



Wireless Microphone

TS-354D



Feature:

- * Using advanced PLL frequency synthesis technology, CPU bus control system of microcomputer integrated central processor.
- * Support both manual frequency selection and IR automatic frequency pairing and locking, noise lock squelch control and tone code lock squelch control, the signal is more stable.
- * Use a high-resolution OLED screen as the base display to display frequency point, channel number, battery level and charging status.
- * Electret condenser microphone is resistant to mobile phone signal interference.
- * 100-200 frequency points is adjustable from 470-510MHz, 540-590MHz, 640-690MHz, 807-830MHz.
- * The microphone base has a built-in charging circuit, and an external charging port for direct charging; the charging status is indicated on the display.
- * Suitable for indoor venues such as conference rooms, classrooms, living rooms, banquet halls, etc.
- * Equipped with 1 receiver and 4 wireless square short-pole microphones.

Specification:

System	
Frequency range	From 470-510MHz, 540-590MHz, 640-690MHz, 807-830MHz, 100-200 frequency points adjustable
Channel quantity	500
Channel spacing	200-250Hz
Carrier stability	Within $\pm 0.005\%$
Dynamic range	100dB
Max frequency offset	$\pm 45\text{KHz}$
Audio response	70Hz~12kHz
SNR	>105dB
Sensitivity	$-33\pm 1.5\text{dB}$ (0dB=1V/Pa, at 1KHz)
THD	$\leq 1\%$
Max output intensity	+10dBV
Effective use distance	About 40 meters indoors (barrier-free straight-line distance)
Gooseneck Microphone	
Antenna program	Built-in helical antenna
Output power	30mW
Discrete suppression	-60dB
Microphone pole	Square short microphone pole; monochromatic LED light at the rear shows the on/off status of the microphone
Power supply	Working voltage: 4.2V lithium battery power supply/adaptor power supply. Two 1400mA/H 18500 lithium batteries
Use time	It can be used continuously for about 19 hours after charging for 3 hours
Weight	0.4Kg (including square microphone pole and two 18500 lithium batteries)
Base size	Front width 98mm, rear width 110mm*depth 160mm*height 55mm
Receiver	
Screen type	LCD display
Antenna interface	BNC/50 ohms
Audio output level	Balanced 200 Ω load -13dBV, unbalanced 600 Ω load -2dBV ($\pm 40\text{KHz}$ frequency deviation at 1K signal, load)



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Audio output impedance	Balanced 200Ω; 1 combined unbalanced 600Ω
Balanced output	1-pin ground wire (output wire shield layer), 2-pin audio, 3-pin audio
Power supply	DC12V-1A
Working temperature	-10°C~+40°C
Dimension (W*H*D)	422mm*44.5mm*179mm
Weight	1.86Kg (Without antenna and power supply)