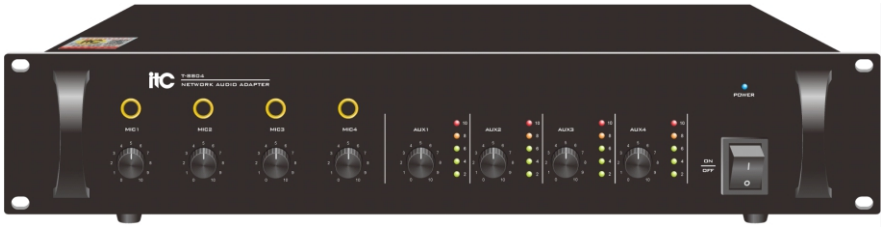
IP Terminal

T-8804



Description

A digital multi-channel audio decoder is installed in the low-voltage room or sub-control room of various broadcast management areas. It supports independent encoding and decoding of multiple audio channels and is linked to multi-channel intelligent power management and control. It is suitable for program audio source playback and local broadcasting in places such as administrative halls, corridors, and playgrounds.

Features

*Standard 2U chassis features an all-aluminum alloy panel, meticulous craftsmanship, and excellent durability.
*It features 4 microphone (MIC) input interfaces, independent volume adjustment, and supports local audio source input amplification .
*It features a 4 -line (AUX) input interface, independent volume control, and supports local audio source input for amplification .
*It has 4 LINE OUT interfaces for external amplifier amplification .
*It features a 1-channel audio MIXOUT output and supports AUX and MIC input mixing output.
*It has 4 three-wire alarm cut-off interfaces, each of which supports an unlimited number of three-wire alarm cut-off sound controllers; with 4 DC24V 2A power outputs , it can obtain 4 four-wire alarm cut-off output interfaces, each of which supports ≤20 four-wire fire cut-off sound controllers .
*It has 4 DC24V 2A power output interfaces, which are suitable for linkage with a four-wire alarm task forced switching controller , or for connecting to alarm devices with a current of ≤2A per channel .
*It has 4 short-circuit outputs, which can be linked with alarm devices to perform alarm functions.
*It features four corresponding power output sockets and built-in intelligent power management, automatically turning the AC power on/off during audio tasks (start/stop) to achieve energy saving.
*It features one common power output socket and built-in intelligent power management, automatically turning the AC power on/off during audio tasks (start/stop) to achieve energy saving.
*It has a built-in network audio decoding function, supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, and OPUS, and is compatible with a full sampling rate of 8kHz-48kHz. It supports playback of audio with sampling rates of 8kHz, 16kHz, 32kHz, 44.1kHz, and 48kHz.
*Built-in DSP processing supports ultra-low latency digital mixing and 10-band EQ configuration .
*It supports terminal IP conflict detection and real-time monitoring of terminal packet loss rate; it also supports Dynamic Host Configuration Protocol (DHCP) and static IP configuration .
*The system adopts a data redundancy encoding and decoding algorithm and supports packet loss recovery function. After the packet loss recovery function is enabled, audio playback is smooth even when the network packet loss is 37.5%.
*Supports playback system acquisition and playback tasks. Within a local area network, the latency at the playback end is <5ms (comparison between the audio source output end and the terminal audio playback end).
*It supports remote firmware upgrades and network-based device maintenance, reducing the workload of personnel.

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Specification

Network interface	Standard RJ45 input
Transmission rate	100Mbps
Supported protocol	TCP/IP, UDP, IGMP, ICMP
MIC input sensitivity	120mV standard 6.35mm TS jack
AUX input sensitivity	350mV*4 Industrial Standard 3.81mm Wire Crimping Terminals
Audio output sensitivity	1000mV*4 Industrial Standard 3.81mm Wire Crimping Terminals
MIX output sensitivity	775mV Industrial Standard 3.81mm Crimping Terminal
Frequency response	80Hz-16kHz (+1dB/-3dB)
Harmonic distortion	≤0.1%
Signal-to-noise ratio	≥7 3dB
DC24V interface	DC24V output * 4 ≤2A Industrial standard 3.81mm crimp terminal
Short-circuit output interface	Short-circuit output *4, dry contact ≤3A, industrial standard 3.81mm wire clamping terminal.
Three-wire interface	Three-wire control *4, industrial standard 5.08mm wire crimp terminals
Three-wire interface	Intelligent linkage * 4 sets of single-interface ≤2000W standard 10A/16A plugs; total load capacity of device intelligent power supply & public intelligent power supply ≤2000W
Public smart power supply	Intelligent linkage*1 set, single interface ≤2000W, standard 10A/16A plug; total load capacity of device intelligent power supply & public intelligent power supply ≤2000W.
Overall power consumption	≤2000W
Standby power consumption	≤10W
Operating ambient temperature	5℃ ~ 40℃
Working environment humidity	20%–80% relative humidity, no condensation
Input power	~220V 50Hz
Dimensions (W×D×H)	484 × 359.61 × 87.98mm
Weight	5.2kg