



# Wireless Microphone ( frequency-adjustable single channel wireless microphone with UHF band LCD display-non true diversity)T-531A/T-531B/T-531C

## Features

- \* It adopts 1/2 width and 1U height of EIA international standard metal cabinet, which can be directly mounted to the rack.
- \* With 100 frequencies in each of 640-857MHZ six frequency bands, advanced PLL frequency synthesis phase-locked loop technology, adjustable frequency and adjustable transmit power to avoid interference frequency.
- \* Superior anti-interference ability can effectively restrain same frequency interference, or noise caused by the external interference.
- \* LCD display window, channel, frequency, RF signal strength, AF audio output intensity.
- \* With infrared frequency automatic synchronization locking transmitter frequency ACT function.
- \* Receiving antenna adopts rear separated design, single-antenna automatic selection reception, audio code and noise to lock double mute circuit. It is not only long in receiving distance, but also rare to disconnect.
- \* SQ internal adjustment can increase the receiving sensitivity to increase the receiving distance, or reduce the sensitivity to avoid noise interference.

## Specifications

<b>System Specifications</b>	
<b>Frequency Range</b>	UHF 640-857MHz,Two bands total
<b>Modulation</b>	Broadband FM
<b>Adjustable range</b>	25MHz
<b>Channel Number</b>	600
<b>Channel Spacing</b>	250KHz
<b>Frequency Stability</b>	Within $\pm 0.005\%$
<b>Dynamic Range</b>	100dB
<b>Maximum Deviation</b>	$\pm 45\text{KHz}$
<b>Frequency Response</b>	60-18KHz ( $\pm 3\text{dB}$ )
<b>Comprehensive SNR</b>	$> 115\text{dB}$
<b>THD</b>	$\leq 0.5\%$
<b>Operating Distance</b>	100 meters in the clearing



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Receiver Specifications	
Receiver Mode	Double frequency conversion superheterodyne
Intermediate Frequency	110MHz, 10.7MHz
Antenna Access	BNC/50Ω
Sensitivity	12dB μV (80dBS/N)
Adjustable Sensitivity Range	12-32dB μV
Spurious suppression	≥75dB
Output socket type	Balanced and unbalanced
Maximum output level	+10dBV
Power supply	DC 12~15V 500mA
Operating temperature	-10°C~+80°C
Dimensions (W x H x D)	210x44x147 mm
Weight	About 1.4Kg

Microphone Specifications	
Sound head	Moving-coil microphone
Capacitive	Lapel microphone, headset microphone
Antenna	Hand-held microphone with built-in helical antenna. And the transmitter uses a 1/4 wavelength whip antenna
Output Power	High power 30mW; low power 3mW
Discrete suppression	-60dB
Power supply	2 AA batteries
Battery Life	About 10 hours at 30mW; about 15 hours at 3mW