



Description

This product is an embedded network control panel that collects external analog audio signals. It can be bound to the back-end terminal one-to-one through APP or PC software, and the collected analog audio can be encoded into digital audio and transmitted to the bound terminal via the network to play and broadcast.

Feature:

- * Adopt capacitive touch buttons, with good operating experience; dual embedded structure design, with corresponding fixed accessories to meet the table plug and wall plug methods.
- * Based on 3-layer network transmission technology, compatible with standard network protocols such as DHCP, TCP, UDP, ICMP, IGMP, ARP, etc.
- * Adopt 48kHz sampling rate, support DSP sound effect processing, and achieve CD-level sound quality.
- * Support mobile APP controlling the device through WiFi/3G/4G/5G and other networks, support mobile APP remotely viewing device information and device status in real time, and support mobile APP remotely setting device parameters (IP address, device name, etc.).
- * Support automatic acquisition of IP, support DHCP dynamic and static IP configuration methods.
- * With dual network interfaces, support one-to-one binding to the back-end terminal, and can perform local audio playback and volume adjustment for the bound terminal.
- * Support local audio priority function; through the local priority button, you can switch between local/network mixing and local independent playback.
- * Support one auxiliary audio source and one MIC input, can play local programs and speak offline to the bound terminal, and the delay of acquisition is less than 5ms.
- * Built-in bluetooth module, support standard bluetooth connection for audio transmission and playback.
- * As networked products, it is easy to expand and install with no space limitation and no need to increase equipment room management equipment.
- * Support remote firmware upgrade with no need to disassemble the machine. The firmware can be upgraded through the LAN to reduce the work intensity of maintenance personnel.

Specification:

Network interface	Dual RJ45 network port
Transmission rate	100Mbps
Protocol	Compatible with DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Sampling rate	48kHz
Bluetooth mode	Bluetooth 4.1
Input sensitivity	AUX: 350mV (unbalanced); MIC: 10mV
Frequency response	80Hz~16kHz, +1/-3dB
THD	≤0.1%@1kHz, AUX
SNR	≥75dB(A)
Power consumption	≤3W
Operating temperature	-10°C~+55°C
Operating humidity	20% ~ 80% relative humidity, no condensation
Power supply	DC12V~24V
Dimensions (L×W×D)	86*86*35.4mm
Weight	0.15kg