D5822L

True Diversity UHF Wireless Lavalier Microphone System (1 Receiver + 2 Lavalier Microphones + 2 Rechargeable Bodypack Transmitters)

Description

The D5822L True Diversity UHF Wireless Lavalier Microphone System (1 Receiver + 2 Lavalier Microphones + 2 Rechargeable Bodypack Transmitters) is designed for conferences, presentations, teaching, and professional audio applications. Featuring a dual-channel PLL design and 200-channel UHF digital locking technology, it ensures stable transmission and reliable anti-interference performance, while infrared frequency synchronization enables fast and convenient pairing between the receiver and transmitters. The receiver supports independent volume adjustment for each channel and features a display screen for monitoring frequency, channel, squelch, and signal status. Equipped with single-lavalier microphone bodypack transmitters, the system features a 0.96" TFT color display showing frequency, channel, RF signal strength, and volume level, with adjustable RF power and volume settings for flexible operation. Supporting both Type-C charging and dedicated charging dock charging, the rechargeable bodypack transmitters provide over 10 hours of continuous operation. With clear sound quality, low distortion, and reliable wireless performance, the D5822L is suitable for various professional sound reinforcement applications.

Features

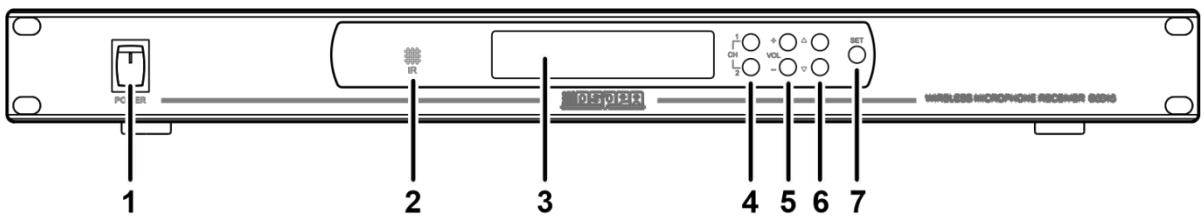
- Dual-channel PLL (Phase-Locked Loop) design.
- UHF 200-channel PLL digital locking with automatic communication.
- Using infrared frequency pairing.
- Equipped with a display screen showing frequency, channel, squelch, and signal level.
- Independent volume adjustment for each channel.
- Single-lavalier microphone design.
- 0.96" TFT color display showing frequency, channel, RF signal strength, and volume level.

- Infrared (IR) frequency synchronization.
- Adjustable RF signal strength and volume levels.
- Supports Type-C charging and dedicated charging dock.

Specifications

Model	D5822L
Receiver	
Frequency Range	632-695.25MHz
Number of Channels	200
Frequency Step	250KHz
Dynamic Range	82dB
Maximum Frequency Deviation	±45KHz
Audio Frequency	120Hz-15KHz (±3dB)
Signal-to-Noise Ratio (SNR)	＞70dB
Total Harmonic Distortion (THD)	≤1%
Operating Temperature	-10℃— +40℃
Antenna Interface	BNC / 50 Ω
Sensitivity	≤-95dBm
Display Type	Display Screen
Power Supply	DC 12 V, 600 mA
Product Dimension	483×196×44mm
Weight	2.3kg
Rechargeable Bodypack Microphone	
Antenna Type	¼-Wave Whip Antenna
Output Power	High Power: 14dBm; Low Power: 6dBm
Spurious Suppression	-60dB
Power Supply Mode	3.7V / 3000mA Lithium Battery
Battery Life	>10 hours at 14dBm; >15 hours at 6dBm
Display Type	Display Screen
Product Dimension	96×65×30mm
Weight	0.35kg

Front / Rear Panel



① Power Switch

② Infrared Frequency Pairing Window

③ Display Screen

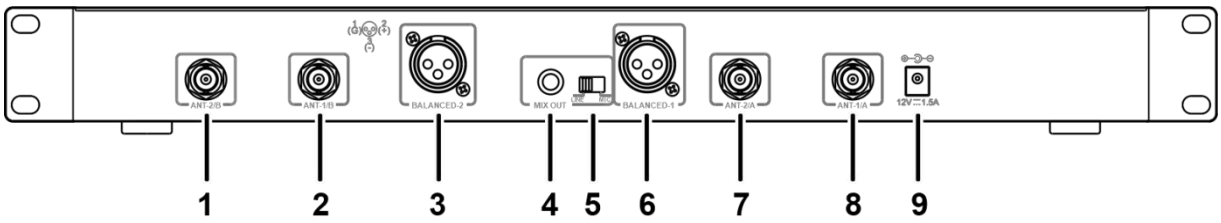
④ Channel Selection & Mode Switch Buttons

Long press the CH1 button to enter mode switching. Short press the CH2 button to select Mode 1 or Mode 2, then long press the CH1 button again to save and exit.

⑤ Volume + / Volume - Button

⑥ Group and Frequency Number + / -Button

⑦ Frequency Pairing Button



① Antenna Input

② Antenna Input

③ Channel 2 Balanced Output (XLR)

④ Channel 1 & 2 Mixed Output (6.35 mm)

⑤ Mixed Output Level Switch (LINE: 150 mV, MIC: 7 mV)

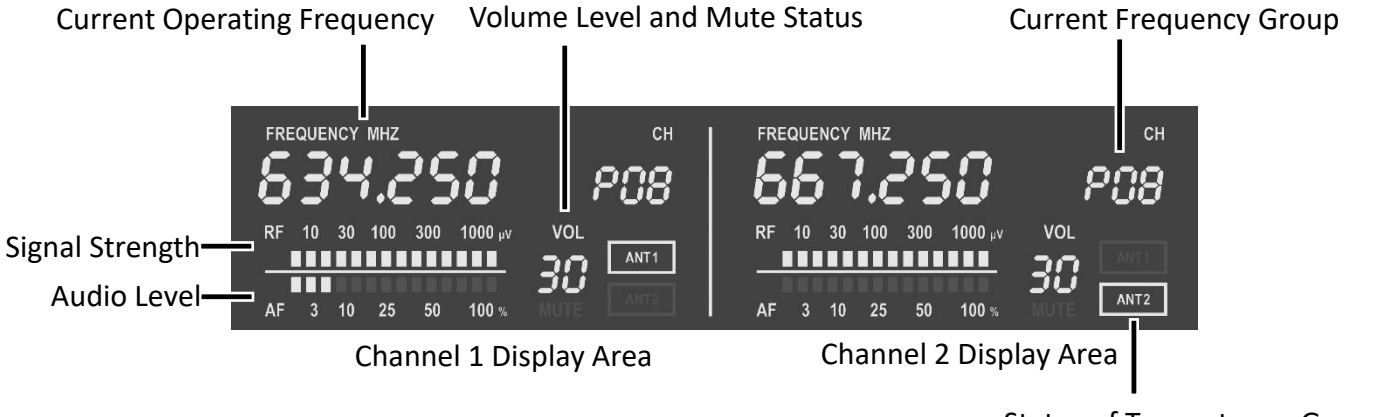
⑥ Channel 1 Balanced Output (XLR)

⑦ Antenna Input

⑧ Antenna Input

⑨ Power Input

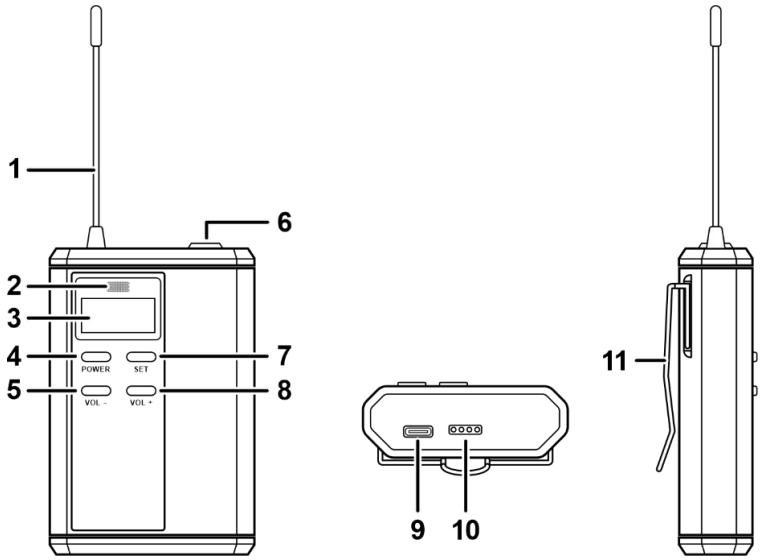
Display Description



Wireless Microphone Buttons and Interfaces

Rechargeable Bodypack Transmitter

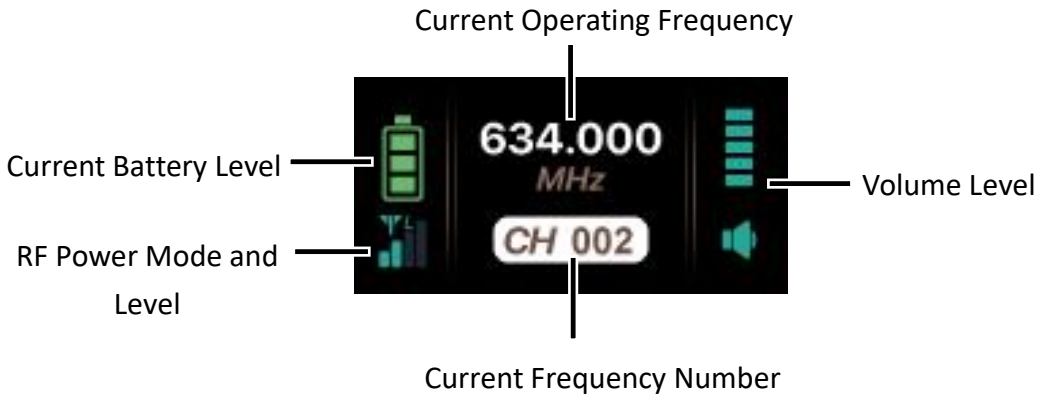
1. 4G Antenna
2. Infrared (IR) Synchronization Window
3. Display Screen
4. Power Switch (Press and hold for 3 seconds to power on/off)
5. VOL- Button (Volume up, high–low RF power switching, RF power lock / unlock, mode switching)
6. Detachable XLR Connector
7. SET Button
8. VOL+ Button (Volume up, high–low RF power switching, RF power lock / unlock,



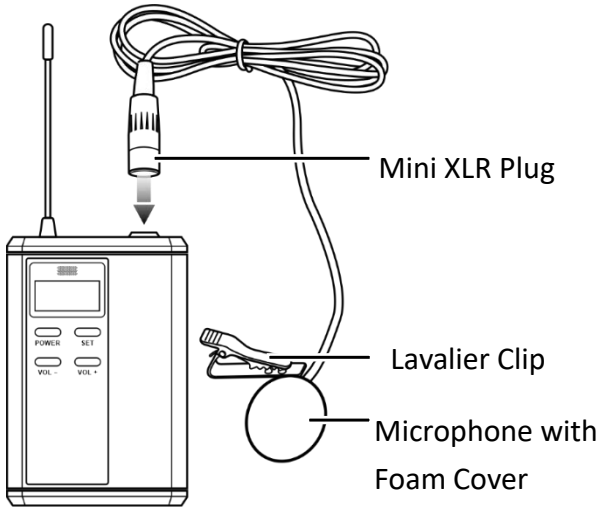
mode switching)

9. TYPE-C Charging Port
10. Charging Contacts (for charging with the dedicated charging case)
11. Belt Clip (for securing the wireless microphone)

Display Description



Using with a Lavalier Microphone



1. As shown in the illustration, insert the Mini XLR plug of the lavalier microphone into the microphone's XLR connector.
2. Attach the lavalier clip to clothing, a tie, a collar, or another suitable position for optimal sound pickup.