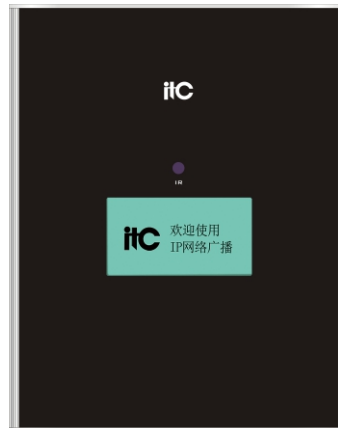




IP Amplifier Terminal T-7705BGS

Embedded software: digital IP network platform terminal embedded software V2.02



Headset Microphone: T-538B

Description:

It supports playing preset BGM, timed bell tasks, collecting audio sources, one-way calling and other functions through the network digital transmission. It is suitable for schools, office buildings, conference centers, alarm centers, station lounges and other places to meet the sound reinforcement requirements.

Feature:

- * Standard wall-mounted design, compact size, aluminum alloy integrated structure, exquisite craftsmanship, full of high-end quality.
- * 3.4-inch LCD display, infrared remote control function, user-friendly operation.
- * Designed with embedded computer technology and DSP audio processing technology.
- * The built-in network IP decoding module can broadcast network music and call functions; the network delay time of collecting, playing and calling functions is less than 100mS.
- * With one 100V constant voltage signal backup input, it switches to the backup channel only when there is no network reception to avoid crosstalk between the local signal and the backup signal.
- * Built-in high-performance main-standby switchover detection module, the main/standby switchover time is less than 0.3S when it is disconnected and powered off, and the standby/main switchover time is less than 0.3S when it is powered on.
- * The built-in AOD acquisition module can realize the real-time AOD function of the network media library.
- * Built-in 2×30W (MAX) digital amplifier, less heat and higher efficiency, CD-level perfect sound quality.
- * With 1 mic input interface, 1 line input interface, and 1 line output interface, it is suitable for on-site local sound reinforcement and broadcasting.
- * It can connect the Bluetooth receiver to receive Bluetooth audio for local sound reinforcement.
- * Priority function: Network alarm ranks the highest priority. Local MIC and AUX, 2.4G and network BGM are at the same priority level.
- * Compatible with any network structure such as routers, switches, bridge gateways, Modem, Internet, 2G, 3G, 4G, etc.
- * Equipped with a headset microphone, the connection distance between the controller and the microphone for automatic pairing is ≤3 meters, and the pairing time is ≤3 seconds.
- * Built-in 2.4G wireless audio module, transmission frequency: 2.405-2.485GHz, high fidelity, good anti-interference, realize local amplification via the 2.4G wireless microphone. 64K @16bit×2, HDCD sound quality, the best sound quality. Sound latency (<0.5ms). Response frequency: 80Hz-16kHz.
- * To realize encrypted transmission, the receiver supports automatic frequency sweep function, which can easily avoid interference.
- * The 2.4G microphone supports volume adjustment function.
- * Support charging function, and charging management, support working while charging, charging through TYPE-C port, with universal mobile phone charger.
- * The frequency pairing distance (power) can be set by yourself.
- * The effective use distance can be up to 30m (related to the use environment).
- * Digital product, easy to extend, no geographical restrictions, no need to add management equipment in the equipment room, no wiring construction for common network, easy installation.
- * Support the broadcast system to perform remote firmware upgrade of the terminal, without the need for on-site upgrade of the terminal, reducing the work intensity of maintenance personnel.
- * With one 485 interface, it can control the volume and priority function through the control panel, as well as check the current network task status of the terminal.



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Specification:

Model	T-7705BGS
Network interface	Standard RJ45 input
Communication protocol	TCP/IP, UDP
Audio format	Mp3
Sampling rate	8kHz~48kHz
Transmission rate	100Mbps
Audio mode	16-bit CD quality
Screen size	3.4 inches
Screen type	128×64 dot matrix display
Operation method	Infrared remote control
Remote control distance	≤10M, straight-line and barrier-free distance
THD	≤1%
Frequency response	80Hz~ 16kHz +1/-3dB
SNR	>65dB
AUX input sensitivity	350mV industry standard crimp terminal block
MIC input sensitivity (unbalanced)	5mV
Working temperature	-10°C~45°C
Relative humidity	20%~80%, no condensation
Total power consumption	≤70W
485 interface	Standard Industrial European Terminal Blocks
Power voltage	~190V-240V 50Hz-60Hz, power adapter DC24V
Dimension	170×210×45mm
Net weight	1.5kg