



### Feature:

1. First-class balanced indoor wall-mounted speakers, ABS plastic shell (black and white optional, iron mesh)
2. The equipment is designed with embedded computer technology and DSP audio processing technology
3. High-speed industrial-grade chips are used, and the startup time is less than 1s
4. Built-in 1-channel network hardware audio decoding module, supporting TCP/IP, UDP, IGMP (multicast. protocols)
5. Realize network transmission of 16-bit stereo CD-quality audio signals
6. Built-in Class D 2×25W amplifier circuit, with exquisite sound quality and strong power
7. It has the function of actively taking over tasks when the network and server are disconnected, and can realize automatic playback when the terminal is disconnected
8. It has a built-in 4G large-capacity memory, and the program is transmitted to the SD card through the network for storage
9. Built-in high-precision timing digital clock chip, power-off timing is not less than 3 years, and it has network time synchronization function
10. High-strength mica carbonized polypropylene diaphragm provides clear language performance
11. 1 line and 1 microphone input interface, with independent volume adjustment
12. Built-in analog audio signal backup module, supporting constant voltage 100V signal input
13. When the device detects that there is no network signal input or power is off, it automatically switches to input constant voltage signal amplification to achieve dual line redundancy
14. Network audio signal can be adjusted locally
15. The device IP address has a reset button, and the initial settings can be restored when the IP address is lost
16. Built-in audio processing circuit, supports multi-channel signal amplification and mixing, and supports 3-level audio signal priority management
17. Support 1000-level custom audio priority silent control
18. Support PSTN telephone broadcast, support SMS voice broadcast
19. Support mobile WIFI on-demand, support wireless remote control on-demand
20. Support server unified authorization operation management function, unified configuration management user and password
21. Support DHCP, compatible with routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, multicast, unicast and other network structures
22. Support intelligent voice prompt function when registering new terminal configuration (if the device is connected.
23. Support 15KVESD protection, built-in network isolation lightning protection processing circuit
24. 1 PC download IP address serial port, used to modify the network decoding module IP address
25. Digital network products, easy to expand, not restricted by geographical location, no need to add computer room management equipment

26. Adopt the design concept of common network free line construction, easy to install

27. The equipment power supply adopts switching power supply design, AC100~240V voltage can work normally

### Specification:

Network interface	standard RJ45
Support protocols	TCP/IP, UDP, IGMP (multicast)
Audio format	MP3/MP2
Sampling rate	8K~48KHz
Transmission rate	100Mbps
Audio mode	16-bit stereo CD quality
Output frequency	80Hz~16KHz
Harmonic distortion	≤1%
Signal-to-noise ratio	> 70dB
Rated power	2×25W (8Ω) standard plug-in terminal
Line input sensitivity	350mV standard plug-in terminal
MIC input sensitivity	5~10mV
Ambient temperature	5°C~40°C
Ambient humidity	20%~80% relative humidity
Power consumption	≤70W
Input power	AC100~240V 50Hz
Dimensions	245×162×182mm
Weight	5.3Kg