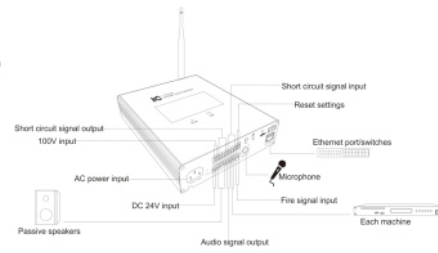




IP Terminal T-7805BG

Embedded software:

Luna cloud-based terminal embedded software V2.0



Description:

It is installed in rooms, classrooms, guest rooms and other places that need fixed-point control for program broadcast and local broadcast.

Features:

- * Network decoding terminal, professional wall-mounted design, convenient installation.
- * 4.3-inch true color LCD screen, graphical interface display, touch screen control, and infrared remote control for more flexible operations.
- * Graphical volume adjustment interface to adjust the volume of network programs, local MIC, and local AUX.
- * Real-time display of program playback, two-way intercom, timed broadcast, equipment operation, IP address, MAC address and other status information; support stopping the program playback with one key.
- * Rich network access methods, including DHCP automatic allocation access, ADSL smart dial-up access, fixed IP address access, etc.
- * The Luna cloud-based server has high security and excellent stability, and supports 7 × 24 hours of continuous work.
- * Built-in two output amplifier modules with 30W (MAX) constant resistance, fine sound quality and strong power.
- * Support intelligent power saving and pre-power on management, realize system energy saving, and ensure reliable and stable operation of the controlled equipment.
- * Built-in 8GByte SSD, support remote management on the server, support background download in limited network speed or automatic download during idle time, reduce the burden of the network; the media library files support offline automatic playback function.
- * Integrated USB and Micro SD (TF) card interfaces, support up to 4T USB storage devices and 128G/SDXC card, achieve playback of the audio files, and can broadcast on demand the contents of USB, TF card and media library on the terminals within the authority scope.
- * Integrated 24Bit professional sound card, enabling enthusiast audio playback; audio stream is up to 768kpbs.
- * 1 AUX audio input, 1 group of MIC inputs, 1 EMC emergency input, built-in digital pre-amplifier, support user-defined priority rank; 1 monitor MIC can achieve equipment self-test, environment monitoring and personnel assessment, etc.
- * Built-in constant voltage 100V signal backup module, when abnormal network or device connection occurs, it will automatically switch from digital network PA to constant voltage analog PA, and output the analog signals to the speaker.
- * Built-in 1 Line out independent audio output, realize sound reinforcement with external amplifiers; support standard headset interface, realize audio monitoring, headset microphone sound reinforcement, etc.
- * 2 short-circuit outputs, 2 short-circuit inputs, flexible customized functions; can realize the functions of short-circuit acquisition, alarm triggering, local media library music playback, sending messages and emails, and pop-up prompts; can realize electronic lock, fire control, monitoring and other linkage applications of the third party equipment and the platform.
- * Communication protocol: TCP/IP, UDP, IGMP (multicast), IETF SIP; audio format: MP3, WMA, WAV.
- * Support short-circuit restoring the factory settings, which is convenient for system maintenance and management to the greatest extent.
- * Support the switching of multiple users, support customized user function permissions.
- * Support viewing equipment status and managing equipment information through the system background WEB.
- * Wide voltage power supply of mains + 24V standby power supply with zero switching time provide the best energy supply for the 7×24 hours of continuous work of the terminal.
- * Support the PA system remotely upgrading the terminal firmware, without the need to upgrade the terminal locally, reducing the work intensity of maintenance personnel.
- * Built-in 2.4G wireless audio module, transmission rate: 2.40MHz-2.53MHz, high fidelity, good anti-interference, 64K @16bit×2, HDCD sound effect, sound delay <0.5ms, response frequency: 80Hz-16KHz.
- * It is equipped with a headset microphone; the pairing connection distance of the controller and the microphone is ≤ 3 meters, and the connection time is ≤ 3 seconds.
- * It automatically starts the pairing connection as soon as the device is turned on. After the pairing is done, there will be a prompt tone and indicator light, and it will automatically enter the receiving state.
- * Realize encrypted transmission, the receiver supports automatic frequency sweep function to easily avoid interference.
- * 2.4G microphone supports volume adjustment function.
- * The microphone supports charging function, and supports working while charging; it adopts Micro USB port for charging, and supports universal mobile phone charger.
- * The frequency range (power) can be set freely, and the effective distance can be up to 10 meters.

Specification:

Model	T-7805BG
Network interface	Standard RJ45 input
Transmission rate	100Mbps
Communication protocol	TCP/IP, UDP, IGMP(multicast), IETF SIP
Audio format	Mp3, WMA, WAV
Audio mode	16-bit CD sound quality
Sampling rate	8K~48KHz
AUX input	1 group
AUX sensitivity	350mV
MIC input	1 group (TRS interface or 3.5mm interface is optional)
MIC sensitivity	TRS interface 5Mv, 3.5mm interface 10mV
Monitor MIC input	1 group
Monitor MIC sensitivity	10mV
Line out output	1 group
Line out level/impedance	1000mV/470Ω
EMC input	1 group
EMC sensitivity	775mV
USB	Support up to 4T USB device; load <0.1A
SD	Support up to 128G/SDXC card
Headphone output interface	3.5mm interface
Headphone load	32Ω
Power consumption	≤70W
Standby power consumption	<3W
Frequency response	80Hz~16KHz -3dB/+1dB
THD	≤1%
SNR	>65dB
Short-circuit input	0V/3.3, support dry contact input
Short-circuit output	Maximum 3A/30VDC dry contact output
Working temperature	5°C~40°C
Working humidity	20%~80% relative humidity, no condensation
Power supply	~190-240V 50-60Hz; DC24V/2A
Size	170×210×45mm
Net weight	2Kg