

DSP1601 DSP1602

Portable Wireless Bluetooth Speaker



Note: The product is available in black, orange, and white color options.

Description

The Portable Wireless Bluetooth Speaker is a versatile audio solution designed for music playback, live streaming, and sound reinforcement. Featuring a 60W output with a 6.5" woofer and dual 2" tweeters, it delivers clear, balanced sound with enhanced bass performance. Equipped with Bluetooth 5.3 and TWS functionality, it ensures stable wireless connection and true stereo experience. The speaker supports multiple input options, including USB, AUX, microphone, and instrument inputs, offering flexible connectivity for various applications. With built-in OTG digital recording, it enables direct audio capture on smartphones for high-quality recording and live streaming. Its portable design, intuitive controls, and dynamic RGB lighting make it suitable for both indoor and outdoor use.

Features

- 60W output with 2-way speaker system for clear and powerful sound
- Bass Boost mode with selectable levels (0dB / +3dB / +6dB)
- Bluetooth 5.3 for stable wireless connection up to 10m
- TWS function for true wireless stereo pairing
- Supports USB, AUX, microphone, and instrument inputs
- OTG digital recording for direct smartphone audio capture
- Built-in RGB lighting with multiple color modes
- Smart control with knob operation and visual LED feedback
- Up to 10 hours of playback with built-in 4000mAh battery
- Supports simultaneous charging via DC power input

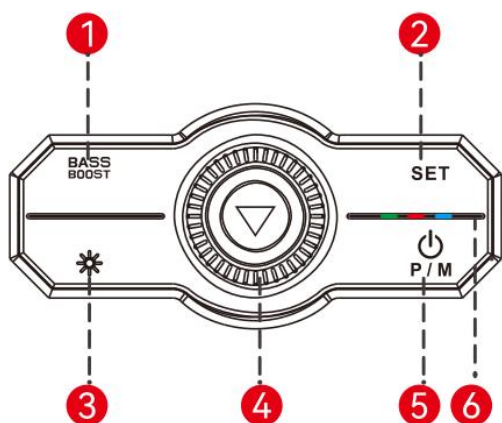
- Compatible with Android, iOS, and HarmonyOS devices
- Optional speaker stand support (DSP1601 only)

Specifications

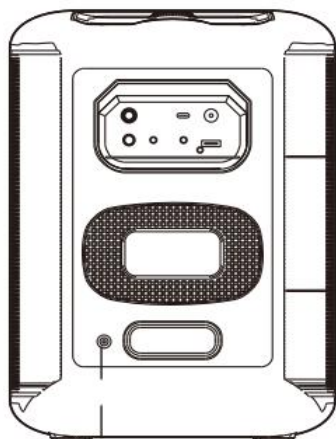
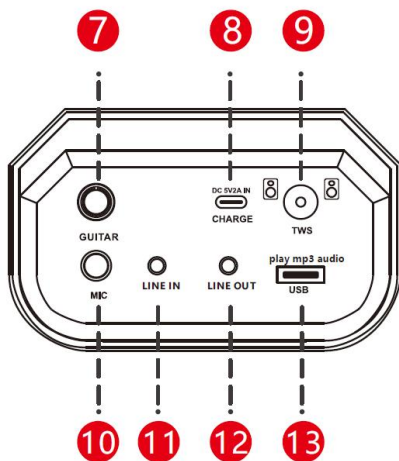
Model	DSP1601	DSP1602
Speaker Size	Woofer:1×6.5" + Tweeter:2×2"	
Rated Power	60W	
Frequency Response	40Hz-20kHz(±6dB)	
Max. SPL	105dB/1m/1W	
THD + Noise	≤1% (50W/1kHz)	
SNR	≥81dB	
Sensitivity	86dB	
Impedance	Woofer:4ohms(±15%) Tweeter: 6 ohms(±15%)	
Preset EQ	3-band EQ (General or Bass Boost)	
Directionality	120°H×90°V	
Bluetooth Version	5.3	
Bluetooth Range	10m (No Obstructions)	
Charging Port	Type-C	
Input Connector	BT 5.3 / 6.3 mm MIC input	
Charging Voltage and Current	DC 5V / 2A	
Charging Time	3 Hours	
Audio Playback Time	10 Hours*	
Standby Time	300 Days	
Battery Type	Low Internal Resistance Ternary Lithium Battery, 4000mAh	
DC Power Input	DC12V 5A	
Product Size(W x H x D)	335×250×280mm	250×335×280mm
Package Size(W x H x D)	400×340×315mm	310×400×340mm
Net Weight	6kg	5.2kg
Gross Weight	7kg	6.2kg

*The playback time is tested under engineering conditions at 1/4 rated power with -13 dB pink noise.

Front/Rear Panel



1. Bass Boost, enable Bass Mode, select 0dB/+3dB/+6dB
2. Voice Navigation Function Switch Button
(Microphone volume/Microphone high frequency/low frequency/Microphone effect/Instrument volume) adjustment is operated on button (5), with volume level correspondingly displayed by the RGB light.
3. RGB Light Power On/Off
Single press to switch different color style. Press 2S to turn on/off the lighting effect.
4. Volume +/Volume -/Play/Pause/Previous Song/Next Song
(When powered on, rotate the volume knob a second time to display the remaining battery level)
"<20% red, 20%~30% yellow, >30% green"



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5. Power switch / Bluetooth switch button

Press one to turn on the speaker. Press and hold for 5 second to turn off the speaker.

6. Function indicator light

7. Instrument input (6.35mm)

8. Type-C charging port/sound card interface/audio input interface OTG wired digital internal recording interface (compatible with Android/iOS/HarmonyOS)

9. TWS connection button

10. Microphone input (6.35mm) (Optional)

11. 3.5mm Four-core LINE-IN audio input/analog mobile live streaming port

12. 3.5mm Three-core LINE-OUT audio output

13. USB-A port, capable of playing MP3 music via USB flash drives or external hard drives

14. DC 12V/5A DC power input terminal, capable of simultaneous charging