



Specifications:

Model	TCI-508
Description	Digital IP Network Touch Screen Microphone
Network interface	Standard RJ45
Power supply	DC 12V/3A
MIC input sensitivity	10mV
Max power Consump	≤10W
Line input level	300mV
Display size	7 inches
Built-in speaker	8Ω&3W
Line Out	>0.775V&1KΩ
Audio bit rate	8Kbps~320Kbps adaptive
Frequency response	80Hz~16kHz +1/-3dB
Signal-to-noise ratio	≥75dB
Sampling rate	8K~48KHz
Audio format	MP3/MP4/MKV/FLAC/WAV
Total harmonic distortion	THD+N≤0.3%
Transmission rate	100Mbps
Standby power	≤1W
Working temperature	-5℃~40℃
Working humidity	20% to 80% relative humidity, no condensation
Size	250×170×75mm
Weight	1.5Kg

Features:

- ◆ Black aluminum oxide brushed panel, laser cutting process, desktop design, integrated metal forming process, professional and high-grade appearance;
- ◆ 7-inch true-color LCD display, supports touch operation, humanized man-machine interface, simple and fast;
- ★ High-end six-core 64-bit high-performance ARM chip, memory 2GB, cache 8GB high-speed solid-state EMMC, can store 1100 minutes of MP3 (192kbps) or 3300 minutes of m4a (64kbps) programs, stable performance and fast operation;
- ★ Support NTP automatic time adjustment;
- ◆ Circuit design with multiple security functions: power supply voltage monitoring, current limiting, automatic restart of the terminal accidental crash, multiple lightning protection, anti-static damage, to ensure trouble-free work around the clock;
- ◆ Anti-electromagnetic interference design, moisture-proof technology, strict material selection of components, and can work under the condition of $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$;
- ◆ Support the remote firmware upgrade of the terminal by the broadcasting system, without going to the terminal to upgrade locally, reducing the workload of maintenance personnel;
- ◆ Adopt PCM software audio decoding scheme, high fidelity;
- ◆ Support network search configuration, no need to know the terminal IP address, can directly address configuration;
- ◆ With a red emergency warning button, when there is an emergency, press this button to start the broadcast warning in time;
- ◆ Supports on-demand programs in this media library, supports the broadcast call function through the microphone, and the broadcast delay is less than 50 milliseconds;
- ◆ Real-time status feedback, the display screen can display real-time partition list, partition terminal status and other information;
- ◆ With monitoring function, it is used to monitor the music played by other terminals or the collected environmental sound;
- ◆ Support a variety of call strategies, including call waiting, call transfer, no answer reminder; automatic answer, manual answer, support custom answer prompt tone, support transfer time, no answer time, call waiting time customization;
- ◆ It has the function of two-way intercom with each terminal, Internet + smart cloud audio and video emergency broadcast paging sub-control microphone;
- ◆ Built-in high-fidelity 3W/8 Ω full-frequency monitor speaker to realize network monitoring;
- ◆ It has the function of starting the whole area broadcast with one key, and supports the function of one key start for multiple shortcut zone broadcasts;

- ◆ Broadcast and operate the whole area, partition, group and fixed point of each terminal through the touch screen;
 - ◆ Shortcut keys can be customized, and users can customize broadcast shortcut keys according to their needs, which is convenient for customers' operating habits.
 - ◆ It has the function of collecting and broadcasting local U disk MP3, line, microphone and other audio sources to the designated terminal;
 - ◆ It has the function of broadcasting the sound source of the media library of the local on-demand platform to the designated terminal;
 - ◆ Support the platform to set the priority level and authority of the machine;
 - ◆ With real-time clock display and support automatic time calibration function;
 - ◆ It has the function of setting and modifying the local IP address;
 - ◆ It has a standby interface that supports the interface to adjust the monitoring volume function;
 - ◆ With digital password protection function, enter the password to enter the menu operation;
 - ◆ With RS232 interface, it is convenient for external control of external equipment;
 - ◆ With 1 channel 3.5 audio input interface (extendable external program source, support collection and playback function) with adjustable sensitivity and 1 channel 3.5 audio output interface (can be connected to active speakers to expand monitoring power);
 - ◆ Comes with a 3.5mm standard audio interface, which can be connected to a dedicated microphone, which is convenient for expanding non-hands-free calls and used for private calls.
 - ◆ With 1 short-circuit output interface and 1 short-circuit input interface (the function can be edited, the trigger scheme and the number of trigger terminals can be set arbitrarily, music playback, linkage output, display, etc.);
 - ◆ High-quality broadcast shouting, super directional microphone, 48kHz sampling rate, high-fidelity sound quality, light ring prompt (anti-mobile phone, electromagnetic, high-frequency interference);
- ★ Applicable to a variety of network environments: adopt TCP, UDP, unicast and multicast mixed transmission protocols, automatically switch in different scenarios, support static IP and DHCP, all terminals can cross routes, cross Internet networks, audio fault-tolerant coding technology It can also work normally in the case of 5% packet loss;
- ◆ Built-in network isolation and lightning protection processing circuit