



LCS-2340T

2-Channel UHF Headset Microphone

This LCS-2340T Headset 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 80 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 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)
Bandwidth:	80Mhz+30MHz
Number of Channels:	36 Channels
RF Output Power:	<18 dBm
Transmission Distance:	70m (Interference-free environment result, varies by transmitter location)
Receiver Sensitivity:	-96 dBm
Signal-to-Noise Ratio (S/N):	>96 dB
Total Harmonic Distortion (T.H.D):	<0.03% (@1KHz
Wireless Frequency Response:	20Hz~20KHz, attenuation <2dB
Phase Response:	Low-frequency deviation >-30°, high-frequency deviation <60°(20Hz~20KHz)
Latency:	4.17ms
Power Supply:	2×14500 lithium battery (3.7V) or 2×AA battery (1.5V) [HybridBattery Technology]
Battery Life:	· 7 hours (Lithium battery) · 4 hours (AA batteries)
Operating Temperature Range:	5 °C~ 45 °C(Battery Characteristics May Limit this Range)
Product Weight:	52g (without battery)
Product Dimensions:	94(W)×64(H)×21(D) mm
Material:	Engineering-plastics
Storage Temperature Range:	-5°C~74°C (may be limited by battery characteristics)

RECEIVER PARAMETERS

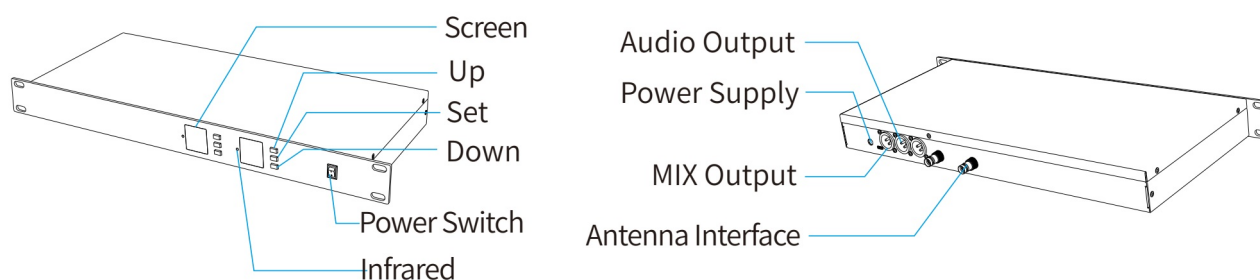
Communication Mode:	Digital U-band audio wireless communication
Modulation Method:	Pi/4DQPSK
RF Output Power:	<18 dBm
Signal-to-Noise Ratio (S/N):	>96 dB
Total Harmonic Distortion (T.H.D):	<0.03% @ 1KHz
Latency:	4.17ms
Number of Channels:	36 Channels
Bandwidth:	80Mhz+30MHz
Power Supply:	DC 12V/1A/8W
Dimensions (Without Antenna):	480×200×45mm
Product Weight:	2.08kg

ACCESSORIES

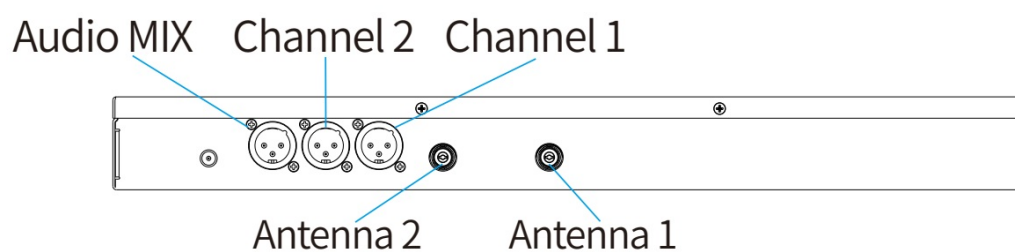
1×Receiver
1×Power Adapter (Optional)
2×Antenna
2×Headset Microphone
1×Quick Installation Guide
1×Warranty & Certification Card

INTERFACE DESCRIPTION (RECEIVER)

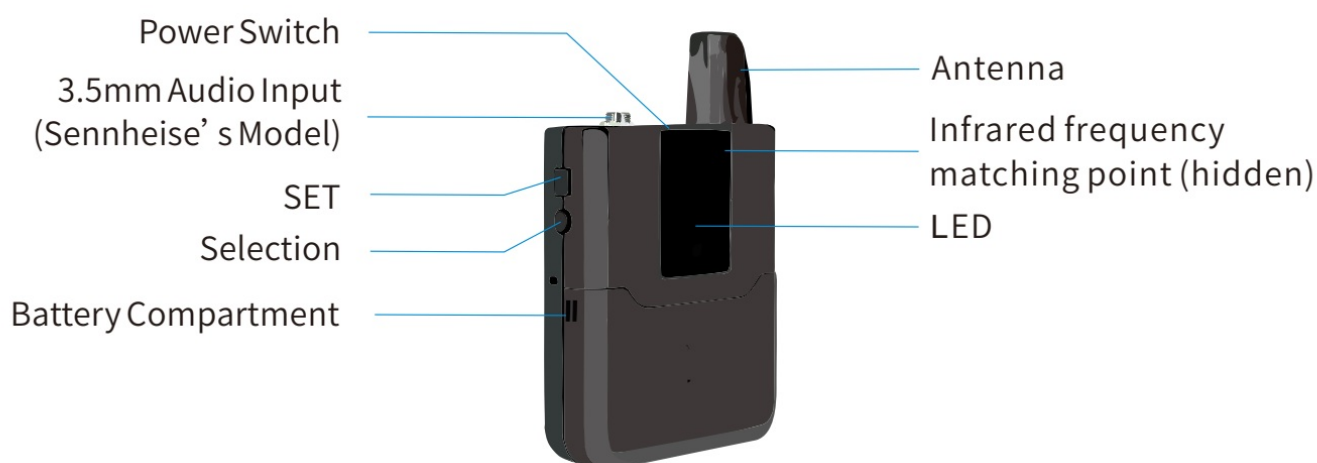
[Front Panel]



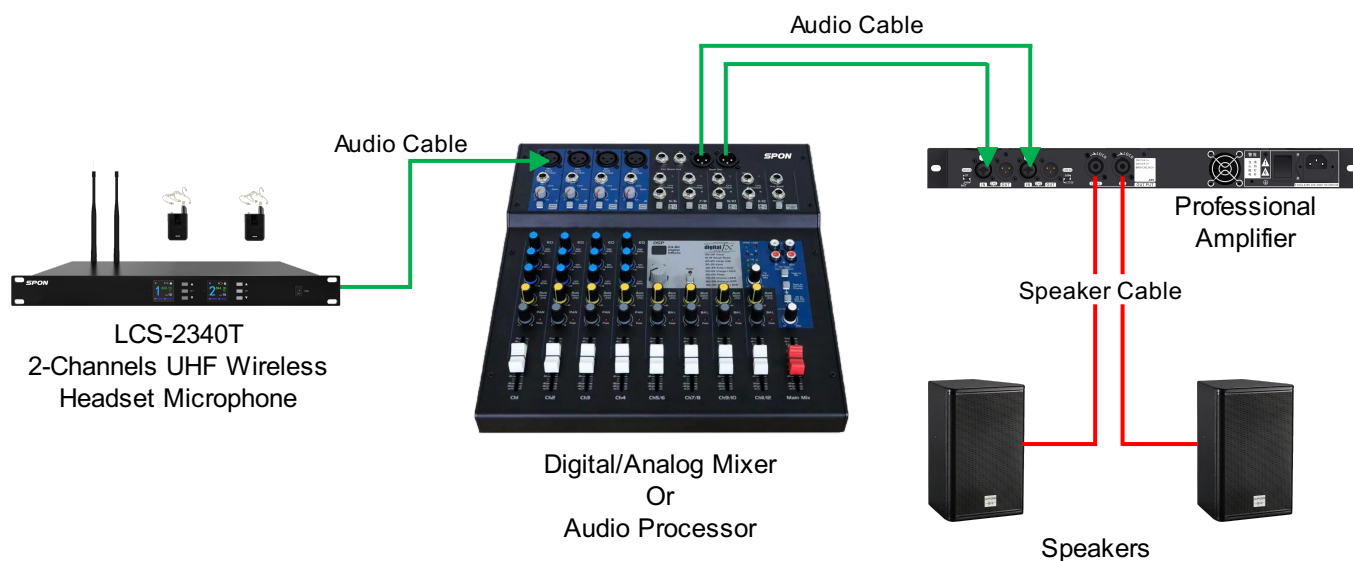
[Rear Panel]



INTERFACE DESCRIPTION (TRANSMITTER)



CONNECTION DIAGRAM (Conference System)



CONNECTION DIAGRAM (IPPA System)

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

