## ▶ Feature:

1. Wall-mounted design, private mold white alloy plastic injection molding, beautiful and elegant craftsmanship

2. The terminal adopts embedded technology and DSP audio processing technology

3. Adopting high-speed industrial-grade chips, the startup time is less than 1s

4. Built-in 2×25W fixed resistance output Class D amplifier module, beautiful sound and strong power

5. Built-in network hardware audio decoding module, supporting TCP/IP, UDP, IGMP (multicast. protocol

6. Realize network transmission of 16-bit stereo CD quality audio signals

7. Stereo audio channel output, can be connected to an external power amplifier or active speaker

8. Stereo line input, 1 microphone input, with independent volume adjustment switch

9. 1 U disk input interface, can realize local U disk playback function

10. 1 short-circuit signal input, can be connected to the linkage trigger signal, can trigger the terminal alarm in an emergency

11. 1 short-distance signal output, can be linked to trigger other devices in an emergency

12. The 2.4G microphone has a long transmission distance. After the connection is successful, it can stably transmit audio data in an open area greater than 20 meters

13. 4G+ automatically searches for channels with less interference and completes automatic pairing to ensure that the product does not cross-frequency, has strong anti-interference and stable transmission

14. Expanded multiple 2.5G channels, effectively avoiding 2.4G signal interference such as WIFI/Bluetooth

15. Adopting 64kHz/16bit sampling rate to meet the requirements of high-quality audio transmission

16. Adopting two automatic anti-howling algorithms of frequency shift/notch, effectively suppressing howling while ensuring the pickup distance

17. Built-in true reverberation function, effectively improves the speech quality, makes the speech not dry and laborious, and the reverberation level is adjustable

18. Supports one-button mute function, after muting, AUX (3.5 audio input interface. can still transmit audio normally

19. Supports built-in microphone and external microphone, and can be configured with head-mounted microphone or lavalier microphone

20. Supports AUX audio input, uses the universal 3.5mm interface, and unique stereo audio signal wireless transmission

21. Supports laser pointer and automatic PD control technology to prevent safety accidents caused by excessive laser power. It is strictly forbidden to irradiate the eyes

22. Support PPT page turning:PPT page turning module supports hot plugging and does not require driver software

23. Base charging design, humanized design, built-in strong magnet automatically attracts close to ensure good charging contact, and supports MICRO USB charging

24. LCD display, display connection status, power (charging display., volume, PPT function, etc.

25. All settings have automatic power-off memory function, and personalized settings are more convenient to use

26. Automatic audio energy detection, when no speech or audio input is detected, the module can output a control signal to control the amplifier to mute

27. With power saving mode, when the device is turned on without connection or button for 5 minutes, it will automatically shut down; if there is no button operation within 1 hour after successful connection, it will automatically shut down

28. Small size, ultra-low power consumption design, Chinese/English menu display

29. Sandstone black hand-feel paint process, creating an excellent feel

30. Terminal amplifier power automatic management, support software programming pre-opening function

31. Support intelligent voice prompt function when registering new terminal configuration (if the device is connected.

32. It has 1000 levels of custom audio priority silent control function

33. It has unified server authorization operation management function, unified configuration management user and password

34. It has breakpoint playback function of digital audio time lapse to ensure broadcast synchronization effect

35. It has PSTN telephone broadcasting and supports SMS voice broadcasting function

36. It has mobile WIFI on-demand function and supports wireless remote control on-demand function

37. It supports DHCP and is compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, multicast, unicast, etc.

## ▶ Specification:

| | |
|---|---|
| Network interface | standard RJ45 input |
| Support protocols | TCP/IP, UDP, IGMP (multicast) |
| Audio format | MP3/MP2 |
| Output power | 2×25W fixed resistance |
| Frequency response | 50Hz~18KHz |
| Sampling rate | 8K~48KHz |
| Transmission rate | 100Mbps |
| Audio mode | 16-bit stereo CD quality |
| Harmonic distortion | ≤0.3% |
| Signal-to-noise ratio | ＞70dB |
| Audio source output level | 1000mV industrial standard crimping terminal |
| Audio source output impedance | 470Ω |
| Ambient temperature | 5℃~40℃ |
| Ambient humidity | 20%~80% relative humidity |
| Power consumption | ≤36W |
| Input power | ~220V 50Hz |
| Dimensions | 220×160×43mm |
| Weight | 1.28Kg |