Paging Microphone T-7802U

Embedded software:

microphone call control embedded software V1.32

Description:

The professional desktop intercom microphone is mainly used in the main control room, duty room or leadership office. It can be applicable to business paging, intercom and monitoring, etc.

Features:

* Brand-new desktop design, 7-inch TFT true color screen, graphical UI interface, full capacitive touch screen control, user-friendly operation, high-end and beautiful appearance.
* Graphical volume adjustment interface to adjust the volume of network programs, local MIC, and local AUX.
* Real-time display of status information such as program broadcast, two-way intercom, timed broadcast, equipment operation, IP address, MAC address, and so on; support stopping the program broadcast with one button.
* The Luna cloud-based server has high security and excellent stability, and supports 7×24 hours of continuous work.
* Standard dual network interfaces support exchange extension mode and redundant backup mode; full rate connection is up to 1000M; support cross-network segment and cross-router.
* Support 485 extension port of RJ45, and various control panels are optional to achieve more control extensions and function extensions.
* Rich network access methods, including DHCP automatic allocation access, ADSL intelligent dial-up access, fixed IP address access, etc.
* Support help and intercom ring tones, voice reporting, lighting, text and other prompt methods, support one-key answer, one-key monitoring, hands-free calls, and missed call information recording function.
* Two calling methods: the microphone pole and the phone handle (hand-held handset can be used for confidential conversation/intercom), suitable for different application places.
* Support button customization, including one-key broadcast, one-key intercom, one-key conference, one-key music, one-key help,and other shortcut keys.
* Integrated 24Bit professional sound card, enabling enthusiast audio playback; audio stream is up to 768kpbs.
* 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 local 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.
* Built-in 2W full-range intercom speaker provides clear and powerful sound; super and hyper cardioid microphone ensures clear calls without interference.
* 1 AUX audio input, 1 group of MIC inputs, built-in digital pre-amplifier, support user-defined priority rank.
* 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; support flexible short-circuit triggering customized task function; can realize local media playback, local receiving channels, broadcasting, fire alarm, recording, 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 the voice change function, the call initiator can choose to change his voice, which meets the intercom needs of special places.
* 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.
* With terminal management function, support directly managing the terminals within the authority, and can view and manage the current tasks and status of the terminal.
* Wide voltage power supply of mains + DC24V 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.

Specification:

Model	T-7802U
Network interface	Standard RJ45 input
Transmission rate	1000Mbps/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(microphone pole or rear headphone 3.5mm interface input is optional)
MIC sensitivity	10mV
Line out output	1 group
Line out level/impedance	1000mV/470Ω
Microphone type	Cardioid directional electret
Headphone output interface	3.5mm interface
Headphone load	32Ω
USB	Support up to 4T USB device; load <0.1A
SD	Support up to 128G/SDXC card
Total power consumption	20W
Standby power consumption	<3W
Frequency response	80Hz~16KHz -3dB/+1dB
THD	≤1%
SNR	>65dB
Short circuit input	0V/3.3V, support dry contact input
Short circuit output	Maximum 1A/30VDC dry contact output
Working voltage	~190-240V 50-60Hz(power adapter); DC24V/1.5A
Extended interface	1×RJ45 special device interface
Working temperature	5℃~40℃
Working humidity	20%~80% relative humidity, no condensation
Size	200×225×72mm (L×D×H)
Weight	1.45Kg