



LCS-2340A

2-Channel UHF Handheld Wireless Microphone

This LCS-2340A Handheld UHF Microphone features anti-interference, anti-crosstalk, high-fidelity, high SNR, and excellent wireless transmission range, a 500MHz+600MHz dual-band for superior multi-channel performance, a DTR-series universal receiver compatible with various transmitters, and a 20–20KHz full audio range with <2dB frequency response deviation and +30°~–60° phase deviation suitable for sound field testing.

MAIN FEATURES

▲ High-Performance Wireless Audio System

It offers anti-interference, anti-crosstalk, high-fidelity sound, high signal-to-noise ratio, and excellent wireless transmission range.

▲ Advanced Wireless Technology

Adopts digital UHF technology with an effective wireless transmission range of up to 70 meters, effectively avoiding interference.

▲ Hybrid Power Supply Technology

Utilizes the patented "Hybrid Power Supply" technology, compatible with 3.7V 14500 lithium batteries or 1.5V AA batteries.

▲ Full Audio Band Wireless Transmission

Covers the 20–20kHz full audio band with <2dB frequency response deviation for near-lossless transmission, and phase deviation of +30° to –60°.

SPECIFICATION

TRANSMITTER WIRELESS PARAMETERS

Communication Mode:	Digital U-Band Audio Wireless Communication
Modulation Method:	Pi/4DQPSK
Transmission Frequency Band:	510~698 MHz, (Different Regions Have Different)
RF Output Power:	<18 dBm
Transmission Distance:	70m (Interference-Free Environment Result, Varies By Transmitter Location)
Sensitivity:	-96 dBm
S/N:	>96 dB
T.H.D:	<0.03% (@1KHz
Frequency Response:	20Hz~20KHz, Attenuation <2dB
Phase Response:	-30° ~ +60° (@20Hz-20KHz)
Latency:	4.17 ms

TRANSMITTER AUDIO PARAMETERS

Type:	Dynamic Microphone
Sensitivity:	0 [^] 0 - 71dB±3dB(0dB=1V/Ubar @ 1KHz)
Frequency Response:	50Hz ~ 16kHz
Output Impedance:	600Ω ±30% (@1KHz)
Directivity:	Single Pointing

TRANSMITTER GENERAL PARAMETERS

Power Supply:	14500 Lithium Battery (3.7V) *2 Or AA5 Battery (1.5V) *2 [Hybrid Power Technology]
Battery Life:	>6h (Lithium Battery) / 4h (AA 5 Battery)
Operating Temperature Range:	5 °C~ 45 °C(Battery Characteristics May Limit This Range)
Product Weight:	210g (Without Battery)
Product Dimensions:	L=245mm ; R=38mm
Material:	Engineering Plastics
Storage Temperature Range:	-5°C~ 74°C(Battery Characteristics May Limit This Range)

RECEIVER PARAMETERS

Communication Mode:	Digital U-Band Audio Wireless Communication
Modulation Method:	Pi/4DQPSK
Transmission Frequency Band:	510~590, 668~698 MHz (Varies Depending On Region)
RF Output Power:	<18 dBm
Frequency Response Attenuation:	<2dB (20Hz~20KHz)
Signal-To-Noise Ratio (S/N):	>96 dB
Total Harmonic Distortion (T.H.D):	<0.03% @ 1KHz
Number Of Channels:	36 Channels
Bandwidth:	Up To 180MHz, Differences According To Regions
Power Supply:	DC 12V/1A /8W
Dimensions (Without Antenna):	480×200×45mm
Product Weight:	2.08kg

ACCESSORIES

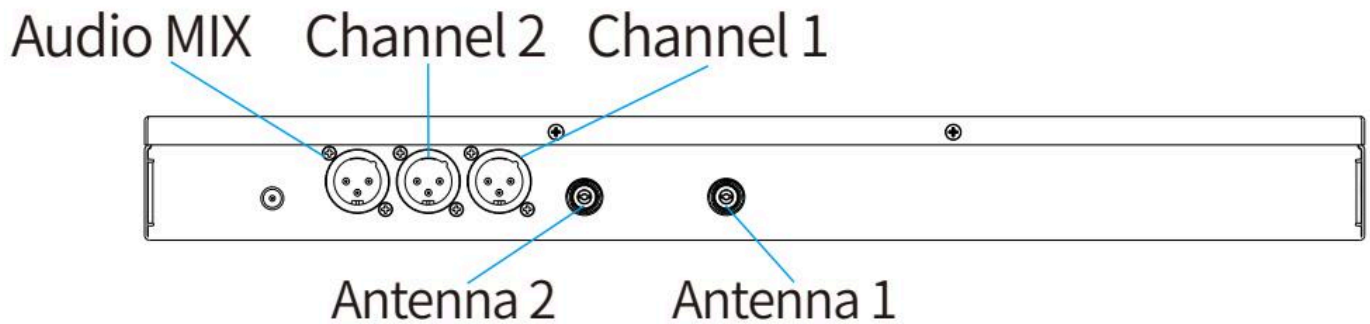
1×Receiver
1×Power Adapter (Optional)
2×Antenna
2×Handheld Microphone
1×Quick Installation Guide
1×Warranty & Certification Card

INTERFACE DESCRIPTION

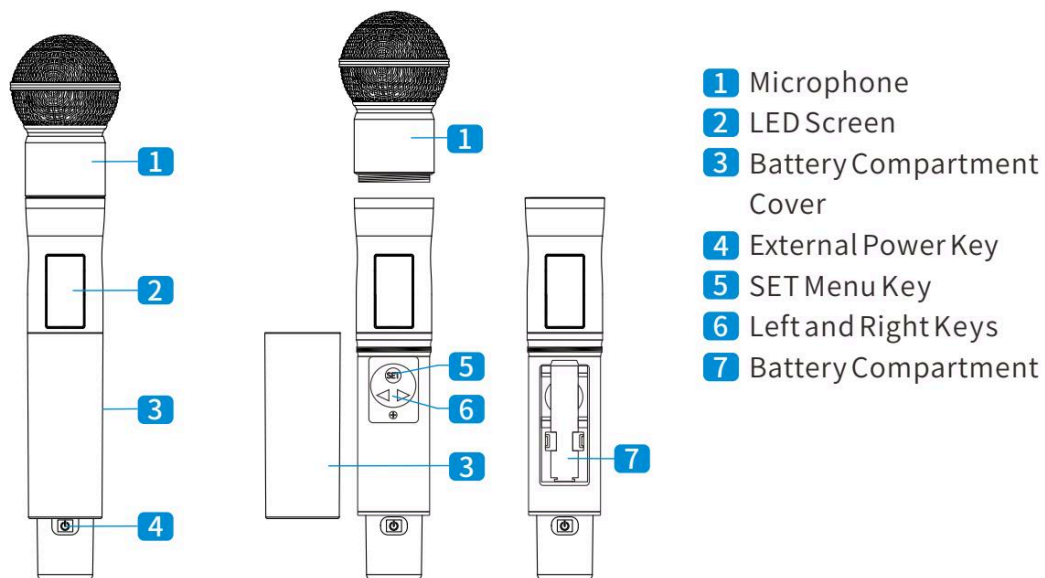
[Front Panel]



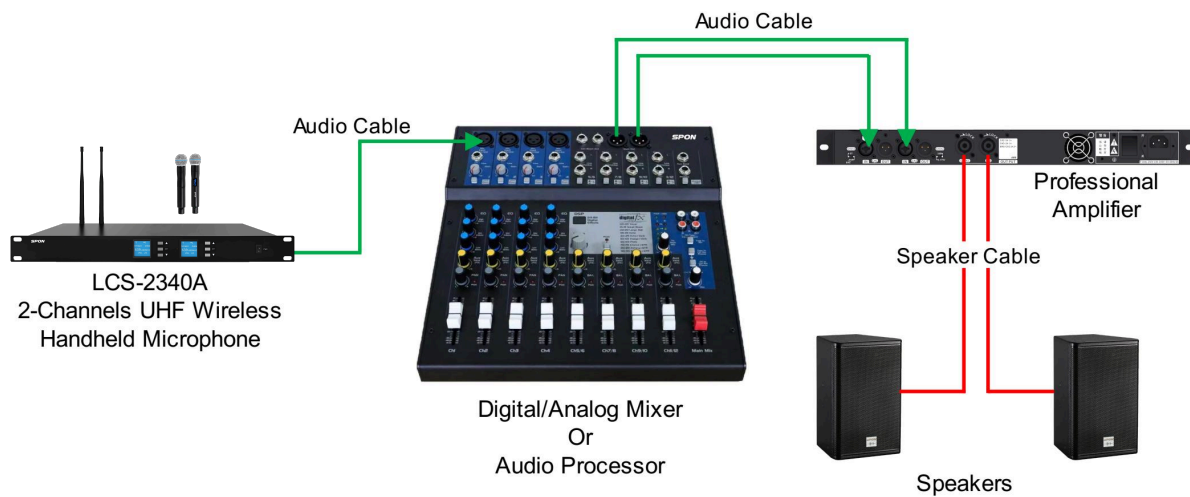
[Rear Panel]



INTERFACE DESCRIPTION (TRANSMITTER)



CONNECTION DIAGRAM (Conference System)



CONNECTION DIAGRAM (IPPA System)

The 2-Channel UHF Handheld Wireless Microphone LCS-2340A can be used as external audio source to broadcast to designated zones or endpoint through live broadcasting of management software.

