



# IP Network Column Speaker

## T-7707LE



### Description:

It adopts the integrated design of digital network decoding module and column speaker, aluminum alloy rust-proof housing, with a 16\*192 dot matrix LED display for text broadcast. It can be mounted on indoor pillars in various broadcast management areas for program broadcasting, such as classrooms and meeting rooms, etc.

### Feature:

- \* All-aluminum integrated wall-mounted speaker design, beautiful appearance, design concept in line with the principle of sound resonance.
- \* Designed with embedded computer technology and DSP audio processing technology.
- \* Built-in 1 network hardware audio decoding module, support TCP/IP, UDP, and realize the network transmission of 16-bit CD-quality audio signals.
- \* Built-in four 3-inch coaxial full-range speaker units can perfectly restore human voice and music.
- \* Built-in class D digital amplifier module, delicate sound quality and strong power.
- \* With an LED dot matrix display, it can display the messages sent from the background; the display resolution is 16\*192 pixels (static display > 12 Chinese characters).
- \* Built-in 8G storage, support importing school bell tasks, and auto-play when offline.
- \* It has the function of automatic time correction, which automatically synchronizes with the clock server when online, realizes the standard network time display function in the classroom, and avoids the difference of offline bell tasks caused by long-term offline state; the built-in clock chip can work normally when the network is disconnected.
- \* Support the publishing function of audio and text messages: receive audio and text messages released by the server or school office computer, in which the text can be automatically synthesized into speech and broadcast to the classroom, and you can also set the left and right dynamic display, static display, display time, time and text display and so on for the text.
- \* Support mobile APP to push text broadcast information in real time. The push method can be set to text push or audio-text synchronous push. Text can be automatically synthesized without audio recording.
- \* Support LAN and WAN applications, compatible with routers, switches and other network architectures.
- \* Built-in digital EQ adjustment, the sound field effect can be adjusted according to the acoustic environment of the installation site.
- \* It can be installed above the push-pull blackboard, flush with the outer edge of the blackboard.

### Specification:

Model	T-7707LE
Network interface	Standard RJ45 input
Communication protocol	TCP/IP, UDP
Audio format	Mp3
Sampling rate	8K~48KHz
Transmission rate	100Mbps
Audio mode	16-bit CD quality
Rated power	30W
THD	≤1%
Frequency response	130Hz~16KHz +1dB/-3dB
LINE OUT output level	1000mV Industry Standard Crimp Terminal Blocks
LINE OUT output impedance	470Ω
LINE IN input sensitivity	350mV industry standard crimp terminal block
SNR	≥73dB
Resolution	16*192 dot matrix
Working temperature	-10 °C~45 °C
Relative humidity	20%~80%, no condensation
Power voltage	~220V 50Hz
Total power consumption	≤75W
Speaker unit	3"×4
Dimension	105×98×1600mm
Weight	10kg