IP network power amplifier terminal T-7760B
Embedded: Digital IP network platform terminal embedding software V2.02

Description:
Installed in weak power room or sub-control room of each broadcast management area, it has built-in high-fidelity power amplifier, suitable for the halls, corridor, outdoor and other areas of the program broadcast and local radio.

Features:
*Standard 19-inch rack design with a black anodized brushed aluminum panel, sturdy handles, and professional mechanical assembly craftsmanship, giving the machine a very high-end appearance.
*Industrial-grade 3.4-inch LCD display that clearly shows most dot matrix patterns and the machine's working status; supports infrared functionality, allowing content from the on-demand server program library to be accessed with an infrared remote control and enabling flexible and simple playback/pause control.
*With embedded computer and DSP audio processing technology.
*Built-in 1-channel network hardware audio decoding module supports TCP/IP and UDP, achieving network transmission of 16-bit CD-quality audio signals.
*Equipped with a high-fidelity professional digital amplifier, featuring a power output of 60W at constant voltage (100V).
*1-channel AUX line input and 1-channel microphone (MIC) input interface with independent volume and bass/treble adjustment potentiometers, supporting local paging function in case of network disconnection.
*1-channel EMC input interface, with emergency alarm voice signals passed through, having the highest priority.
*1-channel auxiliary audio signal output interface for connecting external power amplifiers, featuring standard RCA connectors, making wiring connections very convenient.
*1-channel three-wire audio control emergency override output interface, no need for power override.
*Built-in intelligent power management; automatically cuts off amplifier power when there is no music or call, and automatically turns on the amplifier power when there is a signal, with support for IP software programming to pre-open the amplifier power.
*Built-in 3-level priority settings:
EMC has the highest priority.
Network alarm signals take precedence over MIC, AUX, and network background music signals.
MIC takes priority over AUX and network background music signals.
AUX and network background music signals are at the same level with no priority.
*Supports mute intensity preset reduction functionality and background accompaniment preset functionality; includes status lamp display, such as level indicator, protection indicator, standby indicator, etc.
*Compatible with routers, switches, bridge gateways, Modems, Internet, 2G, 3G, 4G, and any network structure.
*Digitized product with easy expansion, location-independent, no need to add equipment for data center management, designed for shared network and installation convenience.
*Supports remote firmware upgrades for terminals through the broadcasting system, eliminating the need for local upgrades and reducing maintenance workload.
*Features USB playback functionality with USB drive input; when paired with an infrared remote control, it can play any song along with previous/next tracks, pause, stop, etc. (or select panel button operation).
*1-channel short-circuit input that can be used to trigger preset voice prompts (or alarms) and can also be used to control access control linkage with short-circuit input signals.
*Comes with a 1-channel 100V constant voltage power backup input interface, allowing for flexible configuration of one main with multiple backups, multiple mains with one backup, or multiple mains with multiple backups for a highly reliable public ringing system.
*Built-in high-performance main/backup switching detection module, switching to backup power input within 0.3 seconds during network, power outages, or machine failures.

Specifications:

Model	T-7760B	T-77120B	T-77240B	T-77350B	T-77500B	T-77650B
Network Interface	standard RJ45 input					
Transmission Rate	100Mbps					
Protocol Support	TCP/IP,UDP					
Audio Format	MP3					
Audio Mode	16 bits CD sound quality					
Sampling Rate	8KHz~48KHz					
EMC Input Sensitivity	775mV (Unbalance)					
AUX Input Sensitivity	350mV (Unbalance)					
MIC Input Sensitivity	5mV (Unbalance)					
AUX Output Amplitude	1000mV 2 lotus flower output interface					
AUX Output Impedance	470Ω					
Treble Adjustment Range	±10dB					
Bass Adjustment Range	±10dB					
USB Interface	Maximum support 16G memory USB access					
Rated Power	60W	120W	240W	350W	500W	650W
Power Consumption	30W	50W	80W	100W	130W	950W
Standby Power Consumption	<10W					
Frequency Response	80Hz~16KHz +1/-3dB					
Harmonic Distortion	≤1%					
SNR	>65dB					
Output Method	100V constant voltage output					
Short Circuit Input	Dry contact input					
Circuit Protection	DC output, overload, over temperature, short circuit protection					
Working Temperature	5℃~40℃					
Working Environment Humidity	20%~80% relative humidity, no condensation					
Power Input	~220V 50Hz					
Size	484 x 346 x 88mm					
Weight	6.8kg	6.9kg				