

SA-100U UHF Wireless Microphone



Two handhelds



one lavalier mic, one handheld (A)



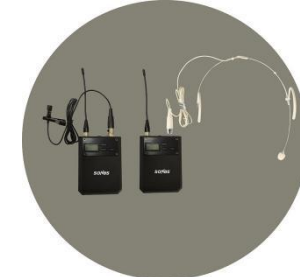
two lavalier mics (B)



one handheld and one headset (C)



two headset (D)



one headset and one lavalier mic (E)

One host + two wireless microphones

Features

1. Use the UHF 640-690MHz band to avoid interference frequencies;
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. The latest high frequency filter is used to filter out out-of-band interference signals to the maximum extent.
6. High frequency circuit design with secondary frequency conversion, with extremely high sensitivity;

7. Multiple squelch control circuit to reject external interference;
8. Specially designed voice compression and expansion circuit greatly improves the signal-to-noise ratio.
9. Unique circuit design, large dynamic, wide frequency response, low noise;
10. Dedicated to extremely demanding occasions such as KTV/meetings;

Technical parameters

System Indicators	
Frequency range	UHF 640-690MHz
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	≤ 80m
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.