FionTu

Feature:

1. Made of high-grade 2U aluminum alloy frosted panel
2. Can be mounted anywhere the network reaches, using the network transmission protocol independently developed by the network, dynamic audio data transmission
3. Network playback function, can play the program source sent by the network host or the audio stream of the network audio collector
4. Can play background music, emergency paging, alarm signals, etc. from the system host. The network program source has a priority management function of more than 7 levels, which is divided into three categories: background broadcast, business broadcast, and emergency broadcast
5. Supports configuration of terminal priority custom settings
6. Supports offline playback function, built-in 4G storage, built-in offline local timed point playback function, timed program backup is stored in the SD card, and automatic backup of timed programs Click on the program
7. Professional DSP sound processing chip, supports 10-band parametric equalization sound processing, with high-fidelity CD sound quality
8. Adopts high-fidelity CD sound quality decoding chip, supports up to 48KHZ sampling rate 16bit MP3/WMA/WAV/PCM audio stream data decoding
9. With 4.3-inch touch screen, it can display IP address, AUXIN, AUXOUT, MIC, spectrum and other information
10. 4 adjustment buttons, 1 direction knob, can set IP address, AUXIN, MIC1/2 and other information
11. The panel integrates 3 status indicator lights, the working status is clear at a glance, 1 network connection status display, 1 signal status display, 1 power display
12. Front The board has a USB interface and supports MP3/WMA/WAV/PCM audio stream data decoding
13. There is an external 1-way AUXIN line input and 1-way AUXOUT line output on the back, which is convenient for expanding other local audio source broadcasts and local power expansion
14. There are 2 external local MIC inputs on the back, which is convenient for expanding local microphone access
15. There is an external forced DC24V output on the back
16. It supports automatic standby energy-saving working mode without music signal (including local audio signal)
17. It has a built-in high-efficiency digital power amplifier, 70V/100V constant voltage output and 4-16Ω constant resistance output, with an efficiency of more than 90%
18. It has overvoltage, overheating, short circuit and other protection functions

Specification:

Network Interface	Standard RJ45 input
Transmission rate	100Mbps
Support protocols	TCP/IP, UDP, support SIP standard communication protocol
Audio format	MP3

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Audio mode	16-bit CD sound quality
Sampling rate	8KHz~48KHz
Amplifier rated power	120W
Audio input sensitivity	0-1.0V
Audio output sensitivity	1.0V
EMCIN sensitivity	100V
MIC1/2 sensitivity	0-30mv
Frequency response	80Hz~16KHz
Distortion	≤1.0%
Signal-to-noise ratio	≥75dB
Working environment temperature	-20℃~+60℃