



# 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:

|            |                             |  |
|------------|-----------------------------|--|
|            | Model                       | T-521UZ  |
| System     | Frequency                   | 470-510M 540-590M 640-690M 807-830MHz 4 bands, a total of 700 frequencies  |
|            | Modulation                  | Broadband FM   |
|            | Number of channel           | 100-200 per frequency band   |
|            | Channel interval            | Multiples of 25KHz   |
|            | Frequency stability         | Within $\pm 0.005\%$   |
|            | Dynamic range               | 100dB  |
|            | Maximum frequency deviation | $\pm 45\text{KHz}$   |
|            | Frequency response          | 80-18KHz ( $\pm 3\text{dB}$ ) (frequency response of the whole system depends on the microphone unit)  |
|            | Integrated SNR              | 105dB  |
|            | Integrated distortion       | $\leq 0.5\%$   |
|            | Working distance            | About 100m (working distance depends on a lot of variables, including RF signal absorption, reflection and interference, etc.)   |
|            | Working temperature         | $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$   |
| Receiver   | Receiving mode              | Double frequency conversion superheterodyne  |
|            | IF frequency rate           | 110MHz , 10.7MHz   |
|            | Wireless interface          | BNC/50 $\Omega$  |
|            | Sensitivity                 | 12dB $\mu\text{V}$ (80dBS/N)   |
|            | Sensitivity range           | 12-32dB $\mu\text{V}$  |
|            | Discrete suppression        | $\geq 75\text{dB}$   |
|            | Maximum output level        | +10dBV   |
|            | Power supply                | DC 12~18V 1000mA input   |
|            | Weight                      | 1.95Kg(excluding antenna)  |
|            | Size                        | 420 $\times$ 180 $\times$ 41mm   |
| Microphone | Antenna                     | Built-in helical antenna   |
|            | Output power                | High power 30Mw; low power 3Mw   |
|            | Discrete suppression        | -60dB  |
|            | Power supply                | 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.) |
|            | Usage time                  | More than 10h at 30mW  |
|            | Weight                      | 0.85Kg   |
|            | Size                        | Mic pole: 409.7mm; base:(L)185mm $\times$ (H)50mm $\times$ (W)117mm  |