM21B	
Input	Mic / Line Input: 1-16 Input Sensitivity (XLR / TRS) Input Analog Gain Max. Input Level (XLR / TRS) Input Impedance (XLR / TRS)	Balanced, XLR and 1/4" TRS Connectors XLR 1.5 mV, TRS 7 mV -32 dB to +10 dB, 0.6–0.7 dB Step +19 dBu / +29 dBu MIC > 5 k $\Omega$ , LINE > 10 k $\Omega$
Output	Mix 1–8 AUX Outputs Output Impedance Nominal Output Level Residual Output Noise Dynamic Noise SNR Max. Output Voltage Distortion Frequency Response	Balanced XLR < 75 $\Omega$ +4 dBu = 0 dB Meter Reading -91 dBu 112dB XLR $\geq$ 92dB, TRS $\geq$ 82dB 7VAC Max < 0.0003% (1KHz Full Power) 20HZ -20KHZ+ / -0.5dB

## Front / Rear Panel



### 1. Dual Expansion Network Ports

Ports A and B can be connected via CAT network cable to the corresponding expansion port on the digital mixing console. Either port can be used.



### 2. Power Input

AC 110–220V power input. Only the original factory-supplied power adapter must be used.

### 3. SUB 1–8 Group Outputs

SUB 1–8 group output signals are routed to power amplifiers or other sound reinforcement systems.

### 4. MIC/Line Input Connectors

All inputs are balanced, featuring 16 XLR connectors. Supports both XLR cables and 1/4" TRS connectors for audio signal input.