



IP Network Speaker

T-6707BGI

Embedded software: digital IP network terminal embedded software V2.0



Descriptions

It is suitable for program broadcasting and local broadcasting in ordinary classrooms, multimedia classrooms, offices, conference rooms and other places.

Features

- * Wall-mounted design, aluminum alloy integrated structure design, exquisite and beautiful.
- * With embedded PC technology and DSP audio processing technology, using high-speed industrial-grade chips to ensure start time less than 1 second.
- * Built-in single network hardware audio decoding module, support TCP/IP, UDP, IGMP (Multicast) protocol, transmit 16-bit audio signal as same as CD quality through network transmission.
- * Built-in 2 x 30W(MAX) power amplifier module, can select the network power, support left and right channel volume balance and adjustment.
- * Built-in analog audio signal backup module, support constant voltage 100V signal input, when the device detects that there is no signal input (including disconnected network, power off state), it will automatically switch to input constant voltage signal.
- * Built-in 2.4G wireless audio module, transmission frequency: 2.40MHz-2.53MHz, high fidelity, good anti-interference. It is the highest 64K @16bit*2 in the industry, with HDCD sound quality, the best sound quality. Sound delay (<0.5ms). Response frequency: 80Hz—16kHz.
- * 2.4G microphone supports volume adjustment function.
- * Realize encrypted transmission; the receiver supports automatic frequency sweep function, which can easily avoid interference.
- * Charging function, with charging management, support for working while charging, Type-C port for charging, universal mobile phone charger.
- * 1-channel line (AUX) and 1-channel microphone (MIC) input interface, with independent volume and treble and bass adjustment, and support offline paging function.
- * Built-in audio processing circuit, support multi-channel signal amplification and mixing, and support 3-level audio signal priority management.
- * Support 1000-level custom audio priority mute control, various task priority levels in the system can be freely set.
- * Support PSTN phone broadcast and text broadcast.
- * Support WIFI on demand and on demand of wireless remote control.
- * Authorization operation management functions, support the server configuring and managing the user and password.
- * Support play function work normally and smoothly during digital audio breakpoint to ensure Broadcast synchronization.
- * Support automatic search and modification of IP addresses, and support remote firmware upgrade of the terminal by the PA system, without local upgrade of the terminal, reducing the work intensity of maintenance personnel.
- * Support DHCP, compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, multicast, unicast, etc.
- * Support prompt function of new configuration intelligent voice reminder.
- * Support ESD protection. Built-in network isolation anti-thunder processing circuit.
- * 1-channel PC download IP address serial port to modify the IP address of the network decoding module.
- * Digital products, easy to expand, not limited by geographical location, no need to increase equipment room management equipment, adopting the simple installation of common network and free line construction.

Specifications:

Network Interface	Standard RJ45 input
Communication Protocol	TCP/IP, UDP, IGMP (multicast)
Audio Format	MP3
Sampling Rate	8kHz~48kHz
Transmission Speed	100Mbps
Audio Mode	16-bit CD sound quality
Output Frequency	80Hz~16kHz
THD	≤1%
SNR	>70dB
Auxiliary Line Input Level	350mV industry standard connecting terminal
MIC Input Sensitivity	5mV
Module Frequency	2.40MHz—2.53MHz
Module Pairing	Automatic
Module Pairing Distance	≤3 m
Temperature	5°C~40°C
Humidity	20%~80% relative humidity, no condensation
Power Consumption	≤70W
Input Power Supply	~190-240V 50-60Hz
Dimensions	180 x 190 x 280mm
Weight	5.4kg