



## Description

The digital network decoding module is integrated with the speaker, which is suitable for playing recorded voice files or background music programs in ordinary classrooms, multimedia classrooms, offices, conference rooms, prisons, hospital departments, subways and other places.

## Features

- \*Professionally designed as an integrated wall-mounted speaker, the entire structure is exceptionally robust. The enclosure adheres to the principles of sound resonance, resulting in a beautifully elegant appearance.
- \*The equipment is designed with embedded computer technology and DSP audio processing technology.
- \*Built-in 1-channel network hardware audio decoding module, supports TCP/IP and UDF protocols, and realizes network transmission of 16-bit CD-quality audio signals.
- \*It has 1-channel line (AUX) input interface with independent volume potentiometer control.
- \*Built-in digital power amplifier, one channel connected to the main speaker and one channel to expand the external sub-speaker; the sound quality is very delicate and the power is strong; it has network volume setting.
- \*Compatible with any network structure such as routers, switches, bridge gateways, Modems, Internet, 2G, 3G, 4G, etc.
- \*Digital products are easy to expand, are not restricted by geographical location, do not require additional computer room management equipment, adopt the design concept of common network and line construction-free, and are easy to install.
- \*The broadcast system supports remote firmware upgrades for terminals, eliminating the need to perform local upgrades on the terminals, thus reducing the workload of maintenance personnel.
- \*Built-in 2-level priority function design.  
(1)AUX is at the same level as the network background music signal and is mixed and output.  
(2)Network alarm signals take priority over AUX and network background music signals.

## Specification

Network interface	Standard RJ45 *1
Supporting agreement	TCP/IP, UDP
Audio format	Mp3
Sampling rate	8k Hz - 48k Hz
Transmission rate	100 Mbps
Audio mode	16-bit CD quality
Rated power	2 × 8W (MAX), one of which is for external speaker power
Total harmonic distortion	THD ≤ 1 %
Frequency response	150 Hz - 16 k Hz +1dB/-3dB
Signal-to-Noise Ratio	≥ 68 dB
Operating temperature	5 °C ~ 40 °C
Working humidity	20% ~ 80% relative humidity, no condensation
Power supply	POE (IEEE802.3at)
Power consumption	25W
Dimensions (L x W x H)	180 × 145 × 270 mm
Net weight	2.1kg