



# Rack Mount Economic IP Amplifier

## T-7760B/T-77120B/T-77240B/T-77350B/T-77500B/T-77650B



Remote control

### 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, black alumina panel, solid handle, professional mechanical assembly process, the appearance is very high-end.
- \* Industrial-grade LCD display in 3.4-inch , which can clearly display most dot matrix patterns and machine working status; equipped with infrared remote control, it use to any content in the program library of the on-demand server, available to control the play/ pause, flexible and simple operation.
- \* With embedded computer and DSP audio processing technology.
- \* Built-in 1-channel network hardware audio decoding module, support TCP / IP, UDP, to achieve network transmission 16-bit CD audio quality audio signal.
- \* Built-in high-fidelity professional digital amplifier, with 60W/120W/240W/350W/500W/650W constant voltage 100V power output.
- \* 1-channel (AUX) and 1 microphone (MIC) input interface, with independent volume and treble/bass adjustment potentiometer control, support without internet local paging function.
- \* 1-channel EMC input interface, input emergency alarm voice signal is direct connection (Without switching), with the highest priority.
- \* 2-channel audio signal auxiliary output interface, it can expandable by connect external power amplifier, the standard lotus seat interface, wiring connection is very convenient.
- \* 1-channel of three-wire volume control forced cut output interface, without forced cut power supply.
- \* Built-in intelligent power management, when there is no music or call, it will automatically cut off the power of amplifier, when there is signal, it will automatically turn on the power of amplifier, support IP software programming pre-open power amplifier function.
- \* Built-in 3-level priority settings
- \* EMC is the highest priority.
- \* The network alarm signal have higher priority over MIC, AUX and network background music signals.
- \* MIC has higher priority over AUX and network background music signals.
- \* AUX and network background music at the same priority level.
- \* Support silence intensity preset decrease function, support background accompaniment preset function; support status light display, including level indicator, protection indicator, standby light and so on.
- \* Compatible with routers, switches, bridge gateway, Modem, Internet, 2G, 3G, 4G, and any other network structure.
- \* Digitalized products, easy expansion, not limited by geographical location, no need to increase the engine room management equipment, adopt the design concept of common network free line construction, easy to installation.
- \* Support remote hardware upgrade of the terminal, no need to upgrade at the local site, to reduce maintenance burdens and make more simple operation.
- \* With USB playback function, access USB. You can remotely play any song and play the previous, next, pause, stop and other functions (or select panel keys for operation).
- \* One short-circuit input can be used to trigger preset voice prompts (or alarms), and can also be used to control access control linkage input short-circuit signals.
- \* It comes with a 100V constant voltage power backup input interface, which can flexibly form a highly reliable public ringing system with one master multiple slaves, multiple masters one slave, and multiple masters multiple slaves.
- \* The built-in high-performance main/slave switching detection module can switch to the backup power input within 0.3 seconds when the network is disconnected or the machine fails, which meets the requirements of a highly reliable public ringing system.

### 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	90W	180W	370W	540W	750W	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°C~40°C					
Working Environment Humidity	20%~80% relative humidity, no condensation					
Power Input	~220V 50Hz					
Size	484 x 359 x 132mm					
Weight	6.8kg	6.9kg				