Paging Microphone T-8802U

Embedded Software: IP Terminal Embedded Software V2.113

Description

Desktop paging microphone, suitable for use in various call centers, alarm centers, duty rooms, leadership offices and other occasions. It can realize one-way broadcasting (point-to-point, partition or full area) to the sound reinforcement terminal in the system, or initiate two-way intercom, multi-party discussion and monitoring functions to the intercom equipment.

Feature

*Desktop design, with a 10.1-inch high-definition IPS screen, a resolution of 1024x600, clear display, and sensitive touch control. Supports entering sleep mode, low power saving mode, and supports account password management.

*Comes with numeric keys and function key interface. Supports calling partitions and multiple partitions, calling full-area broadcasts; supports direct operation of calling or intercom any terminal; supports direct operation of monitoring (environmental monitoring) any terminal according to the actual environment, and the monitoring distance reaches 5m.

*With custom buttons, supports custom music playback, intercom, and broadcast functions; has an emergency alarm button, supports one-key alarm broadcast function.

*Built-in 2×3W full-range high-fidelity speaker units can clearly restore the call sound and ensure the call effect.

*It has 1-channel USB interface, supports free on-demand playback of local audio files, and supports customized encryption management UKey function.

*It has 1-channel 3.5mm headphone output interface and 1 3.5mm MIC input interface, matching most headphones and portable microphones on the market.

*It has 1-channel audio line output, which can expand the power amplifier; it has 1 audio line input, providing multi-source transmission.

*It has 1-channel alarm trigger short-circuit output, cascade external warning equipment or control access control; it has 1 short-circuit input, which can be used to trigger preset voice prompts (or alarms), and can also be used to control the access control linkage input short-circuit signal.

*Dual network interface design, the terminal supports redundant backup function, which effectively avoids the problem that the device cannot be permanently connected to the system due to single point failure.

*Built-in network audio decoding, supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, and is compatible with 8kHz-48kHz full sampling rate.

*The device adopts ARM architecture high-performance quad-core CPU chip and exclusive audio algorithm processing technology, designed as a miniaturized hardware module, built-in DSP audio processing, supports ultra-low latency digital mixing, and 10-band EQ equalization configuration.

*Supports remote playback and local on-demand functions, supports audio sources from USB, local storage, and network storage, and can play audio sources to any terminal in the system; supports 100-level custom audio priority silent control (supports multi-channel signal amplification, mixing, three-level priority control, and tone adjustment).

*Supports help signal ringtones, flashing light prompts, one-click help and intercom functions, and can also support hands-free calls and receiving broadcasts to achieve quick links.

*The device supports full-duplex two-way intercom function, as well as 32-way multi-party conference call function, which can be expanded to 128-way multi-party intercom and calls, and supports multi-party call visualization display. The device comes with echo cancellation suppression function to ensure clearer call effect.

*Supports automatic answering, manual answering, support custom answering prompt tone; supports custom settings for transfer time, no answering time, and call waiting time.

*Built-in intelligent voice recognition wake-up function, support voice control task execution, end, previous song, and next song.

*Supports holiday blessing picture display, customizable blessing picture display, and supports song lyrics synchronization display.

Embedded Software: IP Terminal Embedded Software V2.113

*Supports local volume setting, balanced volume control, and task volume control.

*Supports broadcast system equipment list management, real-time status monitoring and display.

*Supports local IP, DHCP, IPv4, domain name management, support server connection and status monitoring.

*Supports remote firmware upgrade, maintain terminal equipment through the network, and effectively reduce the work intensity of maintenance personnel.

*The system adopts data redundancy encoding and decoding algorithm, supports anti-packet loss recovery function, network packet loss 37.5%, and audio playback without lag.

Specification

Network interface	Standard RJ45×2 input
Supported protocols	TCP/IP、UDP、IGMP、ICMP
Audio format	Supports mainstream audio formats such as MP3, WAV, FLAC, OGG, AAC, OPUS, etc.
Sampling rate	8kHz-48kHz
Transmission rate	100Mbps
Audio mode	16-bit CD-level sound quality
Screen size	10.1 inches
Screen resolution	1024x600
Screen type	IPS display
Keyboard type	Virtual QWERTY keyboard
Keyboard input method	Touch
Local speaker output power	8W(MAX)
Total harmonic distortion	≤1%
Frequency response	80Hz-16kHz (+1dB/-3dB)
Signal-to-noise ratio	≥65dB
PHONE OUT output impedance and maximum power	32Ω，40mW（MAX）
LINE OUT output level	1000mV Industrial standard wire terminal
LINE OUT output impedance	470Ω
LINE IN input sensitivity	350mV Industrial standard crimping terminal
MIC input sensitivity (unbalanced)	120mV
USB interface	USB2.0 rate/480Mbps
Short circuit input	Dry contact input
Short circuit output	Maximum 1A/30VDC dry contact
Operating temperature	5℃～40℃
Operating humidity	20%～80% relative humidity, no condensation
Power consumption	≤12W
Input power	DC12V/1.5A
Net weight	1.02kg
Size（L×W×H）	272.6×144.3×67.9mm