



IP Network Amplifier Terminal T-77500Z

Embedded software: IP network platform terminal embedded software V2.02



Description

It has a built-in high-fidelity amplifier and is installed in the ELV room or sub-control room of each broadcast management area. It can be used for program broadcasting and local broadcasting in lobbies, corridors, outdoors and other places.

Feature

- * Standard 19-inch rack mount design, black aluminum oxide wire drawing panel, durable handle, professional mechanical assembly process, high-end appearance.
- * The industrial-grade 3.4-inch LCD display can clearly display most dot matrix patterns and the working status of the device; it supports infrared function, and can realize content AOD in the program library of the server with an infrared remote control, and can control play/pause, and the operation is flexible and simple.
- * Adopt embedded computer technology and DSP audio processing technology.
- * Built-in 1 network hardware audio decoding module, support TCP/IP, UDP, realize network transmission of 16-bit CD-quality audio signals.
- * Built-in high-fidelity professional analog amplifier, with 8-zone 500W independent control and constant voltage 100V power output selection. With 1~8 zone output ports, after the server PC software is configured, it supports calling any zone (or zone group), and supports calling all zones. It supports configuring a zone (or zone group) to execute scheduled tasks in a single time period. As for alarm task, it can trigger the playback of any zone (or zone group) task, real-time file playback of any zone (or zone group) task, real-time terminal acquisition and broadcast of any zone (or zone group) task. The zone output terminal is 100V, and can be used to connect 100V constant voltage speaker.
- * With 1 AUX and 1 MIC input interfaces, with independent volume and high-bass adjustment potentiometer control, support local paging function when disconnected from the network.
- * With 1 EMC input interface, the input of emergency alarm voice signal is straight-through, with the highest priority.
- * With 1 audio signal auxiliary output interface, it can be extended to external amplifier; with standard RCA interface, wiring connection is very convenient.
- * Built-in intelligent power management, when there is no music or call, it will automatically cut off the power of the amplifier, and automatically turn on the power of the amplifier when there is a signal, and it supports IP software programming to pre-turn on the power of the amplifier.
- * Built-in 3 levels of priority settings:
 - * EMC is the highest priority.
 - * Network alarm signals is prior to MIC, AUX and network BGM signals.
 - * MIC is prior to AUX and network BGM signals.
 - * AUX and network BGM are at the same level, without any priority.
- * Support the preset reduction function of silence intensity, support the preset function of background accompaniment; support indicator light display, including level indicator, protection indicator, standby indicator, etc. The total standby power is less than 10W.
- * Compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, etc.
- * Digital products, easy to extend, no geographical location restrictions, no need to add management equipment in the computer room, using common network and free of wiring construction, and easy installation.
- * Support remote firmware upgrade of the terminal through the broadcast system, no need to upgrade locally, reducing the workload of maintenance personnel.



Specification

Model	T-77500Z
Network interface	Standard RJ45 input
Transmission rate	100Mbps
Communication protocol	TCP/IP, UDP
Audio format	Mp3
Audio mode	16-bit CD quality
Sampling rate	8kHz~48kHz
EMC input sensitivity	775mV (unbalanced)
AUX input sensitivity	350mV (unbalanced)
MIC input sensitivity	5mV (unbalanced)
AUX output amplitude	1000mV 2 RCA output interfaces
AUX output impedance	470Ω
Treble boost, attenuation	±10dB
Bass boost, attenuation	±10dB
Rated power	500W
Total power consumption	750W
Standby power consumption	< 10W
Frequency response	80Hz~16kHz +1/-3dB
THD	≤1%
SNR	>65dB
Output mode	100V constant voltage output
Protection circuit	DC output, overload, over temperature, short circuit protection circuit
Working temperature	5°C~40°C
Relative humidity	20%~80%, no condensation
Input power	~220V 50Hz
Dimension	484x359x132mm
Weight	18kg