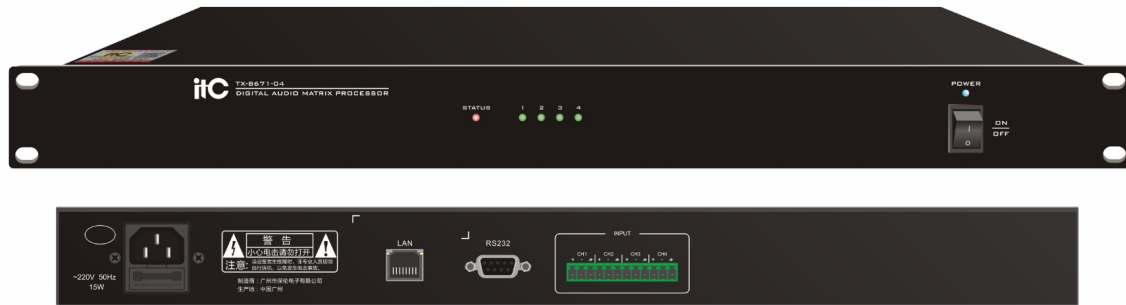




Audio Encoder

Embedded software: speech transcription audio encoder embedded software V4.12
TX-8671-8



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 8 input interfaces, support 8-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-8671-8 |
| Network port | Standard RJ45 network port |
| Serial port | RS232 serial port (db9 female interface) |
| Audio port | Phoenix terminal |
| Audio channel quantity | 8 |
| 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 |