

## UHF Segment LCD Display FM Single Channel True Diversity Wireless Microphone T-530A



Single channel true diversity handheld wireless microphone T-530A

### Function Features

- \* Adopt international standard EIA 1/2 width and 1U high metal chassis, which can be mounted directly to the rack.
- \* The use of ultra-high frequency UHF true diversity reception and multi-channel digital phase locked loop DPLL frequency synthesis technology;
- \* Provide 640-665M Hz and 100 frequencies 740-765MHz two each. Single-channel true diversity reception, avoid off-frequency phenomena and prolong the receiving distance.
- \* Super anti-jamming capability, can effectively suppress the noise caused by external interference and co-channel interference.
- \* LCD display window, channel, frequency, RF signal strength, antenna selection information action, AF audio output intensity, dynamic sweep.
- \* With infrared frequency transmitter frequency locked automatically synchronize ACT function.
- \* Rear receiving antenna separation design, true diversity dual 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.
- \* The receiver can be an external directional gain antenna system for increasing the reception distance and stable reception, the ideal state can be up to about 200 meters.

System Specifications	
Frequency range	UHF740-830 Mhz total of two segments
Modulation Mode	Bandwidth FM
Adjustable range	25MHz
Channels Number	400
Channel spacing	250KHZ
Frequency stability	± 0.005% or less
Dynamic range	100dB
The maximum deviation	± 45KHZ

Audio response	80HZ-18KHZ ( $\pm 3$ dB)
Integrated SNR	> 105dB
Integrated distortion	$\leq 0.5\%$
Working distance	100 meters

<b>Receiver Specifications</b>	
Receiver mode	Double-conversion superheterodyne
IF frequency	110MHz, 10.7MHz
Wireless Interface	BNC / 50 $\Omega$
Sensitivity	12dB $\mu$ V (80dBS / N)
Sensitivity adjustment range	12-32dB $\mu$ V
Spurious suppression	$\geq 75$ dB
Output interface	Balanced and unbalanced
Maximum output level	+ 10dBV
Power supply	DC 12 ~ 18V 500mA
Working temperature	-10 $^{\circ}$ C ~ + 40 $^{\circ}$ C
Dimensions	(W x H x D) 210 mm x 44 mm x 147 mm
Weight	about 1.4Kg

<b>Microphone Specifications</b>	
Ondo	Dynamic microphone.
Condenser	Lavalier microphone, headset microphone
Antenna	Built-in helical antenna handheld microphone, transmitter 1/4
	Wave whip-like antennas.
Output power	High power 30Mw; low power 3Mw.
Discrete suppression	-60dB.
Power supply	2 AA 1.5V alkaline batteries.
Battery life	About 10 hours at 30mW, about 15 hours when 3mW.
Function features	True diversity reception mode, avoid break-frequency
	Phenomena and prolong the receiving distance.
Sound Features	Enough intermediate frequency, relaxed singing, sound with
	magnetic and mixed thick feeling, the essence of the vocal microphone sound.