

# D5817

## 8-Channel UHF Wireless Receiver



### Description

The 8-Channel UHF Wireless Receiver is designed for professional sound reinforcement, featuring an 8-channel PLL (Phase-Locked Loop) design for stable, interference-resistant transmission. With a 200-channel UHF system and infrared frequency pairing, it supports fast frequency synchronization and multi-device operation. A clear display shows frequency, group, signal strength, and volume level, while independent volume control for each channel ensures flexible adjustment. With a signal-to-noise ratio over 73dB and low distortion, it delivers clear and natural sound reproduction, making it suitable for conferences, performances, and similar applications.

### Features

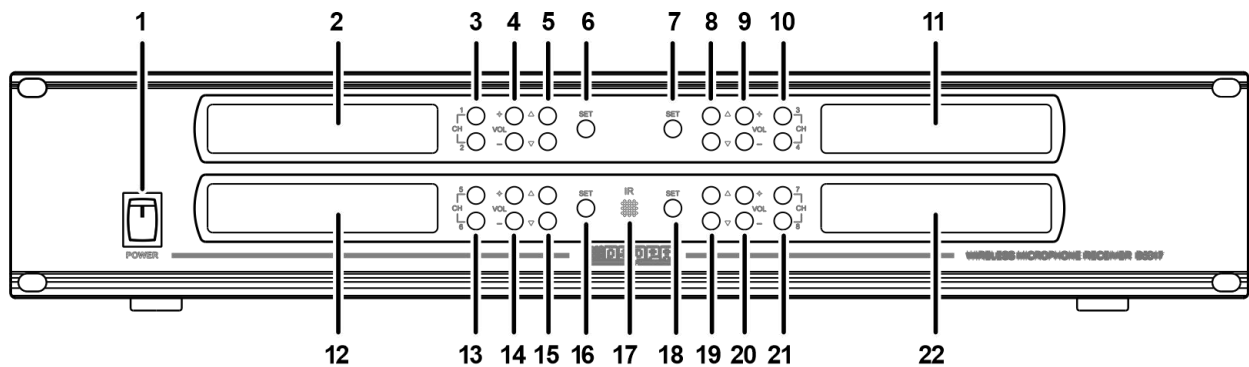
- 8-channel PLL (Phase-Locked Loop) design.
- UHF 200-channel PLL digital locking with automatic communication.
- Using infrared frequency pairing.
- Equipped with a display screen showing frequency, group, signal strength, and volume level.
- Independent volume adjustment for each channel.

### Specifications

Model	D5817
Frequency Range	632-695.25MHz
Number of Channels	200
Frequency Step	250KHz

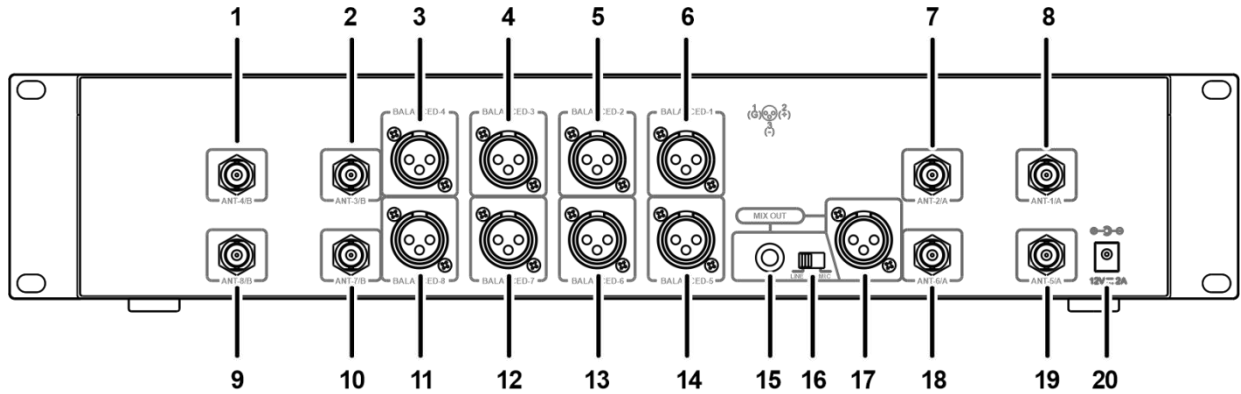
Dynamic Range	88dB
Maximum Frequency Deviation	±45KHz
Audio Frequency	120Hz-16KHz (±3dB)
Signal-to-Noise Ratio (SNR)	>73dB
Total Harmonic Distortion (THD)	≤1%
Operating Temperature	-10°C — +40°C
Antenna Interface	BNC / 50 Ω
Sensitivity	≤-95dBm
Display Type	Display Screen
Power Supply	DC 12 V, 600 mA
Product Dimension (W×D×H)	483×196×88mm
Package Size	530×335×145mm
Net Weight	3.3kg
Gross Weight	5.2kg

## Front / Rear Panel



- ① Power Switch
- ② Channel 1 & 2 Display Screen:
- ③ 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.
- ④ Channel 1 & 2 Volume + / Volume - Button
- ⑤ Channel 1 & 2 Group / Frequency ID Toggle Buttons (Previous / Next)
- ⑥ Channel 1 & 2 Frequency Pairing Button
- ⑦ Channel 3 & 4 Frequency Pairing Button
- ⑧ Channel 3 & 4 Group / Frequency ID Toggle Buttons (Previous / Next)
- ⑨ Channel 3 & 4 Volume + / Volume - Button
- ⑩ Channel 3 & 4 Selection Buttons.
- ⑪ Channel 3 & 4 Display Screen.
- ⑫ Channel 5 & 6 Display Screen.
- ⑬ Channel 5 & 6 Selection Buttons.
- ⑭ Channel 5 & 6 Volume + / Volume - Button
- ⑮ Channel 5 & 6 Group / Frequency ID Toggle Buttons (Previous / Next)

- ⑩ Channel 5 & 6 Frequency Pairing Button
- ⑪ Infrared (IR) Synchronization Window
- ⑫ Channel 7 & 8 Frequency Pairing Button
- ⑬ Channel 7 & 8 Group / Frequency ID Toggle Buttons (Previous / Next)
- ⑭ Channel 7 & 8 Volume + / Volume - Button
- ⑮ Channel 7 & 8 Selection Buttons.
- ⑯ Channel 7 & 8 Display Screen.



- ① Antenna Input
- ② Antenna Input
- ③ Channel 4 Balanced Output (XLR)
- ④ Channel 3 Balanced Output (XLR)
- ⑤ Channel 2 Balanced Output (XLR)
- ⑥ Channel 1 Balanced Output (XLR)
- ⑦ Antenna Input
- ⑧ Antenna Input
- ⑨ Antenna Input
- ⑩ Antenna Input
- ⑪ Channel 8 Balanced Output (XLR)
- ⑫ Channel 7 Balanced Output (XLR)
- ⑬ Channel 6 Balanced Output (XLR)
- ⑭ Channel 5 Balanced Output (XLR)
- ⑮ 8-Channel Mixed Output (6.35 mm)
- ⑯ Mixed Output Level Switch (LINE: 150 mV, MIC: 7 mV)
- ⑰ 8-Channel Mixed Balanced Output (XLR)
- ⑱ Antenna Input Interface
- ⑲ Antenna Input Interface
- ⑳ Power Input

### Display Description

The display functions of all 8 channels are identical. Channel 1 and Channel 2 are used as examples below.

