



IP Network Speaker T-7807BG

Embedded software:

Luna cloud-based terminal embedded software V2.0



Description:

The professional integrated wall-mounted network audio decoding speaker consists of built-in network decoding modules, digital 2-channel constant resistance amplifiers and high-fidelity speakers. It is installed in rooms, multimedia classrooms, guest rooms and other places that need fixed-point control.

Features:

- * Integrated wall-mounted design, exquisite craft and beautiful appearance.
- * The Luna cloud-based server has high security and excellent stability, and supports 7 × 24 hours of continuous work.
- * Built-in LED screen supports the display of system time, and real-time display of server time.
- * Rich network access methods, including DHCP automatic allocation access, ADSL smart dial-up access, fixed IP address access, etc.
- * It has built-in 2 × 60W (MAX) amplifier module to drive the built-in high-fidelity speaker, providing fine sound quality and strong power.
- * Support intelligent power saving and pre-power on management, realize system energy saving, and ensure reliable and stable operation of the controlled equipment.
- * Built-in 8GByte SSD, support remote management on the server, support background download in limited network speed or automatic download during idle time, reduce the burden of the network; the media library files support offline automatic playback function.
- * Integrated 24Bit professional sound card, enabling enthusiast audio playback; audio stream is up to 768kpbs.
- * Built-in constant voltage 100V signal backup module, when abnormal network or device connection occurs, it will automatically switch from digital network PA to constant voltage analog PA, and output the analog signals to the speaker.
- * 1 AUX audio input, 1 MIC input, 1 EMC emergency input, built-in digital pre-amplifier, support user-defined priority rank.
- * Built-in 1 Line out independent audio output, realize sound reinforcement with external amplifiers.
- * Communication protocol: TCP/IP, UDP, IGMP (multicast), IETF SIP; audio format: MP3, WMA, WAV.
- * Support short-circuit restoring the factory settings, which is convenient for system maintenance and management to the greatest extent.
- * Support viewing equipment status and managing equipment information through the system background WEB.
- * Wide voltage power supply of mains + DC24V standby power supply with zero switching time provide the best energy supply for the 7×24 hours of continuous work of the terminal.
- * Support the PA system remotely upgrading the terminal firmware, without the need to upgrade the terminal locally, reducing the work intensity of maintenance personnel.
- * Built-in 2.4G wireless audio module, transmission rate: 2.40MHz-2.53MHz, high fidelity, good anti-interference, 64K @16bit×2, HDCD sound effect, sound delay <0.5ms, response frequency: 80Hz-16KHz.
- * It is equipped with a headset microphone; the pairing connection distance of the controller and the microphone is ≤ 3 meters, and the connection time is ≤ 3 seconds.
- * It automatically starts the pairing connection as soon as the device is turned on. After the pairing is done, there will be a prompt tone and indicator light, and it will automatically enter the receiving state.
- * Realize encrypted transmission, the receiver supports automatic frequency sweep function to easily avoid interference.
- * The 2.4G microphone supports volume adjustment function.
- * The microphone supports charging function, and supports working while charging; it adopts MicroUSB port for charging, and supports universal mobile phone charger.
- * The frequency range (power) can be set freely, and the effective distance can be up to 10 meters.

Specification:

Model	T-7807BG
Network interface	Standard RJ45 input
Transmission rate	100Mbps
Communication protocol	TCP/IP, UDP, IGMP(multicast), IETF SIP
Audio format	Mp3, WMA, WAV
Audio mode	16-bit CD sound quality
Sampling rate	8K~48KHz
AUX input	1 group
AUX sensitivity	350mV
EMC input	1 group
EMC sensitivity	775mV
MIC input	1 group
MIC sensitivity	5mV
Line out output	1 group
Line out level/impedance	1000mV/470Ω
Power consumption	130W
Standby power consumption	<3W
Frequency response	Line out: 80Hz~16KHz -3dB/+1dB; SPK OUT: 80Hz~16KHz -3dB/+1dB
THD	≤1%
SNR	>65dB
Power supply	~190-240V 50-60Hz
Protection circuit	DC output, overload, over temperature, short circuit protection
Working temperature	5°C~40°C
Working humidity	20%~80% relative humidity, no condensation
Size	215×200×300mm(L×W×H)
Weight	8Kg