IP Terminal T-8801

Embedded software: IP terminal embedded software V2.113

Description

Digital transmission decoder, installed in the weak current room or sub-control room of each broadcast management area. Supports 2 power amplifier power supply interfaces and provides intelligent power management control. Suitable for program audio source playback and local broadcasting in administrative halls, corridors, playgrounds and other places.

Feature

*19-inch cabinet-style case design, made of all-metal materials, has good impact resistance; industrial-grade painting process gives the machine better protection and appearance.
*The panel has a 3.9-inch TFT color screen, which can clearly display high-definition dynamic images and the working status of the machine; the self-spinning shuttle knob is designed with digital coding to control the terminal output volume.
*It has a power switch and power indicator light, and can be connected to AC220V±10% voltage of the mains; the device has 2-channel power output sockets, which are controlled and managed by the system intelligently. When there is no music or call, the power of the output socket is automatically cut off, and the power of the output socket is automatically turned on when there is a signal.
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*It has a USB interface to realize the local on-demand audio file. The play/pause function can be controlled by buttons, and the operation is flexible and simple.
*It has 1 set of EMC input interface, which supports direct input of emergency alarm voice signal and has the highest priority.
*It has 1 set of line (AUX) and 1-channel microphone (MIC) input interface, and the volume is controlled by the shuttle potentiometer, and the local paging function is supported when the network is disconnected.
*It has 2 sets of audio signal auxiliary output interfaces, which can be expanded to connect external power amplifiers, and standard lotus seat interfaces, which are very convenient for wiring and connection.
*It has 1-channel RS-485 control interface, which can expand the control panel docking to realize program selection, on-demand and volume adjustment functions.
*The dual network interface design and the terminal support redundant backup function effectively avoid the problem that the device cannot be permanently connected to the system due to single point failure.
*It has 2-channel three-wire alarm forced cutting interfaces, and is compatible with 3 (4) wire fire forced cutting. It is not limited in the number of audio controls and is convenient for multi-functional expansion connection.
*It has a built-in network audio decoding module, which supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, and is compatible with 8kHz-48kHz full sampling rate.
*The device adopts ARM architecture high-performance quad-core CPU chip and exclusive audio algorithm processing technology, designed as a miniaturized hardware module, built-in DSP audio processing, supports ultra-low latency digital mixing, and 10-band EQ equalization configuration.
*Built-in 3-level priority settings: (1) Local EMC has the highest priority. (2) Network alarm signals have priority over MIC, AUX and network background music signals. (3) MIC, AUX and network background music signals, users can customize the priority settings as needed.
*Support local music playback, server music on demand, and volume control.
*Support remote firmware upgrades and equipment maintenance through the network to reduce the workload of personnel.
*The system adopts data redundancy encoding and decoding algorithms and supports anti-packet loss recovery functions. When the network packet loss is 37.5%, the audio playback is smooth.

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Specification

Network interface	Standard RJ45×2 input
Transmission rate	100Mbps
Supported protocols	TCP/IP、UDP、IGMP、ICMP
Audio format	Supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, etc.
Audio mode	16-bit CD-quality sound
EMC input sensitivity	775mV (unbalanced) RCA terminal
AUXEMC input sensitivity	350mV (unbalanced) RCA terminal
MICEMC input sensitivity	120mV (unbalanced) 6.35mm terminal
Frequency response	80Hz-16kHz (+1dB/-3dB)
Harmonic distortion	≤0.1%
Signal-to-Noise Ratio	≥78dB
LINE OUT output amplitude	1000mV RCA terminal
13.485 interface	Has (RJ45 terminal)
Power consumption	≤2000W
Working temperature	5℃ ~ 40℃
Working humidity	20% ~ 80% relative humidity, no condensation
Input power	~220V 50Hz
Output power	~220V 50Hz
Net weight	2.9kg
Size (L×W×H)	484×235×56.2mm