



# Collector

## T-7720UH



(Microphone with remote control)

### Description:

UHF true diversity wireless microphone with remote control can be used for program playback. Handhold microphone is used with remote control button, receiver with data conversion. And it is ideal for the broadcast and control of various outdoor activities.

### Product Introduction:

- \*1U standard rack mounted design. SPCC cold rolled plate material chassis aluminum panel. Beautiful and practical.
- \*Adopting UHF dual true diversity reception, and PLL digital phase-locked loop multi-channel frequency synthesis technology.
- \*Provide 600 channel selections and true diversity reception to effectively avoid frequency-breaking and extending receiving distance.
- \*With 8-level RF level display, 8-level audio level display, channel menu display, mute display.
- \*Both balanced and unbalanced output ports are available to connect with different devices.
- \*The LCD can display the channel number and operating frequency simultaneously. It is simple and easy to control through the touch button.
- \*Superior anti-interference ability to effectively suppress external noise and co-channel interference.
- \*With infrared frequency matching function, it can synchronize the frequency of transmitter with receiver conveniently and quickly.
- \*The medium frequency is rich, the sound is really full of magnetism, and it is the essence of the vocal microphone.
- \*The system platform can be configured with 20 groups of tasks, which can realize any music playback or real-time call at any time, any number of terminals, any volume.
- \*Ultra-long wireless remote control distance. Up to 800 meters in the case of an open accessibility plus antenna amplification kit.
- \*The main handhold microphone has function button and LED display, which can realize wireless remote control operations such as task execution confirmation, pause/resume, stop, previous song, next song, volume plus, volume reduction.
- \*Built-in audio capture and encoding module. The audio acquisition delay is less than 200ms; You can preset the terminal or zone broadcast call on the system platform.
- \*Compatible with any network structure such as router, switch, bridge gateway, Modem, Internet, 2G, 3G, 4G, etc.
- \*Support remotely upgrade the firmware of terminals, which greatly breaks space limitation and reduces the work intensity of maintenance man.

### Specifications:

Model	T-7720UH
System Indicator	
Internet Interface	Standard RJ45 input
Transmission Speed	100Mbps
Support Protocol	TCP/IP, UDP
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 Microphone	640-690MHz, 807-830MHz
Frequency Range	
Frequency Oscillation Mode	Phase-locked loop
Total Amount of Channels	600CH
Wireless Microphone application Distance	200 meters (empty accessibility plus antenna amplification kit)
Bandwidth	25MHz
Carrier Stability	±5PPM≤10KHz
False Interference Ratio	>80dB
Signal Noise Ratio	>105dB (1KHz-A)
Microphone Audio Output Level	-12dB
Mute Mode	Mute and tone lock loop
SNR(Signal to noise ratio)	≥65dB
Microphone Indicators	
Microphone Sensitivity	-105dBm(12dB S/N AD)
Microphone Distortion	THD<0.5%@1kHz
Microphone Output Impedance	1000mV, 1 way lotus output interface
Quantity	2 (1 remote control function)
Receiver Indicators	
AUX Input Sensitivity	350mV (Non-balance)
MIC Output Range	1000mV, 1 way lotus output interface
AUX Output Impedance	470Ω
Display	LCD
Working Power	12V-15V, 800mA
Harmonic Distortion	THD≤1%
Working Temperature	5°C-40°C
Working Humidity	20% ~ 80% No condensation
Size (mm)	484*235*44
Net Weight	2.5Kg (Including antenna)
Gross Weight	3.9Kg