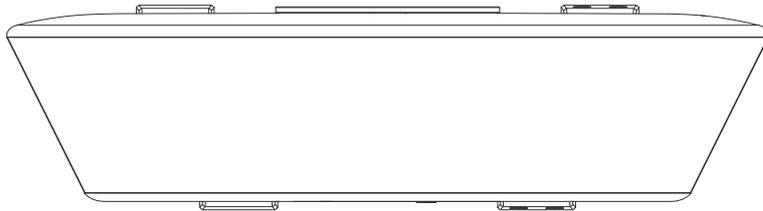


DSP6609 WA2456

iTeach Wireless Audio System



DSP6609 iTeach Speaker



WA2456 2.4G Handheld Microphone

Description

The iTeach Speaker, paired with a 2.4G handheld microphone, forms a high-fidelity audio system. This system combines digital signal processing (DSP) technology with a digital audio amplifier, and features four built-in full-range speaker drivers for exceptional sound quality. The system is designed to be compact and portable, with the handheld microphone easily fitting into a coat pocket and supporting charging via a built-in battery or a mobile phone charger. It supports 2.4G wireless audio transmission, making it well-suited for local sound reinforcement, multimedia teaching, and other wireless audio applications.

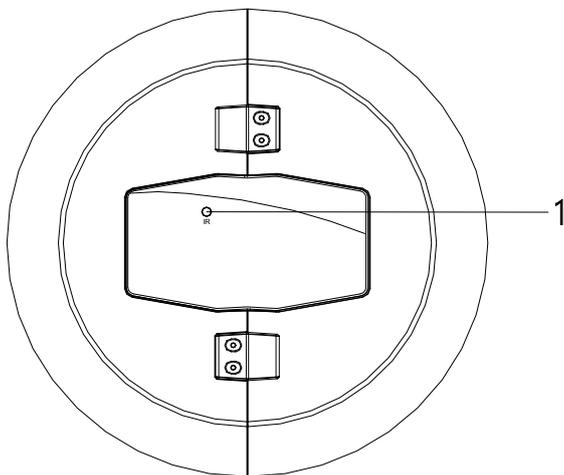
Features

- Features a sleek and minimal design, crafted from high-quality engineering plastic with a smooth texture, offering both aesthetic appeal and long-lasting durability.
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- Combines digital signal processing (DSP) technology with a digital audio amplifier to deliver clear and layered sound amplification.
- Equipped with four built-in full-range speaker drivers, delivering bright and clear audio with excellent tonal performance and high sensitivity.
- Supports Bluetooth connectivity for wireless audio streaming, with remote control functionality for convenient operation.
- The handheld microphone can also function as a conference mic and fits easily into a coat pocket for portability.
- Standard TYPE-C charging port compatible with mobile phone chargers.
- Features audio source priority settings, with the following hierarchy: MIC > Bluetooth > AUX.

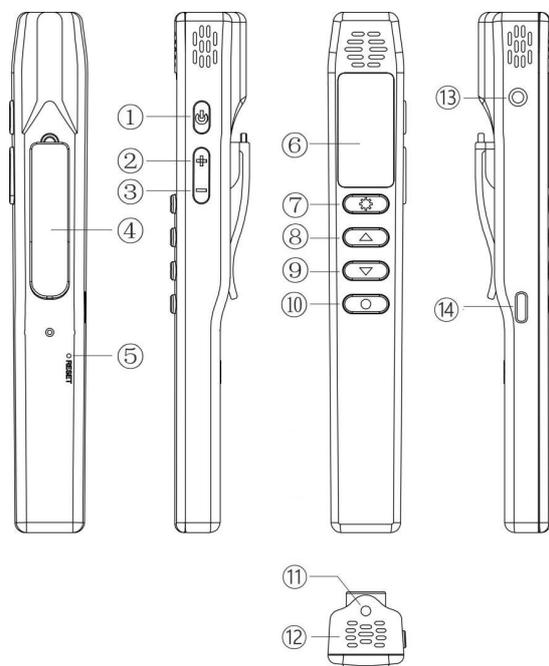
Specifications

| Model | | DSP6609 WA2456 |
|-------------------------------|--------------------------------|----------------|
| DSP6609 iTeach Speaker | Drive Unit | 2.75"×4 |
| | Amplifier Rated Power (RMS) | 2×15W @5% 1KHz |
| | Input Sensitivity (Stereo) | 300mV±50mV |
| | Amplifier Frequency Response | 80Hz-16KHz |
| | SNR | ≥71dB |
| | Max. SPL (1m, 1W) | 92dB±2dB |
| | Bluetooth Distance | 10 m |
| | Power Supply Range | AC100-240V |
| | Package (Diameter×Height) Size | 330×330×205mm |
| | Product (Diameter×Height) Size | 271×88mm |
| WA2456 Handheld Microphone | Net Weight | 2.2kg |
| | Gross Weight | 2.9kg |
| | Frequency Response | 150Hz-12KHz |
| | Volume Control | 20 Levels |
| | Input Sensitivity | 60±5mV |
| | SNR | ≥63dB |

Front / Rear Panel



1. IR Receiver Port

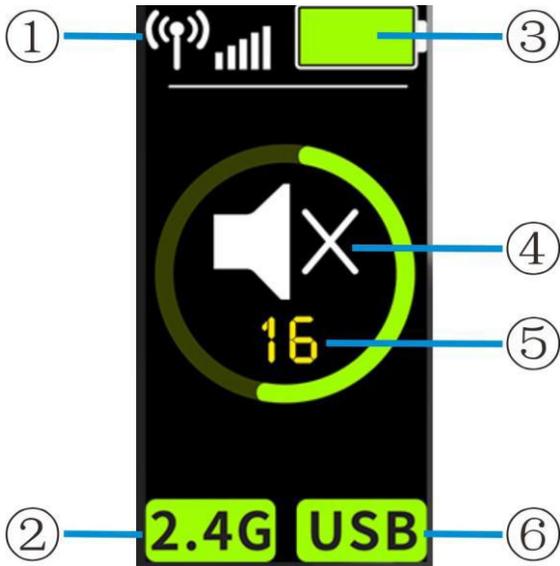


1. On/Off Button
2. Volume +
3. Volume -
4. Back Clip
5. RESET Key
6. Display Screen

7. Infrared Laser Pointer Button
8. Page Up Key
9. Page Down Key
10. Menu Key

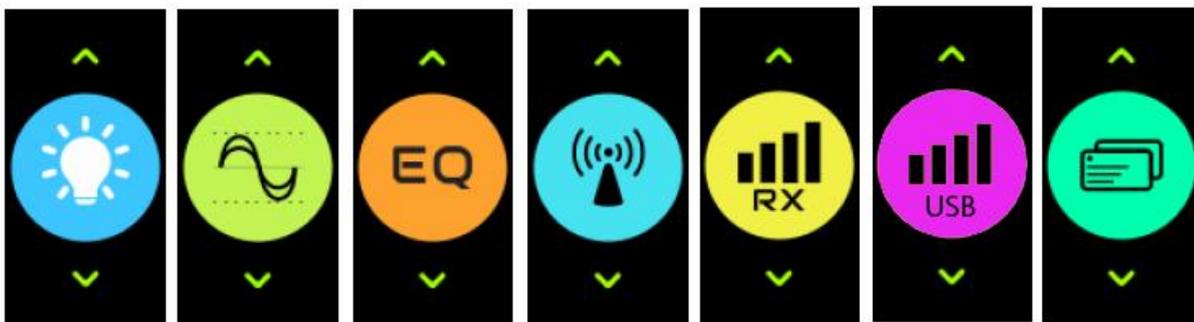
11. Infrared Emitter
12. Microphone
13. 3.5MM Audio Interface
14. Type-C Charging Port

Microphone Display Content Introduction



- ① Connection Status: Flashing means not connected/disconnected, steady on means connected
- ② Current binding method: Supports 2.4G, LOCK, and IR three modes
- ③ Battery Indicator
- ④ Microphone Status: Mute when marked with X, and normal amplification when not marked with X.
- ⑤ Volume Level: Support 1-20 levels
- ⑥ USB-PPT Function: If connected to the USB module, the page turning function can be performed

Microphone Menu Content Introduction



1. Brightness Setting: Support 1~5 levels of modification;
2. Limiter Setting: Support OFF, 1, 2, and 3 levels of adjustment;
3. EQ Limiter Setting: Support 0, 1, 2, 1, 2, and 3 levels of adjustment;
4. Binding Method Settings: Support 2.4G, LOCK, IR frequency pairing;
5. Frequency Distance Setting: Support 1~7 levels of adjustment;
6. USB Settings: Preset functions;
7. Version Information: View version information.