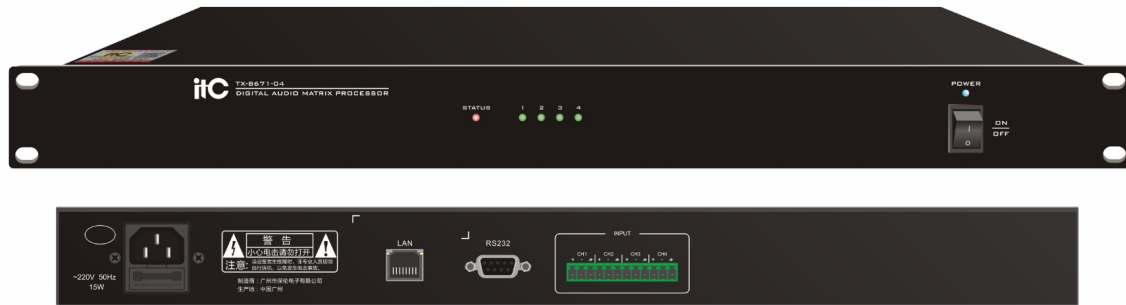




# Audio Encoder

Embedded software: speech transcription audio encoder embedded software V4.12  
TX-8671-04



## 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 4 input interfaces, support 4-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-8671-04
Network port	Standard RJ45 network port
Serial port	RS232 serial port (db9 female interface)
Audio port	Phoenix terminal
Audio channel quantity	4
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