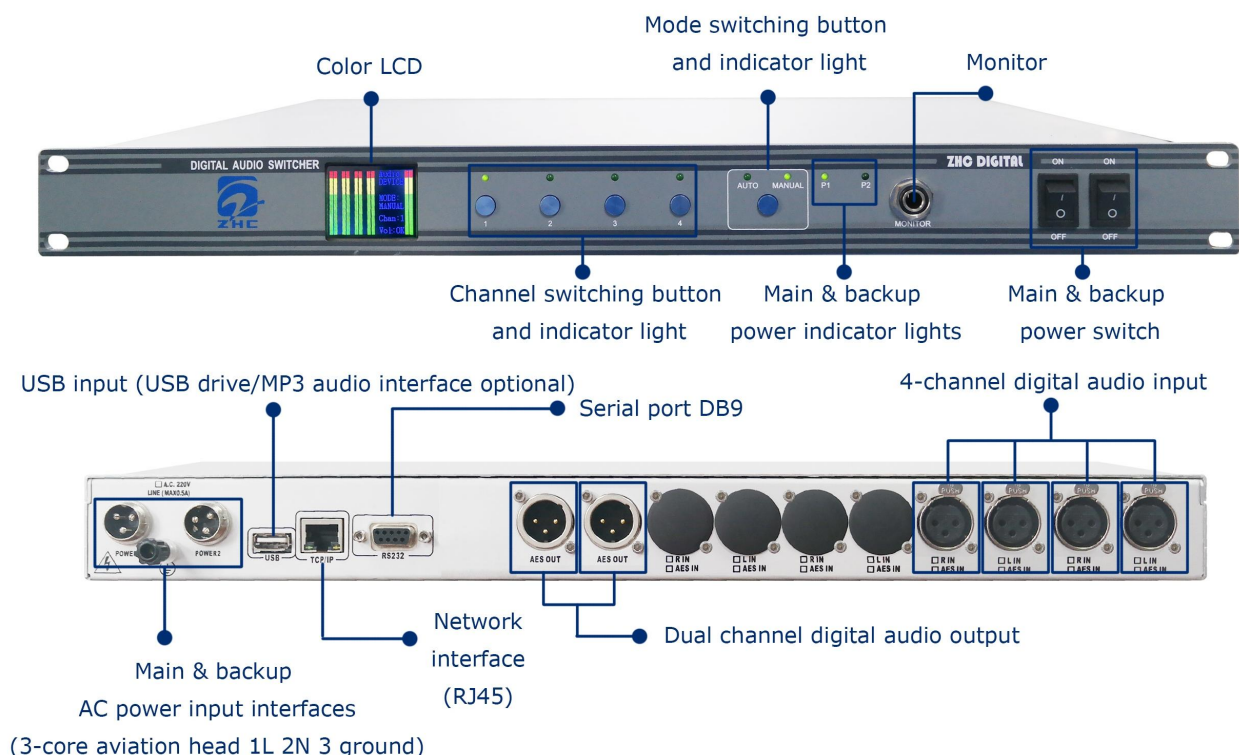


ZHC348-2011SZ Intelligent Audio Switcher

Overview

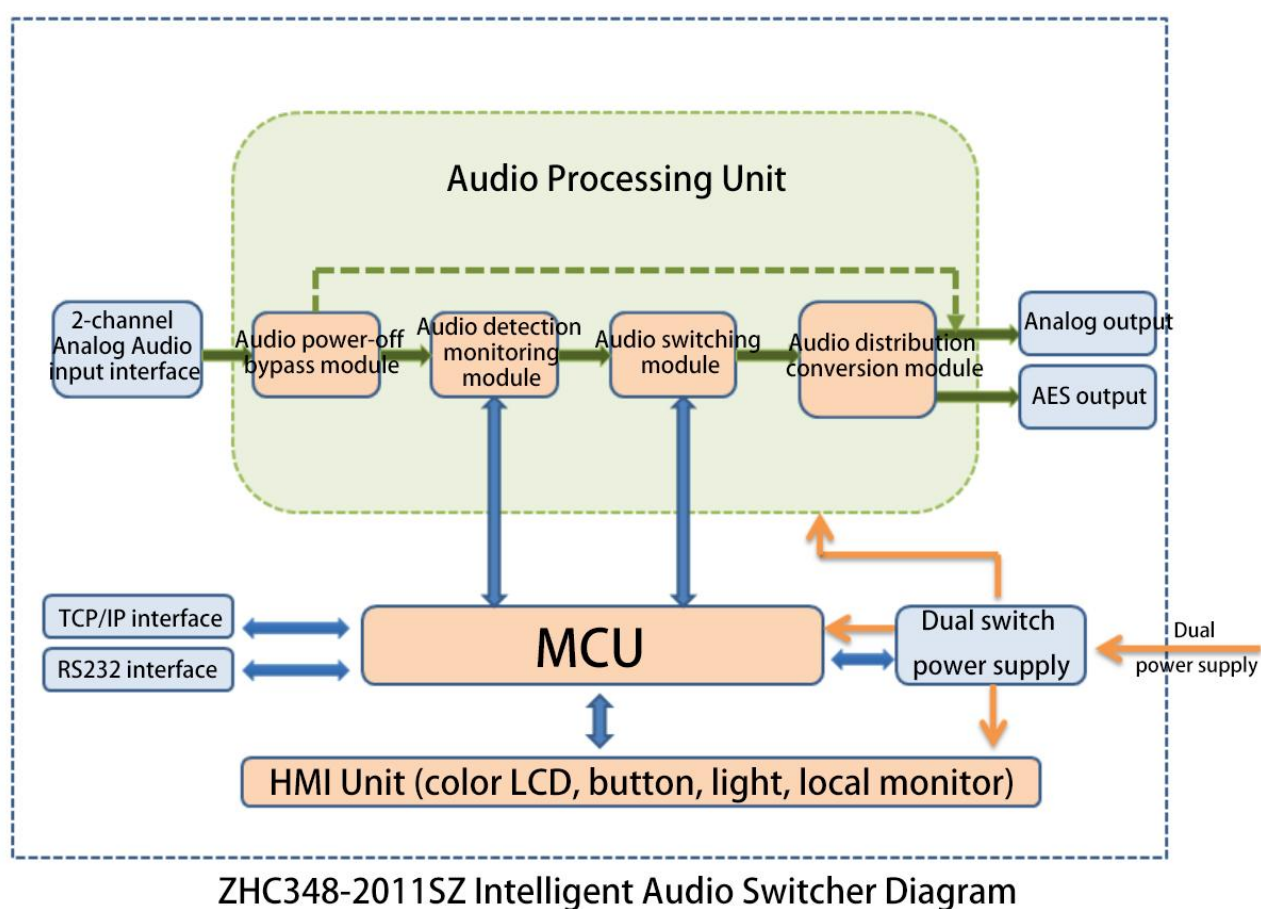
ZHC348-2011SZ Intelligent Switcher is a **professional broadcast grade** audio switching device that supports **2 analog balanced stereo audio inputs** (supports music), with 1 digital AES audio output and 1 balanced analog audio output after switching. It has two switching modes: manual and automatic. 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



Technical Specifications

1. Analog audio input level -30dBu~+15dBu
2. Simulate audio input impedance of 600 Ω
3. Analog audio output level -30dBu~+15dBu

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4. Simulate audio output impedance of 600 Ω
5. Digital audio output impedance 110 Ω
6. Operating frequency 20Hz~20KHz
7. Audio signal-to-noise ratio $\geq 90\text{dB}$
8. Audio frequency response $\leq \pm 0.01\text{dB}$
9. Audio distortion $\leq 0.01\%$
10. Audio stereo separation degree $\geq 90\text{dB}$
11. Audio level difference between left and right $\leq 0.01\text{dB}$
12. Correspondence between Analog and Digital Levels: 0dBu Analog Audio Signal corresponds to -24dBFS Digital Audio Signal
13. 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 2.2Kg
4. Operating environment temperature -10 $^{\circ}\text{C}$ ~+50 $^{\circ}\text{C}$
5. Relative humidity <95%
6. Altitude <4500m