



# Network Active Loudspeaker (with backup function)

## T-7807B



### Specifications

<b>Model</b>	T-7807B
<b>Network Interface</b>	Standard RJ45 input
<b>Transmission Rate</b>	100Mbps
<b>Support Protocol</b>	TCP/IP, UDP, IGMP(Multicast), IETF SIP
<b>Audio Format</b>	Mp3, WMA, WAV
<b>Audio Mode</b>	16-bit CD level
<b>Sampling Rate</b>	8K~48KHz
<b>AUX Input</b>	1 group
<b>AUX Sensitivity</b>	350mV
<b>EMC Input</b>	1 group
<b>EMC Sensitivity</b>	775mV
<b>MIC Input</b>	1 group
<b>MIC Sensitivity</b>	5mV
<b>Line Output</b>	1 group
<b>Line Output Level/Impedance</b>	1000mV/470Ω
<b>Power Consumption</b>	70W
<b>Standby Power Consumption</b>	<3W
<b>Frequency Response</b>	Line out: 80Hz~16KHz -3dB/+1dB. SPKOUT: 80Hz~16KHz -3dB/+1dB
<b>THD</b>	≤1%
<b>SNR</b>	>65dB
<b>Power Input</b>	~190-240V 50-60Hz DC24V/5A
<b>Protection Circuit</b>	DC output, overload, high temperature, short circuit protection
<b>Operating Temperature</b>	5°C~40°C
<b>Operating Humidity</b>	20%~80% relative humidity, non-condensation
<b>Dimension</b>	200×210×300mm
<b>Weight</b>	7.5Kg

### Application

Professional wall mounted IP network audio decoding loudspeaker, built-in network decoding module, 2-channel digital stereo with constant-impedance amplifier and Hi-fi speaker. It's suitable for room, multimedia classroom, guest room, etc, which need dedicated 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 ways, including DHCP automatic distribution access, ADS intelligent dialing access, fixed IP address access, etc.
- \* Built in with 2 × 30W amplifier module, built-in HIFI speaker to ensure soft sound and strong power.
- \* Support intelligent power-saving and pre-opening management to save energy and ensure the equipment work stably.
- \* Built-in 8GByte SSD; 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 highest audio stream up to 768kpbs.
- \* Built-in 100V constant-voltage signal backup module, when there is network fault or equipments 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 backup function in listening test.
- \* With 1 AUX audio input, 1 group MIC input, supporting user customized priorities.
- \* Built-in 1 Line independent audio output, to achieve an external amplifier amplification;
- \* Support protocols: TCP/IP, UDP, IGMP (multicast), IETF SIP, audio format: MP3, WMA, WAV.
- \* 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.
- \* With city power supply in wide voltage +24V standby power supply with zero switching time provide the terminal's 7 × 24-hour working in the best way
- \* The system supports hardware remote updating to terminals, no need to go to the local terminal site, saving a lot of maintenance work.

### Rear Panel

