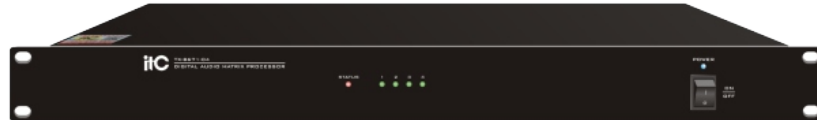




Audio Encoder

TX-8671-4



Description:

It adopts self-developed data transmission technology to realize high-quality audio collection and transmission. It works with speech-to-text 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, it is compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.. It realizes 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.
- * It has 4-channel input interfaces and supports 4-channel audio balanced input collection.
- * Support the integration with ITC digital conference system, and supports 4096 role separation in the mixing mode.
- * Support independent adjustment of volume value configuration for each channel.
- * Support two encoding transmission mode options: FIFO mode/mixing mode.
- * Support serial port RS232 to control each channel and channel name label
- * Support configuration of automatic detection of each channel, automatic collection of audio upload server.
- * Support online firmware upgrade. No need to disassemble the machine, the firmware can be upgraded through the LAN , Which will reduce the maintenance work.
- * Digital products, easy to expand, no geographic location limitation. It adopts the design concept of shared network and free line construction, so it is easy to install.

Specification:

Model	TX-8671-4
Network Interface	Standard RJ45 network port
Serial port	RS232 serial port (db9 female interface)
Audio port	Phoenix terminal
Number of audio channels	4 channel
Transmission rate	100Mbps
Protocol	Compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.
Sampling rate	16kHz
Input sensitivity	350mVrms (balanced input)
THD	≤0.1%
Frequency response	20Hz~20kHz +1/-3dB
SNR	≥75dB (A)
Channel isolation	≥70dB
Operating temperature	-10°C~+55°C
Operating environment humidity	20%~80% relative humidity, no condensation
Power consumption	≤25W
Power supply	100-240VAC, 50-60Hz
Dimension	484*298*44mm
Weight	2.4Kg