



Controller TX-8600



Description

It is the controller of the Cloud PA System that has system management functions such as device management, task management, music library management, and account management.

Feature:

- * Aluminum housing technology, small, beautiful and exquisite appearance, solid structure.
- * 2.8-inch TFT color screen. The screen is delicate, and it can display the controller status, IP information, and current timing task information in real time.
- * Industrial-grade 16-core processor, embedded software, no operating system, high stability, no infection, fast boot time of less than 3 seconds.
- * Based on 3-layer network transmission technology; compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.
- * It adopts 48kHz sampling rate, self-developed multi-track lossless audio transmission technology. Support DSP sound effect processing, and achieves CD-level sound quality.
- * Support mobile APP to control the system through WiFi/3G/4G/5G and other networks, and it can perform full-function system management such as device management, timing programming, and task control. Support mobile APP to remotely view system equipment information and device status in real time, and support mobile APP to remotely set device parameters (IP address, device name, etc.).
- * Support mobile phone APP programming function, support mobile phone APP remote timing programming, realize unattended timing, fixed-point, fixed-track program playback, and support to play different programs to different zones at the same time without interfering with each other.
- * Support mobile phone APP real-time logarithmic sound source equipment (network CD player, network tuner) playback control, support mobile phone APP to view song lists, select songs on demand, and realize digital audio sources play programs on designated network terminals through the network.
- * Support mobile phone APP for zone editing. You can flexibly divide zones without rewiring, realize zone management of system terminals.
- * Support user permission management, support accounts with two permission levels for ordinary users and administrators, support the establishment of 30 accounts, and 10 accounts to log in at the same time.
- * Built-in 32GB storage space; support media music library update through SD card or PC management software, support mobile phone APP for music library editing, music copy/move/delete and other operations.
- * Support the host to realize the system automatic time calibration and global unified time calibration by connecting to the external cloud server. Without additional timing equipment, it can achieve millisecond-level system clock accuracy.
- * Built-in high-precision RTC clock. When the host is temporarily disconnected from the external network, the system time is still correct, ensuring stable and reliable operation of the system.
- * Built-in WIFI hotspot, support the host WiFi button to turn on the host WiFi hotspot, which is convenient for users to manage the system without WiFi.
- * Built-in IP conflict detection. When the host IP conflicts with the IP of other network devices, the host has an IP conflict prompt, which is convenient for management personnel to find and deal with in time.
- * Support dual power supply, support standard POE power supply and DC24V power supply.
- * Support remote firmware upgrade. With no need to disassemble the machine, firmware upgrade can be carried out through the local area network, reducing the work intensity of maintenance personnel.

Specification:

Model	TX-8600
Network Interface	Standard RJ45 input (support POE power supply)
Transmission rate	100Mbps
Network Protocol	Compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.
Audio format	MP3, WAV
Audio mode	16-bit CD sound quality
Screen size	2.8 inches
Screen Resolution	320*240 pixels
Ambient temperature	-10°C~+55°C
Ambient humidity	20%~80% relative humidity, no condensation
Power consumption	≤5W
Power supply	DC 24V/1.5A, standard POE power supply
Size	132×83×27 (L×W×H) mm
Weight	0.36kg