



Feature:

1. This network-connected wall-mounted ABS engineering plastic speaker features a fully digital analog-to-digital signal processor based on the TCP/IP transmission protocol. Intelligently controlled by a master control system, it can play background programs, emergency paging, alarm signals, and more
2. Fully digital design, high fidelity, and excellent voice transmission performance
3. Built-in 2 x 20W high-quality digital amplifiers, compatible with external sub-amps, and low power consumption
4. Highly reliable design with a long lifespan, mean time between failures (MTBF) > 100,000 hours
5. Features overvoltage, overheating, and short-circuit protection
6. Supports offline playback, built-in 4GB storage, and built-in offline local scheduled playback. Scheduled programs can be backed up to an SD card and automatically backed up
7. Professional DSP audio processing chip with 10-band parametric equalization for high-fidelity CD-quality sound
8. Receives emergency paging calls independently of the server, with volume automatically adjusted to the set value
9. Supports DHCP and static IP network modes; supports AUTO IP function: If no IP address is obtained in DHCP mode, it automatically switches to a temporary IP address
10. Supports automatic standby mode for energy saving when no music signal (including local audio signal) is present
11. Supports U-band wireless microphone function
12. Supports customizable terminal priority settings
13. 1 local MIC, 1 LINE IN input, and 1 LINE OUT output for convenient local expansion
14. High and low volume adjustment, as well as a master volume control for the main audio output, facilitates installation and debugging
15. Supports SIP standard communication protocol

Specification:

Network interface	Standard RJ45 input
Power input	DC24V/2A, AC220V 50Hz/60Hz
Transmission rate	100Mbps
Supported protocols	TCP/IP, UDP
Audio format	MP3
Audio mode	16-bit CD quality
Sampling rate	8kHz to 48kHz
Amplifier rated power	2 x 20W
Speaker unit	4.5 x 1+ 1*1
Sensitivity (1m, 1W)	90±2dB
MIC Sensitivity	10mV

Frequency Response	95-20kHz
Distortion	≤1.0%
Signal-to-Noise Ratio	≥75dB
Operating Temperature	-20°C to +60°C
Dimensions	176×170×255mm
Net Weight	2.4kg