IP Network Active Speaker - with backup and 2.4G headphone mic
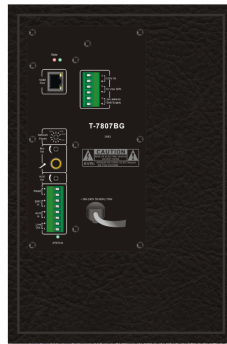
T-7807BG

Headphone mic: T-538B

Specifications

Model	T-7807BG
Power Input	~190-240V 50-60Hz; DC24V/5A
Network Interface	Standard RJ45 input
Transmission Speed	100Mbps
Protocol	TCP/IP,UDP,IGMP(Multicast), IETF SIP
Audio Format	Mp3, WMA, WAV
Audio Mode	16-bit CD level
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 Output	1 group
Line Output Level/Impedance	1000mV/470Ω
Power Consumption	70W
Standby Power Consumption	<3W
Frequency Response	Line out: 80Hz~16KHz -3dB/+1dB; SPK OUT: 80Hz~16KHz -3dB/+1dB
THD	≤1%
SNR	>65dB
Protection Circuit	DC output, overload, over temperature, short circuit protection
Operating Temperature	5℃~40℃
Operating Humidity	20%~80% relative humidity, non-condensation
Size	200×200×300mm
Weight	7.5Kg

Rear Panel

Ethernet port/Switches
Output to the speaker
100V backup
MIC
Fire signal input
Bluetooth receiving antenna
CD player
Audio signal output
2.4G MIC

Application

Professional wall mounted IP speaker, with internal network decoding module, 2-channel digital stereo constant-impedance amplifier and Hi-Fi speaker. It's suitable for rooms, multimedia classrooms, guest rooms, etc, which need pointed control.

Features

* Wall mounted design, exquisite workmanship and delicate appearance.
* Based on Luna cloud server, with high safety and stability, support 7×24 hours uninterrupted operations.
* With multiple network access modes, including DHCP automatic distribution access, ADSL intelligent dialing access, fixed IP address access, etc.
* Built- in with 2 ×30W stereo amplifier module, ensuring soft sound.
* Support intelligent power-saving and pre-turn on management to save energy and ensure the equipment work stably.
* Built-in with 8GByte SSD media library, support remote server management and downloading in background under limited bandwidth or automatic downloading in idle time, which can lighten the network burden, the files in media library can be played automatically in offline status.
* Integrated with 24Bit professional sound card, realizing high-end audio quality, the audio streaming up to 768kpbs.
* Built-in 100V constant-voltage signal backup module, when there is network fault or equipment is cut off; it will switch from digital network broadcasting to analog constant-voltage broadcasting automatically. Analog signal is output to the speakers, which can meet the demand of back up function in listening test.
* With 1 AUX audio input, 1 MIC input, 1 EMC emergency input; Built-in digital pre-amplifier; support custom priority setting.
* Built-in 1 Line out independent audio output, to connect with external amplifier;
* Support short circuit to restore factory function, which is easy for system maintenance and management.
* Support system background WEB to view device status and management device information.
* Wide voltage power supply + DC 24V backup power without time interval, to provide 7×24h power for terminals.
* Instead of terminal local upgrade, T-7800R can support remote firmware upgrade. Saving a lot of maintenance work.
* Built-in 2.4G wireless audio module, Transmission frequency: 2.4000—2.53MHz, HIFI, good anti-interference ability. It has the highest 64K @16bit×2 in the field, and has HDCD sound effect. The sound is delayed (<0.5ms).Frequency response: 80—16KHz.
* With headphone mic, the connection distance of automatic match between the host and mic is ≤3m, and pairing connection time is ≤3s.
* It will enter the match status automatically when switch on, after match successfully, it will have the reminding sound to shift to the receiving status automatically.
* It realizes the encryption transmission and the receiver supports the automatic sweep frequency function to avoid the interference easily.
* 2.4G mic volume supports volume adjustment function.
* It has the charging function with charging management, supports charging and working simultaneously. It uses the Micro USB to charge and can use cellphone charger as well.
* The frequency distance (power) can be set by itself. Effective working distance can up to 10 meters.