Encoder
T-7370

Description
The encoder is designed for 4G IP PA system to collect external analog audio signals. It can collect and encode analog audio into digital audio, and transmit to the terminals in designated areas for playback through the network.

Feature
* All-aluminum housing, neat and exquisite appearance, sturdy and durable structure.
* Adopt embedded computer technology and DSP audio processing technology.
* Adopt built-in 1 network hardware audio coding module, support TCP/IP, UDP protocols, realizing the network transmission of 16-bit CD-quality audio signals.
* Built-in 2 groups of RCA input terminals, with input volume adjustment, flexibly adapt to a variety of audio devices with different sensitivities.
* Support timed broadcast tasks, temporary broadcast tasks, the priority level of the broadcast tasks can be set through the server.
* Support two broadcast modes: "Normal broadcast" and "Intermediate broadcast". "Normal broadcast" can realize extremely low-latency network audio collection effects, and "Intermediate broadcast" can achieve low-latency network audio collection effects with general sound quality.
* Support terminal locally triggering 5 zones to independently start or end the terminal collection tasks.
* Support various network structures such as routers, switches, bridges, gateways, Modem, Internet, 2G, 3G, 4G, etc.

Support remote firmware upgrades of the terminal on the PA system, no need to upgrade the terminal locally, reducing the work intensity of maintenance personnel.

Specification:

Model	T-7370
Network interface	Standard RJ45 input
Communication protocol	TCP/IP, UDP
Audio format	MP3, PCM
Sampling rate	8kHz~48kHz
Transmission rate	100Mbps
Audio transmission	16-bit CD sound quality
Input frequency	80Hz~10kHz +1/-3dB
AUX input sensitivity	350mV (unbalanced) standard RCA input interface
SNR	≥68dB
Ambient temperature	5℃~40℃
Ambient humidity	20%~80% relative humidity, no condensation
Power consumption	≤10W
Input power	DC12V/1A
Dimension (L×W×H)	163×156×32mm
Weight	0.5kg