

**UHF Segment LCD Display FM Single Channel Wireless Microphone (Non-true Diversity)  
T-531A**



Single channel true diversity handheld wireless microphone  
T-531A

**Function Features**

- \* Adopt international standard EIA 1/2 width 1U high metal chassis, which can be mounted directly to the rack.
- \* Provide 640-857MHZ six frequency bands 100 each, and the use of advanced phase-locked loop PLL frequency synthesizer technology, adjustable frequency, adjustable transmit power to avoid interference frequency.
- \* Super anti-jamming capability, can effectively suppress the noise caused by external interference and co-channel interference.
- \* LCD display window, displaying the channel / frequency, RF signal strength, AF audio output intensity.
- \* With infrared frequency transmitter frequency locked automatically synchronize ACT function.
- \* Rear receiving antenna separation design, single-antenna diversity receiver and the sound code, noise lock dual mute circuit, receiver distance, easily dropped.
- \* Internal SQ can increase receiver sensitivity adjustment to increase or decrease the sensitivity of the receiving distance in order to avoid noise interference.

<b>Receiver Specifications</b>	
Receiver mode	Bouble-conversion superheterodyne
IF frequency	110MHz, 10.7MHz
Wireless Interface	BNC / 50 ohms
Sensitivity	12 dB $\mu$ V (80dBS / N)
Sensitivity adjustment range	12-32 dB $\mu$ V
Spurious suppression	$\geq$ 75dB
Output socket type	Balanced and unbalanced
Maximum output level	+10 dBV
Power supply	DC 12 ~ 18V 500mA
Working temperature	-40 $^{\circ}$ C ~ - + 80 $^{\circ}$ C
Dimensions	(W x H x D) 210 mm x 44 mm x 147 mm

<b>System Specifications</b>
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Frequency Range	UHF 640-857MHz total of six segments
Modulation	Wideband FM
Adjustable range	25MHz
The number of channels	600
Channel spacing	250KHZ
Frequency stability	$\pm 0.005\%$ or less
Dynamic range	100dB
The maximum deviation	$\pm 45\text{KHZ}$
Audio response	60HZ-18KHZ ( $\pm 3\text{dB}$ )
Integrated SNR	$> 115\text{dB}$
Comprehensive distortion	$\leq 0.5\%$
Working distance	50 meters

Microphone Specifications	
Ondo	Dynamic microphone.
Condenser	Lavalier microphone, headset microphone
Antenna	built-in helical antenna handheld microphone, transmitter
	Peigua 1/4 wave whip-like antennas.
Output power	High power 30mW; low power 3mW
Discrete suppression	-60dB
Power supply	2 AA 5th batteries
Time	More than 10 hours at 30mW, more than 15 hours at 3mW