



SA-7016(G) IP Network Audio Adapter (Backup)



Product Overview:

Wall-mounted IP network audio encoding and decoding terminal, built-in stereo constant resistance power amplifier, suitable for configuration in hotel rooms, classrooms, etc.

Features:

1. Standard wall-mounted design, aluminum alloy integrated structure, exquisite and beautiful, exquisite technology.
2. The equipment adopts industrial dual-core processing chip (ARM + DSP), and the startup time is less than 1S.
3. Built-in network IP decoding module 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.
4. Built-in high-performance active/standby switching detection module, the active/standby switching time is less than 0.3 seconds when the network is disconnected / connected.
5. One 100V constant voltage signal backup input, which can be switched to the backup channel only when the machine has no network. Avoid crosstalk between that local signal and the backup signal.
6. Built-in 2 × 20 W digital power amplifier, less heat, higher efficiency, CD level perfect



sound quality.

7. One microphone input, one line input, one line output, suitable for on-site local public address broadcast function.
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. With a short circuit input and a short circuit output interface, it is convenient for users to expand.
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. The terminal panel is equipped with power indicator, network connection indicator and audio signal output detection indicator, so that the working status of the terminal is clear at a glance.
13. One 10/100MRJ45 network switch interface is 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
Output impedance and power of external loudspeaker	8Ω, 2×20W
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	≤5W