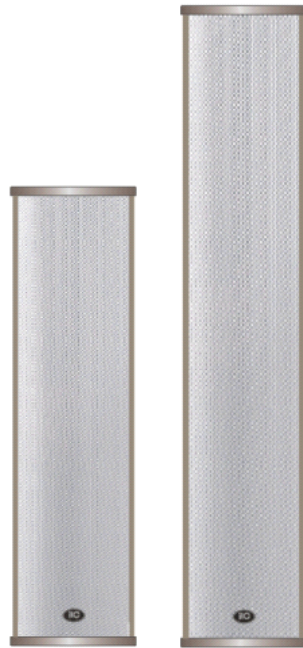# IP Network Column Speaker
T-7882/ T-7884

Application:

Integrated design of digital network decoding module and column speaker, aluminum alloy waterproof and rust-proof shell structure; can be installed in outdoor in various broadcast management areas, suitable for program and local broadcasting in outdoor places such as parks, squares, streets, tourist attractions and so on.

Features:

* Professional integrated structural design, good box sealing performance, fast-conducting all-copper nickel-plated grounding post. Meets the requirements of outdoor harsh environment and safety requirements, and meets the certification requirements of IP54 protection level.
* Based on Luna cloud server, the product has high security and excellent stability, and supports 7×24 hours of uninterrupted work.
* Built-in 8GByte SSD, support server remote management, support when under limited bandwidth can download backstage or idle time automatic download function, reduce network burden, media library file can enable offline automatic play function.
* Rich network access methods, including automatic DHCP access, smart ADSL dial-up access, and fixed IP address access.
* Integrated 24Bit professional-grade sound card for audio-grade audio playback with a maximum audio stream of 768kpbs.
* Built-in network digital audio decoding module, support IP / TCP, UDP, IGMP (multicast) and other communication protocols, to achieve networked transmission of 16-bit CD sound quality.
* The terminal supports compatible standard SIP protocol docking, and can be connected to the VOIP telephone system (mainstream IP-PBX such as Aserisk) for communication.
* Built-in one-button restore factory function to maximize system maintenance and management.
* Built-in digital power amplifier module, fine sound quality and powerful power. According to the project requirements, 15W/30W/45W/60W different power models can be selected.
* Supports the broadcast system to perform remote firmware upgrades on the terminal, without having to go to the terminal for local upgrade, reducing the work intensity of maintenance personnel.
* Customizable 24V DC power supply to meet outdoor solar battery power supply needs.

Specifications:

Model	T-7882	T-7884
Internet Interface	Standard RJ45 input	
Transmission Speed	100Mbps	
Support Protocol	TCP/IP, UDP, IGMP (Multicast) IETF SIP	
Audio format	Mp3, WMA, WAV	
Audio Mode	16-bit CD sound quality	
Sampling Rate	8K~48KHz	
Frequency response	130Hz~16KHz +1dB/-3dB	
Rated power	30W	60W
Total harmonic distortion	≤1%	
SNR(Signal to noise ratio)	≥65dB	
Protection level	IP54	
Operating temperature	-20℃~60℃	
Working humidity	20% to 80% relative humidity, no condensation	
Operating Voltage	~220V 50Hz	
Machine power consumption	≤45W	≤95W
Speaker unit	4"×2	4"×4
Size	150×145×574mm	150×145×814mm
Weight	5.5kg	7.5kg