



Receiver

T-7820UH



Microphone with remote control

Description:

With remote control function, the UHF true diversity wireless microphone can be used to remotely control program playback. The hand-held microphone with remote control buttons and the receiver with data conversion function can be used together for broadcasting various outdoor activities.

Features:

- * 1U standard rack-mounted design, cabinet made of SPCC cold rolled plate material, aluminum panel, beautiful and practical appearance.
- * Adopt UHF ultra-high frequency band dual true diversity reception, and PLL phase-locked loop multi-channel frequency synthesis technology.
- * Provide a total of 600 channels, and true diversity reception, effectively avoiding frequency interruption and extending the receiving distance.
- * With 8-level RF level display, 8-level audio level display, channel menu display, and mute display.
- * Both balanced and unbalanced output ports are optional to meet different needs of device connections.
- * The LCD supports the display of channel number / working frequency. The touch buttons are simple and user-friendly.
- * The super anti-interference ability can effectively suppress external noise interference and co-channel interference.
- * The infrared frequency matching function can synchronize the transmitter and receiver frequency quickly.
- * The rich medium frequency makes the sound full of magnetism and power.
- * The system platform can be configured with 20 groups of tasks, which can realize the music playback or real-time call at any time, on any number of terminals, and at any volume.
- * Ultra-long wireless remote control distance; it can reach 800 meters with an antenna amplification kit in the open space where are out of obstacles.
- * The main hand-held microphone has functional buttons and a LED display, and can realize many wireless remote control operations such as "start, pause/resume, stop, last, next, volume +, volume -", and so on.
- * Built-in audio acquisition and encoding module; the audio acquisition delay is less than 200ms; the system platform can preset the broadcast of the terminal or separate zones.
- * Support DHCP, compatible with any network structure such as router, switch, bridge gateway, Modem, Internet, 2G, 3G, 4G, multicast, unicast, etc.
- * 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-7820UH
System	System
Internet interface	Standard RJ45 input
Transmission rate	100Mbps
Communication protocol	TCP/IP, UDP, IGMP(multicast)
Audio format	MP3
Audio mode	16-bit CD sound quality
Sampling rate	8KHz~48KHz
Bit rate	8Kbps~512Kbps
Frequency response	50Hz-18KHz (output), 80Hz-16KHz (-3dB, 0dB) (input)
Wireless mic frequency range	640-690MHz, 740-790MHz, 807-830MHz
Frequency oscillation mode	(PLL)Phase-locked loop
Number of channels	600CH
Wireless mic effective distance	200 meters(the open space without obstacles + an antenna amplification kit)
Bandwidth	25MHz
Carrier stability	±5PPm≤10KHz
False interference ratio	>80dB
Signal-to-noise ratio	>105dB(1KHz-A)
Mic audio output level	-12dB
Mute mode	Mute and tone code lock loop
SNR	≥65dB
Microphone	Microphone
Microphone sensitivity	-105dBm(12dB S/N AD)
Microphone distortion	THD<0.5%@1kHz
Microphone audio output impedance	2.2KΩ
Quantity	2 (1 with remote control)
Receiver	Receiver
AUX input sensitivity	350mV (unbalanced)
MIC output amplitude	1000mV, 1 RCA output interface
AUX output impedance	470Ω
Function display mode	LCD
Working power supply	12V-15V, 800mA
THD	THD≤1%
Working temperature	5℃~40℃
Working humidity	20% to 80% relative humidity, no condensation
Size	484x235x44mm
Net weight	2.5Kg (including antenna)
Gross weight	3.9Kg