



one lavalier and one handheld mics T-521UT

Function Features

- * Using UHF ultra-high frequency double true diversity reception, and USES the DPLL multichannel digital phase-locked loop frequency synthesis technology.
- * Provides each of 200 a total of 600 channels to choose, true diversity receiving, effectively avoiding the phenomenon of fault frequency and to extend the receiving distance.
- * With a magnitude 8, according to 8 audio level display, according to the audio level, according to the channel menu mute.
- * Balanced and unbalanced output port, two choices to meet the needs of different device to connect.
- * LCD liquid crystal display can also show channel number and working frequency. Light touch button control is simple, which let users to use it more conveniently.
- * Strong anti-interference ability, can effectively restrain noise caused by the external interference and same frequency interference.
- * Infrared frequency function, can be convenient, shortcut of the transmitter and receiver synchronization.
- * Enough intermediate frequency, Relaxed singing, sounds with magnetic and mixed thick feeling, the essence of the vocal microphone sound.

Frequency Indication

Word Frequency	640-857MHz (the applicable frequency depends on the local regulation) Broadband FM
Number of Channel	200
Channel Spacing	250KHz
Frequency Stability	Within $\pm 0.005\%$
Dynamic Range	100dB
Maximum Deviation	$\pm 45\text{KHz}$
Audio Frequency Response	80-18KHz ($\pm 3\text{dB}$) (frequency response of the whole system depends on the microphone unit)
Comprehensive S/ N Ratio	105dB
Comprehensive Distortion	$\leq 0.5\%$
Working Distance	About 100m (working distance depends on many variation which includes absorbing, reflection and interference of Rf signal)
Working Temperature	$-10^{\circ}\text{C} + 60^{\circ}\text{C}$

Receiver Indication

Receiver Mode	Double super heterodyne
Intermediate Frequency	110MHz, 10.7MHz
Antenna Access	BNC/50 Ω
Sensitivity	12dB μV (80dB/S/N)
Adjustable Range of Sensitivity	12-32dB μV
Spurious Suppression	$\geq 75\text{dB}$
Max Output Level	+10dBV
Power Supply Mode	DC 12~18V 500mA input

Transmitter parameters

Attack	Moving Coil Condenser microphone (Collar microphone, Headset microphone)
Antenna	Internal helical antenna of handheld microphone, the hanging transmitter adopts 1/4 wave-length whip antenna
Output Power	Max power 30mW; Min Power 3mW
Spurious Suppression	-60dB
Power Supply	2 section 5, #1.5V alkaline battery
Battery Service Life	About 10 hours under 30mW, about 15 hours under 3mW
Function Features	Adopting true diversity reception mode, effectively avoiding frequency phenomenon and the extension of the receiving distance
Quality Characteristics	Enough intermediate frequency, Relaxed singing, sounds with magnetic and mixed thick feeling, the essence of the vocal microphone sound