



# Wireless Microphone KT-M50T

Embedded software: microphone call control embedded software V1.32



## Feature

- \* Adopt PLL dual-channel loop design.
- \* Provide 200 channel selections, automatically search for channels without interference signals, and set this frequency as the receiver's frequency.
- \* Infrared automatic frequency matching function, conveniently and quickly synchronize the frequency of the transmitter and the receiver.
- \* LCD display, showing the received signal strength and volume.
- \* Support manually adjusting the power and receiving sensitivity of the transmitter, support automatically adjusting the squealing suppression level.
- \* With a power saving function, it will be muted after being placed for 3 seconds, and will automatically shut down after being placed for 10 minutes.

## Specification

<b>System</b>	
<b>Modulation mode</b>	Broadband Frequency Modulation (FM)
<b>Frequency range</b>	615-665MHz
<b>Channel number</b>	200 preset channels, channel interval 250KHz
<b>Frequency stability</b>	± 0.005%
<b>Dynamic range</b>	>110dB
<b>Maximum frequency offset</b>	± 48KHZ
<b>Audio frequency response</b>	50HZ-18KHZ ( ± 3dB)
<b>SNR</b>	> 105dB(1KHZ-A)
<b>THD</b>	≤0.3%
<b>Adjacent channel suppression</b>	≥70dB
<b>Working distance</b>	About 50-80 meters
<b>Receiver</b>	
<b>Receiving mode</b>	Automatic Channel Selection
<b>Oscillation mode</b>	PLL Frequency Synthesis
<b>Antenna input</b>	BNC connector / 50Ω
<b>IF</b>	110MHz, 10.7MHz
<b>Sensitivity</b>	>105dB (12bd S/NAAD)
<b>Spurious suppression</b>	≥75dB
<b>Maximum output level</b>	+10dBV
<b>Power supply</b>	12V DC 1A
<b>Working current</b>	≤500mA
<b>Transmitter</b>	
<b>Antenna</b>	The handheld microphone has a built-in helical antenna; the waist-mounted microphone uses a 1/4 wavelength whip antenna
<b>RF output power</b>	30mW
<b>Microphone cartridge</b>	Dynamic microphone
<b>Spurious suppression</b>	-60dB
<b>Power supply</b>	Two AA alkaline batteries
<b>Battery life</b>	> 6 hours
<b>Working temperature</b>	-10°C~50°C
<b>Power consumption</b>	10W
<b>Product size (L×H×D)</b>	420×44.5×185.5mm
<b>Package size (L×H×D)</b>	575×44.5×395mm
<b>Net weight</b>	2.875KG
<b>Gross weight</b>	3.53KG