

DW0250

WiFi / Bluetooth 5.0 Mini Stereo Amplifier



Description

The DW0250 is a WiFi and Bluetooth 5.0 audio amplifier designed to upgrade your existing stereo system with powerful wireless streaming capabilities. By integrating the DW0250 into your setup, you can easily stream music from smart devices, USB storage, NAS, or popular streaming services such as Spotify, TIDAL, Deezer, Qobuz, and Amazon Music.

Music can be streamed and controlled via the 4STREAM app, Apple AirPlay, Bluetooth, or other DLNA-compatible applications, providing flexible and convenient playback options.

By adding multiple DW0250 units to your home audio system, you can easily build a wireless multiroom or multi-zone whole-house audio system, enabling synchronized or independent music playback across different spaces. This delivers a seamless, modern listening experience and significantly enhances the way you enjoy music throughout your home.

Features

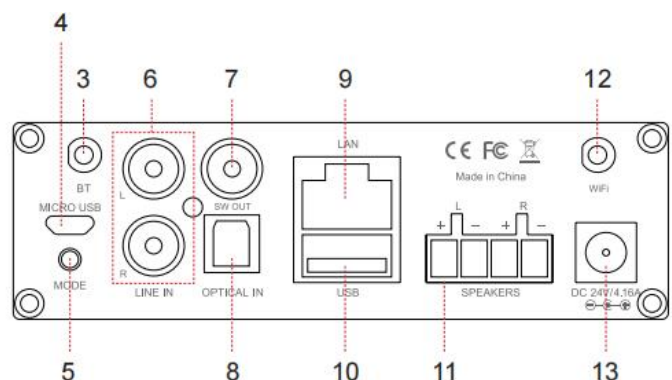
- Wireless music streaming via network with no distance limitation, or Bluetooth 5.0 with a range of up to 15 meters.
- $50W \times 2CH @ 4 \Omega$ / $30W \times 2CH @ 8 \Omega$ full digital amplifier for powerful stereo output.
- Supports high-quality Bluetooth streaming for enhanced audio performance.
- Compatible with multiple streaming protocols including **Spotify Connect, Apple AirPlay, QPlay, DLNA, and UPnP.
- Stream audio from online music services, smart devices, USB drives, NAS, Bluetooth, and Line-in sources.
- Multiroom and multizone audio streaming supported when multiple units are connected within the same network.
- All audio sources can be synchronized and restreamed to other compatible models in the system.
- Fully compatible with AirPlay, Spotify Connect, QPlay, DLNA, UPnP, and third-party applications.

- Supports high-resolution audio decoding up to 24-bit / 192 kHz for detailed sound reproduction.
- Integrated streaming services include Spotify, Deezer, TIDAL, Qobuz, Amazon Music, Napster, Pandora, iHeartRadio, TuneIn, and QQMusic, along with many other online streaming platforms.
- Free iOS and Android app available for easy control and playback.
- Free global OTA updates for new features and performance improvements.
- Includes a full-function remote controller, allowing operation without a smartphone.
- Line-in input for additional external audio sources.
- EQ adjustment available via app or remote controller.
- Supports preset playlists, with shortcut buttons on the remote controller for one-touch playback.
- Supports PC music streaming via iTunes, enabling playback from a computer.

Specifications

Model		DW0250
Connectivity	Wireless Network	IEEE802.11 b/g/n 2.4G
	LAN	10/100M RJ45
	BT	5.0
	USB Host	Play USB Music
	Micro USB	Connect to PC
Frequency Response		20Hz to 20KHz
Power Input		24V / 4.16A
Audio Input		USB 2.0, Analog RCA, Digital SPDIF Optical
Audio Output		Speaker out, Subwoofer out
Speaker Power		24V 4ohm 50W*2 24V 8ohm 30W*2
Speaker Impedance		4-8ohm
Audio Format		MP3/AAC/IAAC+/ALAC/APE/WAV/FLAC
Audio Decoding		Up to 24bit / 192KHz
Dimension		120 x 113 x37mm

Front / Rear Panel



- 1. LED:** To show device status.
- 2. IR Receiver:** For remote controller.
- 3. Bluetooth Antenna:** Used to pair with mobile devices
- 4. Micro USB:** For connection to PC to work as USB DAC,

- 5. Mode button:**
 - Short press once: Switch input mode;
 - Long press: Switch on/off;
 - Short press twice: Re-pair Wif or Bluetooth in Wif or Bluetooth mode;
 - Short press three times: Restore to factory

settings.

*When device is off, just short press the mode button to activate the device.

6. Line Input: Analog input used to connect audio devices via an RCA cable.

7. SW Out: Audio output for active subwoofer.

8. Optical In: Digital input used to connect audio

devices via an optical cable.

9. LAN: Wired connection to router.

10. USB Host: To connect USB disk drive.

11. Speaker Terminals: Phoenix speaker terminal used to connect to passive speakers.

12. WiFi Antenna: Used for WiFi connection.

13. DC: Connect to power adaptor.

Remote Control



Connection Diagram

