



## SA-7004 IP Network Active Loudspeaker



### Product Overview:

Professional wall-mounted network audio decoding speaker, built-in network decoding module, digital stereo constant resistance power amplifier and high-fidelity speaker. It can be used by directly connecting to the network, and each speaker can be used as an independent partition, which is suitable for hotel rooms, classrooms, etc.

### Features:

1. Integrated wall-mounted design, wooden box, exquisite and beautiful, exquisite craftsmanship
2. It integrates IP network audio decoding, digital power amplifier and speaker. The audio adopts the form of hard decoding and integrates the IP network hardware decoding module. It can receive the music transmitted remotely from the server and play it in real time. At the same time, it can receive one-way broadcast call function.
3. The equipment adopts industrial dual-core processing chip (ARM + DSP), and the startup time is less than 1 S.
4. Built-in network IP decoding module, it can play network music and call function in real time. The network delay time of the acquisition play and call functions is less than 30 mS.
5. Built-in 2 × 20 W digital power amplifier, less heat, higher efficiency, CD level perfect sound quality. It has a set of auxiliary speaker output interface with output power of 8 ohms and 20 W
6. One microphone input, one line input, each with independent volume adjustment, suitable for on-site local amplification and broadcasting functions.
7. The terminal is equipped with high and low volume adjustment, and the total audio output is also equipped with total volume adjustment control, which is convenient for installation and debugging.
8. Priority function: network alarm is the highest priority. The local MIC and AUX are of the same level, their level is adjustable.



9. Microphone reverberation adjustment potentiometer is installed inside, which can make the voice more full and elastic.
10. The terminal can support the passive end of the call, and the two parties can communicate with each other, and the communication delay time is less than 30 mS.
11. The terminal will automatically enters the sleep state when there isn't any signal input, and the power amplifier output has no noise.
12. Built-in 5.5-inch bass + 3-inch treble hi-fi speaker unit, with clear and beautiful sound quality.
13. One 10/100M RJ45 network switch interface as standard, supporting LAN and WAN

### Technical parameters:

Network interface	Standard RJ45 × 1
Transmission rate	10M/100Mbps
Audio format	MP3/MP2
Sampling rate	16K~48KHz
Audio mode	16-Bit Stereo CD Quality
Input sensitivity	MIC: 10mv/AUX:250mv
Output frequency	20Hz—20KHz
Support agreement	TCP/IP, UDP, IGMP (Multicast)
Harmonic distortion	≤0.3%
Signal to noise ratio	≥90dB
Built-in speaker impedance and power	8Ω, 20W
External loudspeaker impedance and power	8Ω, 20W
Line output level, impedance	775MV、1KΩ
Work environment	Working temperature: -20 °C ~ + 60 °C. Operating humidity: 10% ~ 90%
Supply voltage	AC 110/115/120/220/230/240V,50-60Hz
Power consumption	≤50W