



# Audio Encoder

TX-8671-04/08/16/32



## Description

The audio encoder is a device developed to support the speech transcription project. It is divided into 4 types of equipment, with 4-channel, 8-channel, 16-channel, and 32-channel input ports.

which can convert analog signals into digital signals, and then transmit the audio equipment through the network.

## Feature

- \* Standard cabinet design, 1U height, high-grade brushed aluminum alloy panel, exquisite craftsmanship, full of high-grade temperament.
- \* Using embedded computing technology and DSP audio processing technology, high-speed industrial-grade chips, the boot time is less than 1s.
- \* Simultaneously support 4/8/16/32 channels of audio balanced input collection, and the volume value of each channel can be configured independently.
- \* Support two acquisition modes: single channel and multi-channel.
- \* Support serial port RS232 control of each channel and channel name identification.
- \* Support configuring each channel to automatically detect valid audio input and upload it to the target server.
- \* Based on 3-layer network transmission technology and compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc., it realizes network transmission of 16-bit CD-quality audio signals.
- \* Compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, multicast, and unicast.
- \* Support automatic IP acquisition, and support DHCP dynamic and static IP configuration methods.
- \* Support remote firmware upgrade, no need to disassemble the machine, firmware upgrade can be performed through LAN, reducing the work intensity of maintenance personnel.
- \* Digital product, easy to extend, no geographical limitation, free of wiring construction, easy to install.

## Specification

<b>Model</b>	TX-8671-04/08/16/32
<b>Network interface</b>	Standard RJ45 input
<b>Transmission rate</b>	100Mbps
<b>Support protocol</b>	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
<b>Sampling Rate</b>	48kHz
<b>Channel number</b>	32 channels
<b>Input sensitivity</b>	350mVrms (balanced input)
<b>THD</b>	≤0.1%
<b>Frequency response</b>	20Hz ~ 20kHz +1/-3dB
<b>SNR</b>	≥75dB ( A )
<b>Channel isolation</b>	≥70dB
<b>Working temperature</b>	-10°C ~ +55°C
<b>Working environment humidity</b>	20%~80% relative humidity, no condensation
<b>Power consumption</b>	≤25W
<b>Working power supply</b>	100-240VAC、50-60Hz
<b>Size</b>	484×298×44mm
<b>Weight</b>	2.4Kg