



Feature:

1. This network-connected wall-mounted wooden 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 from the master control system
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, a 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, and automatically adjusts the volume 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	AC220-240V 50Hz/60Hz or DC24V 2A
Transmission rate	100Mbps
Supported protocols	TCP/IP, UDP, and SIP standard communication protocol
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 + 2.5 x 1
Sensitivity (1m, 1W)	88 ± 2dB
MIC sensitivity	10mV
Frequency response	100-18kHz
Distortion	≤1.0%
Signal-to-noise ratio	≥75dB
Operating temperature	-20°C to +60°C
Dimensions	180 × 140 × 280mm
Net weight	3.2kg