

Hiwill Hiwill D51

Hiwill 5.1ch Dolby Sound Bar User Manual

Model: Hiwill D51

1. INTRODUCTION

Thank you for purchasing the Hiwill 5.1ch Dolby Sound Bar. This system is designed to provide an immersive home theater experience with powerful surround sound. It includes a sound bar, a wired subwoofer, and two wired surround speakers, offering versatile connectivity options for your smart TV, gaming console, PC, and other devices.

Key features include Dolby Audio enhancement for clear sound, a 6.5-inch wired subwoofer for deep bass, 12-level adjustable bass and treble, three EQ modes (Music, Movie, News), and multiple input options such as HDMI ARC, Optical, AUX, and Bluetooth 5.3.



Figure 1.1: Overview of the Hiwill 5.1ch Dolby Sound Bar system, including the main sound bar unit, the dedicated wired subwoofer, and two compact wired surround speakers.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using this product. Keep this manual for future reference.

- **Power Source:** Only use the power adapter supplied with the unit. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Water and Moisture:** Do not expose this appliance to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cables:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Cleaning:** Only clean with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. SETUP GUIDE

3.1. Package Contents

Before beginning installation, please check the contents of your package:

- Sound Bar
- Subwoofer
- 2x Surround Speakers
- Remote Control (Batteries Not Included)
- Power Adaptor
- HDMI-ARC Cable
- Digital Optical Cable
- 3.5mm Audio Cable (AUX)
- Wall Mounted Kit
- User Manual (this document)

3.2. Placement

For optimal sound performance, consider the following placement guidelines:

- **Sound Bar:** Place the sound bar centrally below your TV, either on a TV stand or mounted on the wall.
- **Subwoofer:** Position the subwoofer on the floor, preferably in a corner or near a wall, to enhance bass response.
- **Surround Speakers:** Place the two surround speakers behind your listening position, to the left and right, for an immersive 5.1 channel experience. Ensure they are connected to the main sound bar unit.

Experience Immersive 3D Surround Sound With Dolby 5.1 Sound System



Figure 3.1: Recommended speaker placement for an immersive 3D surround sound experience within your room.

3.3. Connections

Follow these steps to connect your sound bar system:

1. **Connect Subwoofer:** Plug one end of the power cable into the subwoofer, then connect the 2-in-1 cable from the subwoofer to the "BASS OUT" port on the sound bar.
2. **Connect Surround Speakers:** Connect the wired surround speakers to the "SR OUT" (Surround Right) and "SL OUT" (Surround Left) ports on the back of the sound bar.
3. **Power Connection:** Connect the power adapter to the "DC IN" port on the sound bar, then plug it into a wall outlet.
4. **Audio Connection to TV/Device:** Choose one of the following methods:
 - **HDMI ARC (Recommended):** Connect one end of the HDMI cable to the "ARC" port on the sound bar and the other end to the "HDMI ARC" port on your TV. This allows your TV remote to control the sound bar's power and volume.
 - **Optical:** Connect the optical cable to the "OPTICAL" port on the sound bar and the optical output port on your TV.

- **AUX:** Connect the 3.5mm audio cable to the "AUX" port on the sound bar and the headphone/audio output jack on your TV or device.
- **USB:** Insert a USB drive into the "USB" port for direct audio playback.



Figure 3.2: Detailed view of the sound bar's rear connection panel, highlighting various input and output ports for seamless integration with your entertainment system.

Fit More Devices



Figure 3.3: Step-by-step guide for connecting the wired subwoofer to the sound bar system.

4. OPERATING INSTRUCTIONS

4.1. Remote Control Functions

The included remote control provides full command over your sound bar system. Insert 2x AAA batteries (not included) into the remote before use.



Set the mode that suits your mood

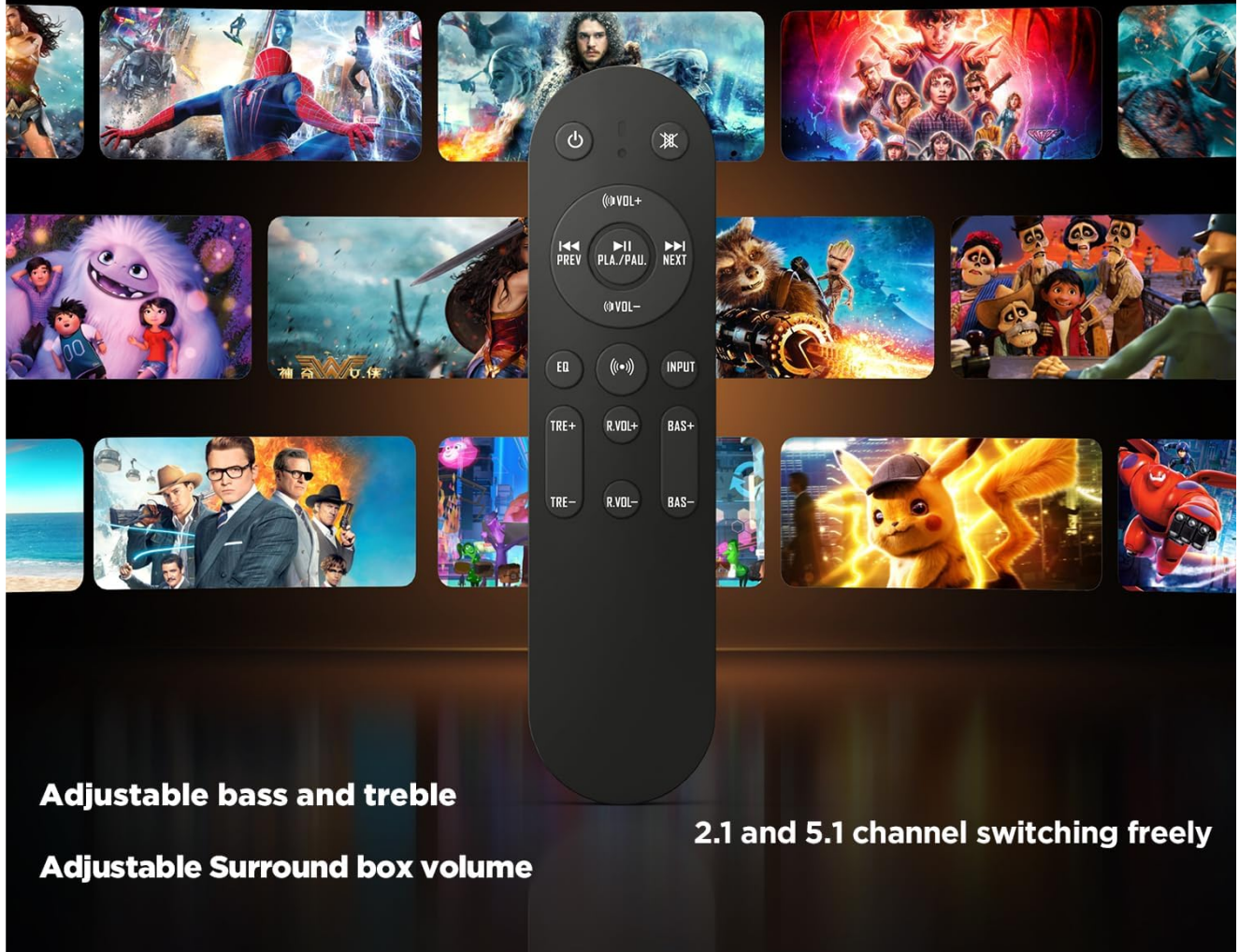


Figure 4.1: The multi-function remote control for the Hiwill sound bar, allowing comprehensive audio adjustments and mode selection.

- **Power Button:** Turns the sound bar on or off.
- **Volume +/-:** Adjusts the master volume level.
- **EQ Button:** Cycles through preset equalizer modes: Music, Movie, News.
- **Input Button:** Selects the audio input source (HDMI ARC, Optical, AUX, USB, Bluetooth).
- **TRE +/-:** Adjusts the treble level (12 levels).
- **BAS +/-:** Adjusts the bass level (12 levels).
- **R.VOL +/- (Surround Volume):** Adjusts the volume of the rear surround speakers (30 levels).
- **2.1/5.1 CH Switch:** Allows switching between 2.1 channel sound (sound bar only) and 5.1 channel surround sound.

4.2. EQ Modes

Optimize your audio experience with three dedicated EQ modes:

- **Music Mode:** Enhances musical clarity and balance, ideal for listening to your favorite songs.

- **Movie Mode:** Provides dynamic and immersive sound, accentuating cinematic effects and dialogue.
- **News Mode:** Optimizes vocal clarity, making dialogue easier to understand.



Figure 4.2: Visual representation of the optimized equalizer settings for News, Movie, and Music content, enhancing specific audio elements for each type.

4.3. Bluetooth Pairing

To connect your mobile device via Bluetooth 5.3:

1. Press the "Input" button on the remote control until "BT" appears on the sound bar's display.
2. Enable Bluetooth on your mobile device and search for "Hiwill D51".
3. Select "Hiwill D51" from the list to pair. Once connected, the sound bar will indicate successful pairing.



Figure 4.3: Demonstrating the seamless Bluetooth 5.3 wireless connection between a smartphone and the Hiwill sound bar for audio streaming.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your sound bar system.

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the sound bar, subwoofer, and surround speakers. Do not use liquid cleaners or aerosol sprays.
- **Dust:** Regularly dust the speaker grilles and vents to prevent accumulation, which can affect sound quality and ventilation.
- **Storage:** If storing the unit for an extended period, disconnect it from the power supply and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cables:** Periodically check all cable connections for secure fit and signs of wear or damage.

6. TROUBLESHOOTING

If you encounter issues with your Hiwill sound bar, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from the sound bar.	Sound bar is off or muted. Incorrect input source selected. Cables are loose or incorrectly connected. TV audio output settings are incorrect.	Ensure the sound bar is powered on and not muted. Increase volume. Press the "Input" button on the remote to select the correct source (e.g., HDMI ARC, Optical, AUX). Check all audio cables (HDMI, Optical, AUX) are securely connected to both the sound bar and your TV/device. On your TV, go to audio settings and select the correct audio output (e.g., External Speakers, PCM for Optical).
No sound from surround speakers or subwoofer.	Surround speakers/subwoofer not connected. Surround volume too low. Sound bar in 2.1 channel mode.	Ensure surround speakers are connected to SR/SL OUT and subwoofer to BASS OUT. Increase the "R.VOL" (Surround Volume) using the remote control. Press the 2.1/5.1 CH button on the remote to switch to 5.1 channel mode.
Distorted or tinny sound, lack of bass.	Incorrect EQ mode. Bass/Treble levels set too low/high. Poor audio source quality.	Cycle through EQ modes (Music, Movie, News) to find the best fit. Adjust "BAS +/-" and "TRE +/-" levels on the remote control. Try a different audio source to determine if the issue is with the sound bar or the source.
Bluetooth connection issues.	Sound bar not in pairing mode. Device too far from sound bar. Interference.	Ensure the sound bar is in Bluetooth mode ("BT" displayed). Move your Bluetooth device closer to the sound bar (within 10 meters). Turn off other Bluetooth devices nearby to reduce interference. Try unpairing and re-pairing the device.
Sound bar resets or volume jumps unexpectedly.	Power fluctuations. HDMI CEC/ARC conflict with TV.	Ensure the sound bar is connected to a stable power source. If using HDMI ARC, check your TV's CEC settings (e.g., Anynet+, Bravia Sync) and try disabling/re-enabling them, or try connecting via Optical/AUX instead.

7. SPECIFICATIONS

Detailed technical specifications for the Hiwill 5.1ch Dolby Sound Bar:

Feature	Detail
Model Name	Hiwill D51 Soundbar with Subwoofer and 2 Surround Speakers
Surround Sound Channel Configuration	5.1
Speaker Maximum Output Power	360 Watts
Subwoofer Diameter	6.5 Inches
Frequency Response	20 KHz
Connectivity Technology	Bluetooth 5.3 / HDMI-ARC / AUX / USB / Optical
Bluetooth Range	10 Meters
Product Dimensions (Sound Bar)	23.2"W x 3.5"D x 2.4"H
Item Weight	16.7 Pounds (total system)
Mounting Type	Wall Mount, Desktop Placement
Control Method	Remote Control

D-Series" **5.1** Home Theater Sound Bar



ARC

BT 5.3

6 Powerful speakers



Figure 7.1: Dimensions of the Hiwill D51 Sound Bar and Subwoofer components.



Design for Smart TVs with Extra HDMI ARC CEC



Figure 7.2: Illustration of the 6.5-inch high-capacity subwoofer's internal components, designed for powerful and clear bass reproduction.

8. WARRANTY AND SUPPORT

Hiwill is committed to providing high-quality products and excellent customer service.

8.1. Warranty Information


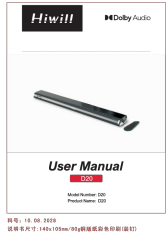

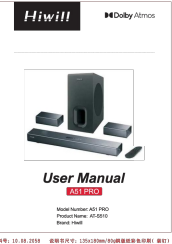
This product comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions. The warranty covers manufacturing defects and ensures your product functions as intended under normal use.



8.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact Hiwill customer service. We offer lifetime friendly customer service to assist you with any issues you may encounter.

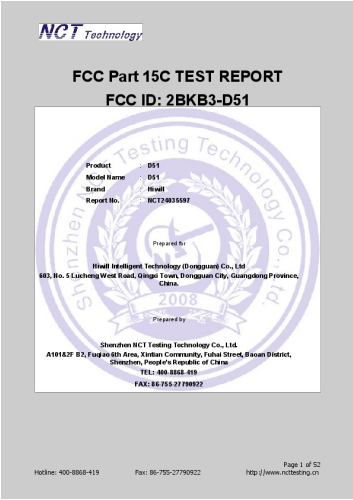
Please visit the official Hiwill website or refer to the contact information provided in your warranty card for support details.

Related Documents - Hiwill D51

 <p>The image shows the cover of the Hiwill HW210 Soundbar User Manual. It features the Hiwill logo at the top left, a red label with 'HW210' at the top right, and a photograph of the soundbar and a subwoofer. Below the photo is the text 'User Manual' and 'Model Number: HW210 Product Name: HW210'.</p>	<p>Hiwill HW210 Soundbar User Manual</p> <p>Detailed user manual for the Hiwill HW210 soundbar, covering setup, features, connectivity options (Bluetooth, HDMI ARC, Optical, AUX), and troubleshooting for home theater audio.</p>
 <p>The image shows the cover of the Hiwill D20 Soundbar User Manual. It features the Hiwill logo at the top left, a 'Dolby Audio' logo at the top right, and a photograph of the soundbar. Below the photo is the text 'User Manual', 'Model Number: D20', and 'Product Name: D20'. At the bottom, it says '版号: 1.0, 01, 2025' and '规格书尺寸: 145x110x50mm (含包装尺寸) (mm)'.</p>	<p>Hiwill D20 Soundbar User Manual: Setup, Connections, and Specifications</p> <p>A comprehensive user manual for the Hiwill D20 soundbar, detailing setup instructions, connection methods (ARC, Optical, AUX, Bluetooth), control panel and remote functions, placement guidance, technical specifications, and FCC compliance information.</p>
 <p>The image shows the cover of the Hiwill HW310 Soundbar User Manual. It features the Hiwill logo at the top left, a red label with 'HW310' at the top right, and a photograph of the soundbar and a subwoofer. Below the photo is the text 'User Manual' and 'Model Number: HW310 Product Name: HW310'.</p>	<p>Hiwill HW310 Soundbar User Manual</p> <p>User manual for the Hiwill HW310 soundbar system, detailing setup, connections, controls, specifications, and safety instructions.</p>
 <p>The image shows the cover of the Hiwill A51 PRO Dolby Atmos Soundbar User Manual. It features the Hiwill logo at the top left, a 'Dolby Atmos' logo at the top right, and a photograph of the soundbar and a subwoofer. Below the photo is the text 'User Manual', 'A51 PRO', 'Model Number: A51 PRO', 'Product Name: A51 PRO', and 'Brand: Hiwill'. At the bottom, it says '版号: 1.0, 01, 2025' and '规格书尺寸: 175x120x50mm (含包装尺寸) (mm)'.</p>	<p>Hiwill A51 PRO Dolby Atmos Soundbar User Manual</p> <p>User manual for the Hiwill A51 PRO soundbar with Dolby Atmos. Includes setup instructions, safety information, connectivity options (eARC, Optical, AUX, Bluetooth), remote control functions, wall mounting guide, and specifications.</p>

 <p>Hiwill A502 Soundbar User Manual cover. It features the Hiwill logo, a picture of the soundbar, and the text 'User Manual' and 'A502'. At the bottom, it says 'Model Number: A502', 'Product Name: A502', and 'Brand: Hiwill'. There is also a small text at the bottom left: '版本号: 1.0, 04, 2019' and '设备型号: 13A116New (Hiwill品牌设备名称: 0001)'.</p>	<p>Hiwill A502 Soundbar User Manual</p> <p>User manual for the Hiwill A502 soundbar, detailing setup, connections, controls, specifications, and safety instructions.</p>
 <p>Hiwill AT-S512W Soundbar User Manual cover. It features the Hiwill logo, a picture of the soundbar system, and the text 'User Manual' and 'AT-S512W'. At the bottom, it says 'Model Number: AT-S512W', 'Product Name: AT-S512W', and 'Brand: Hiwill'. There is also a small text at the bottom left: '版本号: 1.0, 04, 2019' and '设备型号: 13A116New (Hiwill品牌设备名称: 0001)'.</p>	<p>Hiwill AT-S512W Soundbar User Manual</p> <p>User manual for the Hiwill AT-S512W soundbar system, providing setup, connection, operation, and specifications. Includes safety instructions, accessory list, pairing guide, connection methods (ARC, Optical, AUX, BT), control panel and remote functions, placement options, and technical specifications.</p>

Documents - Hiwill – Hiwill D51



[pdf] Test Report

Administrator FCC ID BT Report P1 40 Hiwill Intelligent Technology Dongguan Co Ltd D51 2BKB3 2BKB3D51 d51

FCC Part 15C TEST REPORT FCC ID: 2BKB3-D51 Product Model Name Brand Report No. : D51 : D51 : Hiwil ... : JY-SPA100-MAIN-V3.1 Software Version DSP:DB-D51_SPA100_V05 : BT:LingYang-ATMOS-TWS-M_IIS-V1.29- **Hiwill D51** -Dobly-MUSIC-08140xE61F.MVA Remarkthe Antenna gain is provided by customer from Antenna ...

lang:en score:25 filesize: 4.14 M page_count: 40 document date: 2024-09-23