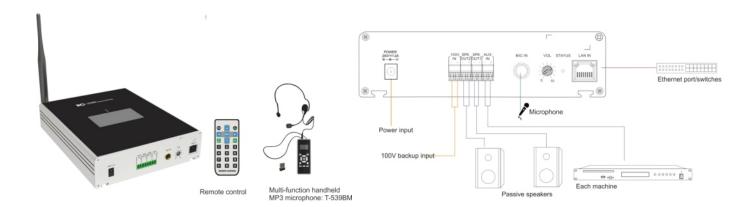# Economic wall-mounted IP terminal - with Constant resistance power amplifier, constant pressure signal backup, with 2.4G Bluetooth MP3/ microphone) T-7705BM

Product Introduction:

It is widely applied to schools, office buildings, convention centers, alarm centers, railway stations and so on. Based on network digital transmission, it fulfills the functions of BGM broadcast, timing ringing task, sound source collection, one way paging, and so on.

Features:

* Standard wall-mounted design, small size, aluminum alloy structure design, excellent manufacture technology and marvelous appearance.
* 3.4-inch LCD screen, with infrared remote control function, easy to operate.
* The equipment is designed with embedded computer technology and DSP audio processing technology.
* Built-in network IP decoding module, can realize real-time broadcast network music and call function; The network delay for capturing playback and call functions is less than 100mS.
* One way 100V constant voltage signal backup input, it will switch to the backup channel. To avoid local signal and backup signal cross talk.
* Built-in high-performance master / standby switch detection module, off the network power off the master/ standby switching time is less than 0.3 seconds, on-line power standby / controller switching time is less than 0.3 seconds.
* Built-in on-demand module, Can realize real-time on-demand function in network media library.
* Built-in 2 x 30W digital amplifier, more efficient with low heat, CD-class perfect sound quality.
* One microphone input, one line input, suitable for local live broadcast function.
 Support connecting with Bluetooth receiver to receive Bluetooth audio for local sound broadcasting.
* Priority function:
1)The network alarm is the highest priority.
2)Local MIC, AUX, 2.4G signal and etwork background music are in same priority level
* Compatible with router, switch, bridge gateway, Modem, Internet, 2G, 3G, 4G, multicast, unicast and any other network structure.
* Equipped with Multi-function handheld MP3 microphone, controller and microphone auto-matching connection distance≤3m, paired connection time≤3s.
* Charging function, with charge management, support to charge when working, TYPE-C socket for charging, general mobile phone charger.
* Built-in MP3 player function, with 8GTF memory card.
* Built-in 2.4G wireless audio module, transmission frequency: 2.40-2.53MHz,, high fidelity, good anti-interference. Support 2.4G wireless microphone for local broadcasting. 64K @ 16bit × 2, with HDCD sound quality effect, the best sound quality. Sound delay (<0.5ms). Response frequency: 80Hz-16KHz.
* 2.4G microphone volume to support the volume adjustment function, built-in microphone reverb function. With laser pointer and PPT page turning function.
* To achieve encrypted transmission, the receiver supports automatic sweep function, easy to avoid interference.
* The frequency distance (power) can be set by yourself
* With recording function
* Effective usage distance is up to 10 meters (depending on usage environment).
* Digital products, easy to expand, not limited by geographical location, no need to increase the management equipment in machine room, sharing a common network and easy to installation.
* It supports remote hardware update of the terminal, no need go to upgrade at the local site, to reduce maintenance burdens and make more simple operation.

Specification:

Model	T-7705BM
StandNetwork Interface	Standard RJ45 input
Support Protocol	TCP/IP, UDP
Audio Format	MP3
Sampling Rate	8K~48KHz
Transmission Rate	100Mbps
Audio Mode	16 bits CD sound quality
Display Screen Size	3.4inch
Display Screen Type	128 x 64 Dot matrix display
Operate Way	Infrared remote control
Remote Control Distance	≤10m, Straight line, barrier-free
Total Kore Wave Distortion	≤1%
Frequency Response	80Hz~16KHz +1/-3dB
SNR	>65dB
AUX Input Sensitivity	350mV Industrial Standard Terminals
MICInput Sensitivity (Unbalanced)	5mV
Working Temperature	5℃~40℃
Working Humidity	20%~80% Relative humidity, no condensation
Power Consumption	≤70W
Working Voltage	~190-240V 50-60Hz, Power adapter DC24V
Size	170 x 210 x 45 mm
Weight	1.5Kg