



# Wireless Microphone

Embedded software: microphone embedded control software V1.32

(Wireless desktop microphone T-52D)

## T-521UZ



One Receiver + Two Desktop Microphone

### Feature:

- \* UHF ultra-high frequency band dual true diversity reception, and PLL phase locked loop multi-channel frequency synthesis technology.
- \* Provide options of 500 channels in total and 200 channels for each, true diversity reception, effectively avoid frequency interruption and extend the receiving distance.
- \* Support 8-level RF level display, 8-level audio level display, channel menu display, muted display.
- \* Both balanced and unbalanced output ports are optional to meet different device connection requirements.
- \* The V/A screen is clear at any angle and can display the channel number and working frequency at the same time. The touch button control is simple and user-friendly.
- \* Super anti-interference ability can effectively suppress the external noise interference and co-frequency interference.
- \* Infrared frequency matching function can make the frequency of the transmitter and the receiver synchronize easily and quickly.
- \* Rich IF, magnetic and powerful sound, the essence of vocal microphone.

### Specifications:

	<b>Model</b>	T-521UZ
<b>System</b>	<b>Frequency</b>	470-510M 540-590M 640-690M 740-790M 807-830MHz Five bands, a total of 900 frequencies
	<b>Modulation</b>	Broadband FM
	<b>Number of channel</b>	100-200 per frequency band
	<b>Channel interval</b>	Multiples of 25KHz
	<b>Frequency stability</b>	Within $\pm 0.005\%$
	<b>Dynamic range</b>	100dB
	<b>Maximum frequency deviation</b>	$\pm 45\text{KHz}$
	<b>Frequency response</b>	80-18KHz ( $\pm 3\text{dB}$ ) (frequency response of the whole system depends on the microphone unit)
	<b>Integrated SNR</b>	105dB
	<b>Integrated distortion</b>	$\leq 0.5\%$
		<b>Working distance</b>
	<b>Working temperature</b>	$-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
<b>Receiver</b>	<b>Receiving mode</b>	Double frequency conversion superheterodyne
	<b>IF frequency rate</b>	110MHz, 10.7MHz
	<b>Wireless interface</b>	BNC/50 $\Omega$
	<b>Sensitivity</b>	12dB $\mu\text{V}$ (80dBS/N)
	<b>Sensitivity range</b>	12-32dB $\mu\text{V}$
	<b>Discrete suppression</b>	$\geq 75\text{dB}$
	<b>Maximum output level</b>	+10dBV
	<b>Power supply</b>	DC 12~18V 1000mA input
	<b>Weight</b>	1.95Kg(excluding antenna)
	<b>Size</b>	420 $\times$ 180 $\times$ 41mm
<b>Microphone</b>	<b>Antenna</b>	Built-in helical antenna
	<b>Output power</b>	High power 30Mw; low power 3Mw
	<b>Discrete suppression</b>	-60dB
	<b>Power supply</b>	3 AA 5# batteries, 3 Ni-MH rechargeable batteries, or directly plug the receiver's switching power supply into the charging port of the base. (Note: The power adapter is optional.)
	<b>Usage time</b>	More than 10h at 30mW
	<b>Weight</b>	0.85Kg
	<b>Size</b>	Mic pole: 409.7mm; base:(L)185mm $\times$ (H)50mm $\times$ (W)117mm