



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	$\leq 0.5\%$
Receiver	Working distance	100 meters on open space
	Receiving mode	Double frequency conversion superheterodyne
	IF frequency rate	110MHz, 10.7MHz
	Wireless interface	BNC/50 Ω
	Sensitivity	12dB μV (80dBS/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
Microphone	Working temperature	-10°C~+40°C
	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