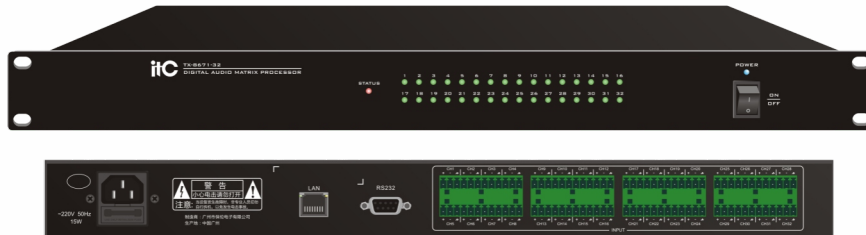




# Audio Encoder

Embedded software: speech transcription audio encoder embedded software V4.12  
TX-8671-16



## Description:

It adopts self-developed data transmission technology to realize high-quality audio collection and transmission. It works with speech transcription APP to realize role separation function, and supports RS232 to switch and identify each channel. It is suitable for multi-channel audio collection.

## Feature:

- \* Embedded computing technology and DSP audio processing technology, high-speed industrial chips, the start-up time is less than 1s.
- \* Based on the 3-layer network transmission technology, compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP; realize the network transmission of 16-bit CD-quality audio signals.
- \* Compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, multicast, unicast, etc.
- \* With 16 input interfaces, support 16-channel audio balanced input collection.
- \* Support the integration with ITC digital conference system, and support 4096 role separation in the mixing mode.
- \* Support independent adjustment of volume value configuration for each channel.
- \* Support two encoding transmission modes: FIFO mode/mixing mode.
- \* Support serial port RS232 controlling each channel and channel name label.
- \* Support the configuration of automatic detection of each channel, automatic collection of audio and uploading to the server.
- \* Support online firmware upgrade. No need to disassemble the machine, the firmware upgrade can be completed through the LAN, Which will reduce the maintenance work.
- \* Digital products, easy to extend, no geographic location limitation. It adopts the design concept of shared network and free line construction, and it is easy to install.

## Specification:

Model	TX-8671-16
Network port	Standard RJ45 network port
Serial port	RS232 serial port (db9 female interface)
Audio port	Phoenix terminal
Audio channel quantity	16
Transmission rate	100Mbps
Communication protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Sampling rate	16kHz
Input sensitivity	350mVrms (balanced input)
THD	≤0.1%
Frequency response	20Hz~20kHz +1/-3dB
SNR	≥75dB (A)
Channel isolation	≥70dB
Working temperature	-10°C~+55°C
Relative humidity	20%~80%, no condensation
Power consumption	≤25W
Power supply	100-240VAC, 50-60Hz
Dimension	484*298*44mm
Weight	2.4Kg