



### Feature:

1. Made of high-grade 2U aluminum alloy frosted panel
2. Can be mounted anywhere the network reaches. Utilizes a proprietary network transmission protocol for dynamic audio data transmission
3. Network playback function, capable of playing program sources sent from a networked host or audio streams from a networked audio collector
4. Supports playback of background music, emergency paging, alarm signals, and more from the system host. Network program sources feature over seven levels of priority management, divided into three categories: background broadcast, business broadcast, and emergency broadcast
5. Supports customizable terminal priority settings
6. Supports offline playback, built-in 4GB storage, built-in offline local scheduled playback, and automatic backup of scheduled programs to an SD card
7. Professional DSP audio processing chip, supporting 10-band parametric equalization, and delivering high-fidelity CD-quality sound
8. Utilizes a high-fidelity CD-quality decoding chip, supporting MP3/WMA/WAV/PCM audio streams with a maximum sampling rate of 48kHz and 16-bit
9. Features a 4.3-inch touchscreen display that displays the IP address, AUX IN, and AUX OUT, MIC, spectrum, and other information
10. Four adjustment buttons and a directional knob for setting IP address, AUX IN, MIC 1/2, and other information
11. Three integrated status indicators on the panel provide clear operating status: one for network connection status, one for signal status, and one for power
12. Front panel USB port supports MP3/WMA/WAV/PCM audio stream data decoding
13. Rear external AUX IN input and one AUX OUT line outputs facilitate expansion of local audio sources and local power expansion
14. Two external local MIC inputs on the rear panel facilitate expansion of local microphones
15. External DC24V overriding output on the rear panel
16. Automatic standby mode for energy saving when no music signal (including local audio) is present
17. Built-in high-efficiency digital amplifier with 70V/100V constant-voltage output and 4-16 $\Omega$  constant-resistance output, achieving over 90% efficiency
18. Overvoltage, overheating, and short-circuit protection features
19. Supports SIP standard communication protocol

### Specification:

|                     |                                                      |
|---------------------|------------------------------------------------------|
| Network Interface   | Standard RJ45 input                                  |
| 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    | 800W              |
| Audio Input Sensitivity  | 0-1.0V            |
| Audio Output Sensitivity | 1.0V              |
| EMC Input Sensitivity    | 100V              |
| MIC 1/2 Sensitivity      | 0-30mV            |
| Frequency Response       | 80Hz~16kHz        |
| Distortion               | ≤1.0%             |
| Signal-to-Noise Ratio    | ≥75dB             |
| Operating Temperature    | -20°C to +60°C    |
| Dimensions               | 482×300×88mm      |
| Net Weight               | 8.5kg             |