



UHF Dual-Channel Wireless Microphone

Embedded software: wireless microphone control software V1.05

T-530A/T-530B/T-530C



Hand-held mic T-530A



Lapel mic T-530B



Headset mic T-530C

Feature:

- * EIA international standard 1U metal 1/2 high cabinet, rack-mounted installation.
- * Adopt UHF ultra-high frequency band true diversity reception and PLL phase-locked loop multi-channel frequency synthesis technology.
- * Provide 100 frequencies within 640-665MHz respectively. Single channel true diversity reception can effectively avoid frequency interruption and extend the receiving distance.
- * Superior anti-interference ability can effectively suppress the external noise interference and same frequency interference.
- * LCD display window, channel, frequency, RF signal strength, antenna selection action, AF audio output intensity, frequency-scanning dynamics.
- * Infrared frequency automatic synchronization locking transmitter frequency ACT function.
- * Separated design of the rear receiving antenna, dual-antenna true diversity automatic signal receiving, audio code and noise locking dual muted circuit, long distance and stable receiving.
- * Internal adjustment SQ can increase the receiving sensitivity to increase the receiving distance or reduce the sensitivity to avoid noise interference.
- * The receiver can be connected to the external directional gain antenna system to realize longer receiving distance and stable receiving effect. It can reach 200 meters maximum.

Specifications:

System	Frequency	UHF 640-665MHz	
	Modulation	Broadband FM	
	Number of channel	100	
	Channel interval	250KHz	
	Frequency stability	Within $\pm 0.005\%$	
	Dynamic range	100dB	
	Maximum frequency deviation	$\pm 45\text{KHz}$	
	Frequency response	60-18KHz ($\pm 3\text{dB}$)	
	Integrated SNR	$> 115\text{dB}$	
	Integrated distortion	$\leq 0.5\%$	
	Working distance	100 meters on open space	
	Receiver	Receiving mode	Double frequency conversion superheterodyne
		IF frequency rate	110MHz, 10.7MHz
Wireless interface		BNC/50 Ω	
Sensitivity		12dB μV (80dBBS/N)	
Sensitivity range		12-32dB μV	
Discrete suppression		$\geq 75\text{dB}$	
Output interface		Balanced and unbalanced	
Maximum output level		+10dBV	
Power supply		DC 12~15V 500mA	
Working temperature		-10°C~+40°C	
Microphone	Size	210x44x147mm(W x H x D)	
	Weight	About 1.4Kg	
	Sound head	Moving-coil microphone	
	Condenser microphone	Lapel microphone, headset microphone	
	Antenna	Hand-held microphone has a built-in helical antenna, and the pendant transmitter uses a 1/4 wavelength whip antenna	
	Output power	High power 30mW; low power 3mW	
	Discrete suppression	-60dB	
	Power supply	2 1.5V alkaline battery.	
	Battery lifespan	About 10h at 30mW and about 15h at 3mW	
Function	True diversity receiving mode can effectively avoid frequency interruption and extend receiving distance		
Sound quality	Rich IF, magnetic and powerful sound		