



# Rack-mount IP Network Audio Terminal

## T-78500



### Specifications

Model	T-78500
Network Interface	Standard RJ45 input
Transmission Rate	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
Local MIC Input	1 group (optional front or rear panel TRS interface or 3.5mm interface)
Local MIC Sensitivity	TRS interface 5mV, 3.5mm interface 10mV
Line output	1 group
Line output level/impedance	1000mV/470Ω
Earphone Output Connector	3.5mm interface
Earphone load	32Ω
Monitor MIC	1 group
Monitor MIC Sensitivity	10mV
USB	Maximum support 4T USB device; load <0.1A
SD	Maximum support 128G / SDXC card
Power Consumption	650W
Standby power consumption	<3W
Power Output	500W
Frequency Response	80Hz~16KHz -3dB/+1dB
THD	≤1%
SNR	>65dB
Short-circuit Input	0V / 3.3V, support dry contact input
Short-circuit Output	Maximum 3A/30VDC dry contact output
Protection Circuit	DC output, overload, over temperature, short circuit protection
Operating Temperature	5°C~40°C
Operating Humidity	20%~80% relative humidity, non-condensation
Working Voltage	~190-240V 50-60Hz
Standby power consumption	<10W
Size	484 x 385 x 132 mm
Weight	18Kg

### Application

Installed in the weak current room or control room, built in with power amplifier, it is used for audio files broadcasting and local broadcasting in halls, corridors, indoor and outdoor areas.

### Features

- \* Adopting standard 19-inch rack-mount design, aluminum industrial panel; with 4.3-inch TFT true-color LCD screen, 21 industrial metal buttons; with reserved infrared receiver function for remote control.
- \* The graphical volume adjusting interface can adjust the volume of network audio, local MIC and local AUX input.
- \* Display the current broadcasting audio, two-way intercom, timed broadcasting, equipment status information, IP address, MAC address, etc, in the screen. The user can stop the broadcasting audio by pressing one button.
- \* Based on Luna cloud server, with high safety and stability, support 7x24 hour uninterrupted operations.
- \* With multiple network access modes, including DHCP automatic distribution access, ADS intelligent dialing access, fixed IP address access, etc.
- \* Built in with 8GByte SSD; support remote server management and downloading in the 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 USB and Micro SD (TF) card interfaces, maximum support 4T USB storage device and 128G / SDXC card. The user can play the files of USB, TF card and media library to the terminals.
- \* Built in with 60W / 120W / 240W / 350W / 500W constant-impedance (4-16Ω) and constant-voltage (70V / 100V) power output, strong power and free selection.
- \* With intelligent power management function, when no signal input, it will automatically cut off the power of the amplifier and switch into standby mode. The standby power consumption is less than 10W. It has programmable pre-opening power supply function.
- \* Integrated with 24Bit professional sound card, realizing high-end audio quality, the highest audio stream up to 768kbps.
- \* With 1 AUX audio input, 1 group MIC input, 1 EMC emergency input; Built-in with digital pre-amplifier; support user-defined priority; with 1 monitor MIC to achieve equipment self-test, working environment monitoring and operator assessment.
- \* Built-in 1 Line out independent audio output, to connect with external amplifier; With standard headset interface to realize audio monitoring, and headset microphone amplifying.
- \* 2 short-circuit output, 2 short-circuit input; Support flexible user-defined function; achievable of short-circuit acquisition, alarm trigger; realizable to connect with third-party platform like fire alarm, CCTV, etc.
- \* With 1 channel three-wired volume control can realize fire alarm overriding without DC24V power supply and no limitation of volume control quantity.
- \* Support short circuit to restore factory function, which is easy for system maintenance and management.
- \* Support multiple users to login separately; the access right is user-defined.
- \* Can check device condition and manage information through system background Web.
- \* Instead of terminal local upgrade, T-7700R can support remote firmware upgrade. It reduces intensity of maintenance.

### Rear Panel

