



Product Usage

This product is a professional integrated horn loudspeaker with POE power supply and audio decoding module with network transmission. It is suitable for public broadcasting sites that need simplified wiring, prisons, pedestrian streets, parks, new rural areas, etc.

Features

- * The product is based on Luna cloud server, with high security and excellent stability, and supports 7×24 hours of uninterrupted work
- * Built-in 8Gbyte FLASH media library storage unit, support server remote management, support limited bandwidth background download or idle time automatic download function, reduce network burden, media library file can be offline automatic play function.
- * Built-in integrated 24Bit professional-grade sound card module, can achieve audio-grade audio playback, the highest audio stream can reach 768Kbps. Full digital network transmission, support TCP/IP, UDP, IGMP (multicast), IETF SIP and other communication protocols
- * Fully compatible with POE (IEEE 802.3at) standard power supply mode, only need to connect to the POE switch with the network cable, the construction is simple and convenient. The maximum connection distance is 80 meters.
- * It's necessary to correctly connect multiple network terminals at the same time according to the power of different brands and models of POE switches, to avoid transient power protection in POE switches and misunderstand network terminals.
- * The terminal supports compatible standard SIP protocol docking, and can be connected to the VOIP telephone system (mainstream IP-PBX such as Asterisk) for calling.
- * The internal circuit has an automatic voltage limiting function, so that the digital power amplifier is always in the performance optimization and efficiency, and the standby noise ratio is $\geq 68\text{dB}$
- * Specific high-band, high-sensitivity PA unit with abundant power and clear and loud sound quality
- * Support server unified authorization operation management function, unified configuration management user and password function; support level 100 custom audio priority silent control function
- * Support LAN and WAN applications, compatible with any network architecture such as routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, multicast, unicast, etc.
- * Support system background WEB to view device status and management device information; support broadcast system to remote firmware upgrade of terminal, no need to local upgrade of terminal; internal key-to-factory reset function; reduce maintenance staff's work intensity.

Specifications

Model	T-S7820
Power supply	POE Power supply
Power consumption	30W(IEEE 802.3at)
Network interface	standard RJ45 input
Transmission rate	100Mbps
Support protocol	TCP/IP, UDP, IGMP(Multicast), IETF, SIP
Audio format	MP3/WMA/WAV
Audio mode	16bits CD sound quality
Sampling rate	8K~48K
Peak power	25W
Speaker sensitivity	104dB
Frequency response	300Hz~14KHz(+1/-3dB)
Harmonic distortion	$\leq 0.1\%$
Signal to noise ratio	$\geq 68\text{dB}$
Size	335×335×355mm
Weight	3.3Kg