

IP Network Audio Adapter with Amplifier

(Speaker Line Backup Feature)

T-6705B



Description

The T-6705B is a wall mount network audio adapter built-in amplifier for network audio system, its distinctive features is built-in speaker line backup. One line is built-in low impedance speaker line, once this line is failure to receive network source it will automatically switch into the backup 100V PA system to ensure the local sound system is working continuously without any interference.

It is a best seller model for IP/TCP network audio system solution. It is used to transmit program from internet to its built-in amplifier then to low impedance loudspeakers. So the normal connection way as below: Control port by RJ45 connector to LAN switch and speaker outputs to loudspeakers.

The IP network audio adapter is of wall mount design, it is built-in a 10W digital Class-D amplifier, so it is usually installed in the terminal room together with a pair low impedance speakers for a small sized application. This LAN network technology also allow this IP network audio adapter with amplifier could be installed anywhere of the LAN system, thus the cable wiring cost could be saved.

The biggest advantages of the network audio system are: Super distance audio transmission, simultaneous maximum program task and non-dedicated network wiring. A 4 ohms loudspeaker could be directly powered by the built-in 10W power amplifier.

It is also designed of local end-user program selection from server by remote control. Local volume also could be adjusted by remote control. Remote control is also could be used to write and change the IP address. Password is needed to access control the equipments to avoid unintentional error.

The network audio adapter also is designed with a local microphone input and a local line input, a volume control could be used to adjust the speaker loudness. Two levels of priority output: Voice evacuation system with highest priority and local input with secondary priority over program source. However, the local input and program source priority could be customized.

Features

- * 4.3 inch LCD screen, humanized operation interface
- * IP network amplifier for background music and paging system use
- * With speaker line backup feature to switch network source into local standby PA system speaker line
- * Paging function: Realize individual or multi terminals paging, group zones or all zones paging from the computer.
- * Build-in order programmed collect module it can realize the real time signal collect function.
- * IR remote control optional, all operations can be done on the remote control.
- * Built-in 10W digital Class-D power amplifier.
- * AUX output, connect to external amplifier.
- * Support local mic, line input, volume control.
- * Build-in 3 grades priority function
 - A. Local signal priority: Local signal input priority, and priority can be preset, internet music has function of background music.
 - B. Emergency broadcast priority: when emergency broadcast priority input, broadcast signal will close the local signal input automatically to play network emergency broadcasting signal.
 - C. Local signal compulsive priority: under the circumstance of broadcasting, can start on the local compulsive priority function to achieve local emergency broadcasting function.

Specifications

Model	T-6705B
Network Input	Standard RJ45x3, 1 Input, 2 Output
Protocol Support	TCP/IP, UDP, IGMP (group broadcasting)
Audio Formats	MP3/MP2
Sampling Rate	8K~48KHz
Transmit Speed	10Mbps
Audio Format	16 digit stereo CD tone
Frequency Output	20Hz~16KHz
THD	≤ 0.3%
S/N	≥ 70dB
Speaker Output Impedance And Rated Power Output	4 Ω, 10W Industrial Standard Screw terminals
Aux Line Voltage Input	2x400mV Industrial Standard Screw terminals
Sources Voltage Output	2x775mV Industrial Standard Screw terminals
Mandatory Input	0V Industrial standard screw terminals
Source Impedance Output	1K Ω
MIC Input S/N	10mV
Working Temperature	5°C~40°C
Working Humidity	10%~90%
Power Consumption	≤ 40W
Power Supply	~110V/60Hz or ~230V/50Hz
Dimensions	359x245x65mm
Weight	4.20Kg

Rear Panel

