16-zone IP terminal
T-7801Z

Description

Installed in weak current or other equipment rooms in each broadcast management area, it can connect with two amplifiers for program and local broadcasting in halls, aisle and other outdoor areas.

Features

* Standard 19-inch rack-mount design, full-aluminum industrial panel, 4.3-inch LCD screen in TFT color, 37 function buttons, reserved function of infrared receiver to simplify the remote control.

* Graphical volume adjustment interface to adjust the volume of network programs, local MICs, and local AUX.

* Real-time display of program playback, timed broadcast, equipment operation, IP address, MAC address and other status information, you can stop the program playback task with one button.

* Based on Luna cloud servers, it has excellent safety and stability, which enables 7 × 24 hours uninterrupted work.

* Rich network access methods, including DHCP to automatically assign access, ADSL intelligent dial-up access, and fixed IP address access.

* Integrated 24Bit professional sound card enables excellent audio playback, and the highest audio stream is 768kpbs.

* Built-in 8GByte SSD, it supports remote management on the server, background download in limited network speed or automatic download during spare time for lees network burden, so the files in media library can be played automatically offline.

* Integrated with USB and Micro SD (TF) card interface, support up to 4T USB storage devices and 128G / SDXC card, and play local audio file. What it is in the USB, TF card and media library can be freely broadcast on demand to terminals with permission.

* Built-in 2-channel independent audio output for external amplifier amplification; Support the standard headset interface, audio monitor and headset microphone, etc.

* With 1-channel AUX audio input, 1-channel MIC input, 1-channel EMC emergency input; Built-in digital pre-amplifier; user-defined priority; 1-channel monitor MIC for equipment self-test, working environment monitoring and operator assessment.

* With 2-channel short-circuit outputs, 2-channel short-circuit inputs, flexible customization, short-circuit collection, alarm trigger, and third-party integration with electronic door lock, fire control, monitoring and others.

* 2 x 2200W power interfaces with functions of intelligent power management and pre-programmed power on. It can automatically cut off output power when there is no program or radio playing for energy saving and environmental protection.

* Support intelligent power saving and pre-opening management for system energy saving and ensure equipment stable operation.

* 2-channel and three-wired volume control override interface, without DC24V override power, with an unlimited number of volume control.

* Built-in independent constant voltage 100V input interface, support ≤2500W input. Support independent control of constant voltage 100V power selection output to 1 ~ 16 zones, each output port of 1 ~ 16 zone supports ≤1000W output, audio of 1 ~ 16 zone output comes from constant voltage 100V IN audio input terminal, which is suitable for connection 100V constant voltage speaker.

* The panel is equipped with a monitor pickup microphone to monitor remote network environment as well as record and storage monitor audio simultaneously.

* With sound pressure alarm function. When the detected volume continuously exceeds the preset sound pressure, it can automatically trigger specified terminal for alarm according the preset program, the trigger software interface will pop-up prompts, meanwhile the Email is sent.

* Support protocols: TCP / IP, UDP, IGMP (multicast), IETF SIP, audio formats: MP3, WMA, WAV.

* Support short-circuit factory reset function, which can manage and maintain the system to the greatest extent conveniently.

* Support multiple users' switching login, and user permission customization.

* Support system background WEB to view device status and manage device information.

* Support main power supply in wide voltage +24V standby power supply with zero switching time for the terminal 7×24-hour working in the best way.

* Support remote terminal firmware upgrade by the broadcasting system without space limitation for less work intensity of maintenance personnel.

Technical Specifications

Model	T-7801Z
Network Interface	Standard RJ45 input
Transmission rate	100Mbps
Protocol support	TCP / IP, UDP, IGMP (multicast), IETF SIP
Audio formats	MP3, WMA, WAV
Audio mode	16-bit CD sound quality
Sampling rate	8KHz ~ 48KHz
AUX input sensitivity	1 set of 350mV standard industrial crimp terminals (unbalanced)
EMC input sensitivity	1 set of 775mV standard industrial crimp terminals (unbalanced)
Local MIC input	1 set (optional panel TRS interface or rear panel TRS interface or 3.5mm interface input)
Local MIC sensitivity	TRS interface 5mV, 3.5mm interface 10mV
Line out	2 sets of standard industrial crimp terminals (unbalanced)
Line out level / impedance	1000mV / 470Ω
Headphone output interface	3.5mm interface
Headphone load	32Ω
Monitor MIC sensitivity	1 set 10mV
USB	Support up to 4T USB storage device, load <0.1A
SD	Maximum support: 128G / SDXC card
100V IN input	Maximum support: external input 2500W
1 ~ 16 zone output	Maximum support: single zone output 1000W
Standby power consumption	＜ 10W
Frequency response	80Hz ~ 16KHz -3dB / + 1dB
THD	≤0.3%
SNR	＞ 68dB
Short circuit input	0V / 3.3V, support dry contact input
Short circuit output	Maximum support: 1A / 30VDC dry contact output
Operating temperature	5 ℃ ~ 40 ℃
Relative humidity	20% ~ 80% relative humidity, no condensation
Operating voltage	190V-240V 50Hz-60Hz; DC24V / 2A
Dimension	484 × 327.5 × 88mm
Weight	4.6Kg