

Functions and Features:

1. The single device integrates network audio decoding, digital power amplification modules, and loudspeaker units, highly integrated, greatly simplifying the system architecture and reducing installation and wiring costs;
2. Built-in high-fidelity speakers and stereo Class D power amplifiers that highly restore human voice and music effects;
3. Built-in loop detection function, which allows remote monitoring of the speaker's working status via the network at any time, providing real-time control over the device's operation without the need to send personnel to check each terminal, greatly reducing labor costs and management maintenance costs;
4. Unique sound detection sensor system, using spectral analysis, monitors the loudspeaker's audio output unit in real-time, capable of detecting whether the speaker's cone unit is playing sound normally, not just monitoring the power supply, network, or built-in amplifier status of the speaker;
5. Built-in identity card system and data backup and self-recovery system, supports one-action automatic restoration of all backup configuration information and automatic online, no need to connect to a computer with software for configuration, no need for specialized personnel, only ordinary workers can operate and maintain;
6. The terminal supports remote updates through service software;
7. Standard RJ45 network interface, can be connected wherever there is an Ethernet port, supports cross-subnet and cross-router;
8. Automatically enters low power consumption mode without signal, automatically turns on working mode with signal, supports volume adjustment through service software.

Technical Specifications:

1. Unit combination: Speaker unit 6.5 inches + 20-core silk diaphragm tweeter;
2. Interfaces: DC12V1A power supply ×1; RJ45 network port ×1; IC card slot ×1
3. Peak power: 28W

4. Rated power: 20W
5. Sensitivity: $\geq 80\text{db}$;
6. Distortion: $< 2\%$;
7. Signal-to-noise ratio: $\geq 70\text{db}$;
8. Frequency response: 120Hz \sim 15KHz;
9. Amplifier signal-free delay silent period: 1 second;
10. Effective projection angle: $\geq 85^\circ$;
11. Effective projection distance: With an installation height of 2.5 \sim 3.2 meters, the projection distance is 15 meters.