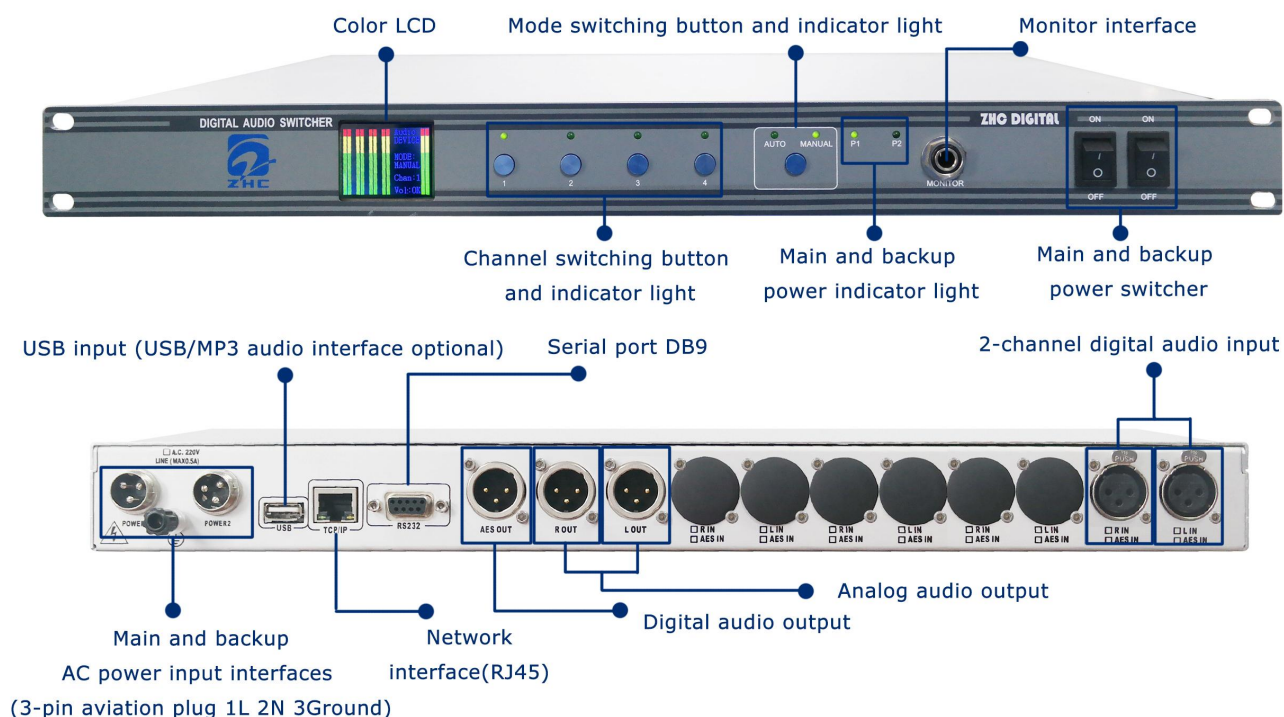


ZHC348-0211SZ Intelligent Audio Switcher

Overview

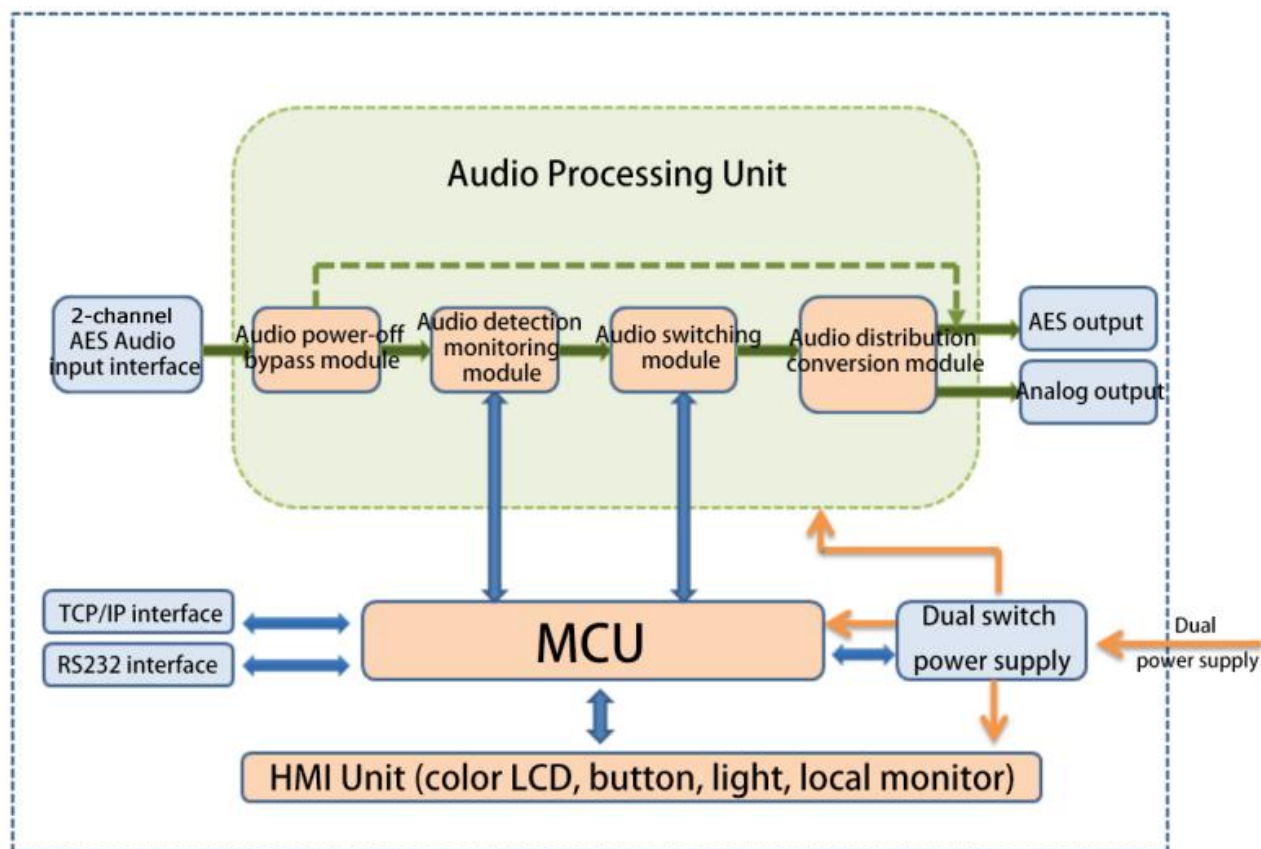
ZHC348-0211SZ Intelligent Switcher is a **professional broadcasting grade** audio switching device that supports **2 digital AES audio inputs (supports music)**, with 1 digital AES audio output and 1 balanced analog audio output after switching. It has two switching modes: manual and automatic. In manual mode, the desired audio channel can be easily selected through buttons; **Intelligent judgment** of channel audio status and switching in automatic mode. This product is an excellent audio switching device.



Features

- Adopting **high-speed MCU** processor control, reliable performance
- **Color display screen** dynamically displays audio level and device status
- **Customize** switching time and switching threshold
- Convenient and efficient network (TCP/IP)/RS232 **control interface**
- Reliable **power-off main circuit direct** function
- Adopting **dual power redundancy design** to improve equipment stability
- Convenient **monitoring function**

Diagram



ZHC348-0211SZ Intelligent Audio Switcher Diagram

Technical Specifications

1. Digital audio input impedance 110 Ω
2. Digital audio output impedance 110 Ω
3. Operating frequency 20Hz~20KHz
4. Audio signal-to-noise ratio $\geq 95\text{dB}$
5. Audio frequency response $\leq \pm 0.01\text{dB}$
6. Audio distortion $\leq 0.01\%$
7. Audio stereo separation $\geq 95\text{dB}$
8. The level difference between the left and right audio is $\leq 0.01\text{dB}$
9. Correspondence between Analog and Digital Levels: 0dBu Analog Audio Signal corresponds to -24dBFS Digital Audio Signal
10. Power supply voltage AC100V~AC265V/47Hz~63Hz (dual channel)

Physical Specifications

1. Chassis standard 19 inches
2. Chassis size 1U (440mm \times 300mm \times 44mm)
3. The total weight of the machine is 2.1Kg
4. Operating environment temperature -10 $^{\circ}\text{C}$ ~+50 $^{\circ}\text{C}$
5. Relative humidity $< 95\%$
6. Altitude $< 4500\text{m}$

Note:

Customizable analog-to-digital mixed input channel switch, with up to 8 input XLR ports, forming 4 audio inputs.