Audio Security Host

T-8824TB

Description

The audio support host is a device with functions such as timing, storage, ringing, channel switching, etc. It is used in conjunction with the IP broadcasting system and is suitable for the needs of listening test support solutions .

Feature

*The panel is equipped with a 7-inch high-definition display screen, which can display high-definition dynamic images and the working status of the machine; it has a self-spinning shuttle knob and a digital coding design to control the terminal output volume; it has a SWITCH button to support the adjustment of each channel output and prohibition .

*It adopts standard cabinet design, 3U height, high-grade brushed aluminum alloy panel, exquisite workmanship, and exudes high-end temperament.

*Built-in network hardware connection module, supports TCP/IP, UDP, IGMP (multicast protocol) transmission protocols, realizes network transmission of 16-bit CD-quality audio signals, and supports mainstream audio formats such as MP3, WAV, FLAC, APE, etc.

*Built-in monitoring speaker, the monitoring volume can be adjusted locally, and the local output audio status can be monitored in real time .

*It has 1-channel local microphone input to realize local broadcasting function .

*It has 6-channel independent AC power output sockets, which can power CD players, active speakers and other devices, and has intelligent power management function .

*It has 4-channel audio output interface with adjustable output volume, which is used to connect to the subsequent power amplifier.

*It has 2-channel audio input interfaces , which can switch input channels with one button ; each channel supports adjustable delay of 0~80 seconds, and supports adjustable delay steps of 1ms, 10ms, 100ms, and 1s.

*It has 4-channel short-circuit alarm broadcast trigger inputs. Each input can trigger a partition to be programmed and saved on the server and sent to local storage for execution.

*Supports power-off direct output function for the first audio input channel , ensuring that the device can still have audio output in the event of an abnormal power outage .

*Support network control, access to server, and function configuration .

*It supports offline scheduled broadcasting function, and after a server failure, it will perform offline broadcasting on behalf of the server .

*It has audio backup protection function, which can provide analog backup for IP broadcasting, which is safe and reliable .

*Supports remote firmware upgrades and equipment maintenance via the network to reduce staff workload.

Specification

Network interface	Standard RJ45 input
Transmission rate	100Mbps
Supported protocols	Compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.
Sampling rate	48kHz
Audio format	MP3, WAV, FLAC, APE and other mainstream audio formats
Display size	7-inch LCD display
Screen resolution	800*480 pixels
Audio input sensitivity	Single-ended input 775mVrms
Audio output sensitivity	Single-ended output 1000mVrms
Frequency response	8 0Hz~ 20kHz , + 1dB / -3dB
Signal-to-Noise Ratio	≥ 78 dB(A)
Harmonic distortion	0.05%,@1kHz,0dBu
Output power	Total power ≤5kW, single-channel power ≤1kW
Power consumption	≤30W
Working environment temperature	-10℃ ~ +45℃
Working environment humidity	20%~80% relative humidity, no condensation
Working power supply	～220V/50Hz
Dimensions (L x W x H)	484×389×132mm
Weight	6.7kg