



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 operation when no music signal (including local audio signal) is present
11. Supports 100V network and power failure backup, with a switching time of less than 0.03 seconds
12. Supports U-band wireless microphone function
13. Supports customizable terminal priority settings
14. 1 local MIC, 1 LINE IN input, and 1 LINE OUT output for convenient local expansion
15. High and low volume control, as well as a master volume control for the main audio output, facilitates installation and debugging
16. 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 x 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	2.9kg