



IP Terminal T-8806

Embedded software: IP terminal embedded software V2.113



Description

The network decoding terminal has low latency and high-quality analog audio signal output, which can provide users with a simple and practical digital broadcast sound reinforcement solution. It can also easily complete the digital upgrade of old projects and the compatible transformation of products between different broadcast manufacturers, and finally achieve unified management. There is no need to replace the original equipment, saving project costs.

Features

- *The wall-mounted design is compact and does not take up space. It can be installed next to the original project product without damaging the original decoration effect, and is perfectly connected.
- *Built-in network audio decoding module , supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, etc., and is compatible with the full sampling rate of 8kHz-48kHz.
- *Built-in DSP audio processing, supports ultra-low latency digital mixing and 10-band EQ equalization configuration .
- *Supports Dynamic Host Configuration Protocol (DHCP) and static IP configuration .
- *It has 1-channel 3.5mm (LINE) audio output interface, supports connecting to active speakers, analog broadcasting systems and analog power amplifiers for sound amplification, and supports network volume adjustment .
- *Supports remote firmware upgrades and equipment maintenance via the network to reduce staff workload.
- *The system adopts data redundancy encoding and decoding algorithm and supports anti-packet loss recovery function. The network packet loss is 37.5%, and the audio playback is smooth.
- *The end-to-end delay of the system playing collected audio is less than 5ms.



Specification

Network interface	Standard RJ45 input
Transfer rate	100Mbps
Supported agreement	TCP/IP, UDP, IGMP, ICMP
Audio format	Support MP3, WAV, FLAC, OGG, AAC, OPUS, etc.
Audio mode	16-bit CD-quality sound
Sampling rate	8k Hz - 48k Hz
Installation	Wall-mounted
Audio output amplitude	1000mV 3.5mm audio interface
Signal-to-Noise ratio	≥83dB
Frequency response	80Hz-16k Hz (+ 1/-3dB)
Harmonic distortion	≤ 0.1 %
Working power supply voltage	DC12V / 1A
Operating temperature	-10 °C~ 45 °C
Working environment humidity	8020%~% relative humidity, no condensation
Dimensions (L x W x H)	70 × 45 × 24.4 mm
Net weight	0.14kg