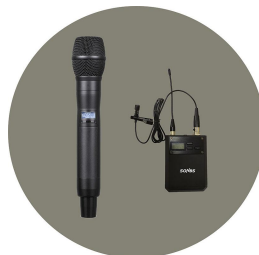




SA-300U True Diversity UHF Wireless Microphone



Two handhelds



one handheld+lavalier mic(A)



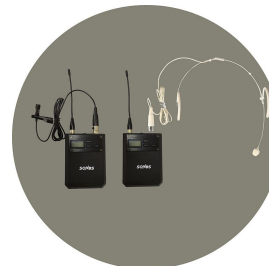
two lavalier mics (B)



one handheld and one headset (C)



two headset (D)



one headset and one lavalier mic (E)

Features:

1. Use UHF520-690MHz frequency band to avoid interference frequency;
2. Flexible and easy to operate;
3. Automatic infrared frequency, so that the transmitter and the receiver automatically synchronize to send and receive;
4. 200 channels with PLL frequency synthesis stabilization system;
5. 4 groups of independent RF and IF systems with 4 independent high-gain antennas;
6. The latest high frequency filter is used to filter out out-of-band interference signals to the maximum extent.
7. High frequency circuit design with secondary frequency conversion, with extremely high sensitivity;
8. Multiple squelch control circuit to reject external interference;
9. Microphone uses dual boost design, battery power drop does not affect the transmission power



10. Specially designed voice compression and expansion circuit greatly improves the signal-to-noise ratio.
11. Unique circuit design, large dynamic, wide frequency response, low noise;
12. Performance engineering, school broadcasting, public broadcasting, playground, and other remote operating environments;
13. Working distance: more than 100m indoors and 260m outdoors;

Technical parameters

System indicators	
Frequency range	UHF 520-690MHz
Modulation mode	Broadband FM
Adjustable range	50MHz
Number of	2×100
Channel spacing	250KHz
Frequency	Within ± 0.005%
Dynamic range	100dB
Maximum	±45KHz
Frequency	80Hz-18Khz
Integrated signal	>105dB
Integrated	≤0.5%
Operating	-10℃~50℃
Working distance	≤ 260m
Receiver index	
Receiver mode	Double frequency conversion superheterodyne
Intermediate	110MHz, 10.7MHz
Sensitivity	BNC/50Ω
Wireless	12dB μV (80dBS/N)
Sensitivity	12-32dB μV
Discrete	≥75dB
Maximum output	+10dBV
Power supply	DC 12-18V 500mV input
Transmitter indicators	
Antenna	Built-in spiral antenna for handheld microphone, 1/4 wavelength whip antenna for on-hook
Output Power	High power 30 mW, low power 3mW
Sound head	Dynamic microphone
	Condenser (Lavalier, Headset)
Discrete	≥60dB
Power supply	2 No.5 1.5V batteries
Duration of use	Approximately 10 hours for 30 mW and 15 hours for 3 mW
Characteristics of sound quality	The intermediate frequency is rich, the singing is relaxed, the voice has the magnetic sex appeal and the hoodlum thick feeling, belongs to the human voice microphone to hold the essence