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Hiwill HiElite A41pro

Hiwill HiElite A41pro 4.1ch Dolby Atmos Soundbar User Manual

Model: HiElite A41pro

1. INTRODUCTION

Thank you for choosing the Hiwill HiElite A41pro 4.1ch Dolby Atmos Soundbar. This system is designed to provide an immersive audio experience for your home entertainment. Featuring 4.1 channels with Dolby Atmos, a powerful 320W output, a dedicated subwoofer, side-firing tweeters, and front surround speakers, it delivers a dynamic and detailed soundstage. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance.



Image: The Hiwill HiElite A41pro 4.1ch Dolby Atmos Soundbar system, including the main soundbar unit, a wired subwoofer, two wired front surround speakers, and a television display.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Soundbar Unit
- Wired Subwoofer
- 2 Wired Front Surround Speakers
- Power Cord
- 3.5mm Audio Cable
- eARC Cable (HDMI)
- Optical Cable
- Remote Control
- 2 AAA Batteries (for remote control)
- Wall Mount Kit
- User Manual (this document)

3. PRODUCT OVERVIEW

3.1 Soundbar Features

- **Side-Firing Tweeters:** Two integrated tweeters expand the soundstage and enhance high-frequency

clarity.

- **HarmonicX Sound (HXS) Processing:** Optimizes vocals and refines audio layers for clear dialogue and rich instrumentals.
- **Aluminum-Magnesium Alloy Diaphragms:** Custom diaphragms and precision copper coils reduce distortion and noise.

2 Side-firing Tweeters

Creating a wider soundstage and enhancing high-frequency clarity



Image: A detailed view of the soundbar's internal components, highlighting a side-firing tweeter designed to broaden the soundstage and improve high-frequency audio.

3.2 External Wired Subwoofer

The 5.25-inch external subwoofer provides deep, room-filling bass. Its design protects the main speakers by handling low frequencies, enhancing the overall audio impact.

5.25" External Wired Subwoofer

Larger bass drivers and freer diaphragm movement widen the soundstage



Image: An exploded diagram of the 5.25-inch external wired subwoofer, illustrating its internal driver and components responsible for deep bass reproduction.

3.3 Front Surround Speakers

Two wired front surround speakers are included to create a more enveloping spatial sound experience.

2 Front Wired Surround Speakers

Let the sound flow freely to envelop you in spatial sound



Image: Two compact wired front surround speakers positioned on a wall, flanking a television, to enhance the spatial audio effect.

4. SETUP

4.1 Connecting Components

- 1. Positioning:** Place the soundbar centrally below your TV. Position the subwoofer on the floor, ideally near the soundbar. Place the two front surround speakers to the left and right of your viewing area, preferably above ear level for optimal cascading audio.
- 2. Connect Subwoofer:** Connect the wired subwoofer to the soundbar using the dedicated subwoofer

cable.

3. **Connect Surround Speakers:** Connect the two wired front surround speakers to the soundbar using their respective cables.
4. **Power Connection:** Connect the power cord to the soundbar and then to a power outlet.

4.2 Connecting to Your TV

The HiElite A41pro offers multiple connectivity options. For the best audio quality and Dolby Atmos support, HDMI eARC is recommended.

Best Connection Methods

Connection Method	Audio Quality	Supports Dolby Atmos	Recommendation Rating
HDMI eARC	Best (uncompressed high-res audio)	Fully supported	★★★★★
HDMI ARC	Good (compressed audio)	Partially supported*	★★★★
Optical	Fair (compressed audio)	Not supported	★★★
Bluetooth	Fair (wireless transmission)	Not supported	★★
AUX	Poor (stereo audio)	Not supported	★

**"Partially supported" means that HDMI ARC can only support Atmos transmitted via Dolby Digital Plus, but not Dolby TrueHD Atmos.

HDMI eARC Connection (Recommended)

1. Locate the HDMI port labeled "eARC" or "ARC" on your TV.
2. Connect one end of the provided eARC cable to the eARC port on your soundbar.
3. Connect the other end of the eARC cable to the eARC/ARC port on your TV.
4. Ensure your TV's audio output settings are configured for HDMI ARC/eARC.

Optical Connection

1. Connect one end of the optical cable to the OPTICAL IN port on your soundbar.
2. Connect the other end of the optical cable to the Optical Out port on your TV.
3. Ensure your TV's audio output settings are configured for Optical/PCM.

AUX Connection

1. Connect one end of the 3.5mm audio cable to the AUX IN port on your soundbar.
2. Connect the other end of the 3.5mm audio cable to the Headphone Out or Audio Out port on your TV or other audio source.

Bluetooth Connection

1. Power on the soundbar and select Bluetooth input mode. The soundbar display will show "BT" and flash, indicating pairing mode.
2. On your mobile device or TV, enable Bluetooth and search for "Hiwill A41pro".
3. Select the soundbar from the list to pair. Once connected, the "BT" indicator will stop flashing.

5. OPERATING INSTRUCTIONS

5.1 Basic Functions

- **Power On/Off:** Press the Power button on the soundbar or remote control.
- **Volume Control:** Use the Volume Up/Down buttons on the soundbar or remote.
- **Input Selection:** Press the Input button on the soundbar or remote to cycle through HDMI eARC, Optical, AUX, and Bluetooth inputs.
- **Mute:** Press the Mute button on the remote control to mute/unmute audio.

5.2 Sound Adjustments

- **Bass Adjustment:** Use the dedicated Bass +/- buttons on the remote control to adjust bass levels from "BAS-6" to "BAS+6".
- **Treble Adjustment:** Use the dedicated Treble +/- buttons on the remote control to adjust treble levels from "TRE-6" to "TRE+6".



Image: Visual representation of bass adjustment, showing how to tailor bass levels for music with a drum set illustration.



Image: Visual representation of treble adjustment, demonstrating how to enhance clarity and detail for instruments like a violin.

5.3 Dolby Atmos and 3D Spatial Audio

The HiElite A41pro supports Dolby Atmos for an immersive three-dimensional auditory experience. Ensure your content source (TV, streaming device, Blu-ray player) is also Dolby Atmos compatible and connected via HDMI eARC for full immersion.

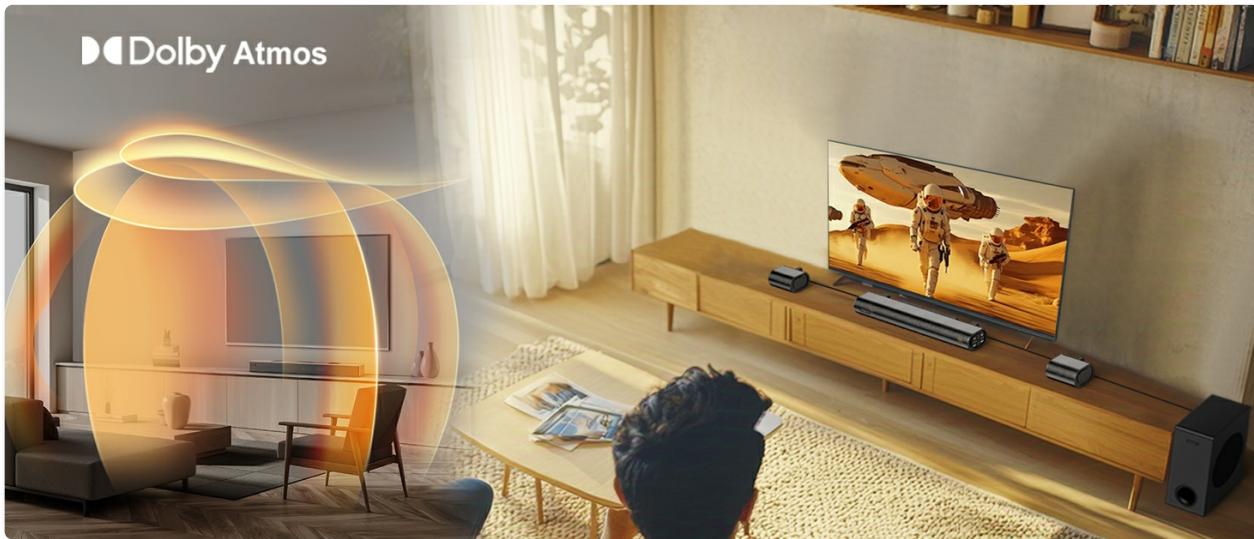


Image: A person enjoying a movie with sound waves emanating from the soundbar and surround speakers, depicting the immersive effect of Dolby Atmos.

6. FIRMWARE UPDATE

Hiwill periodically releases firmware updates to enhance performance and add new features. To access the latest firmware and unlock features such as Custom Memory Function, Enhanced Audio Tuning, Reduced Default Volume, Auto LED Off (30s), and Softer Screen Brightness, please contact Hiwill support. Your unit ships with the latest stable firmware, but updates may provide additional functionalities.



Image: A visual representation of the firmware upgrade process, highlighting benefits such as expanded soundstage, clearer dialogue, smart memory function, and enhanced audio tuning.

7. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the surfaces of the soundbar, subwoofer, and speakers. Do not use liquid cleaners or abrasive materials.
- Placement:** Avoid placing the unit in direct sunlight, near heat sources, or in areas with high humidity. Ensure adequate ventilation around the components.
- Cables:** Periodically check all cable connections to ensure they are secure.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound	Power not connected; Incorrect input selected; TV audio output settings incorrect; Cables loose.	Ensure power is connected and unit is on. Select correct input source. Check TV audio output settings (e.g., PCM for Optical, ARC/eARC for HDMI). Reconnect all audio cables securely.
No Dolby Atmos sound	Not connected via HDMI eARC; Source content not Dolby Atmos; TV/device settings incorrect.	Connect via HDMI eARC. Ensure your TV and content source support Dolby Atmos. Check TV audio settings to pass through Dolby Atmos.
Subwoofer not working	Subwoofer cable loose or disconnected.	Ensure the wired subwoofer cable is securely connected to both the soundbar and the subwoofer.
Remote control not working	Batteries depleted; Obstruction between remote and soundbar; Remote not aimed correctly.	Replace batteries. Remove any obstructions. Aim the remote directly at the soundbar's IR receiver.
Sound distortion at high volume	Source audio quality; Volume too high for room size.	Reduce volume. Ensure source audio is of good quality.

9. SPECIFICATIONS

Feature	Detail
Model Name	HiElite A41pro
Speaker Type	Soundbar with External Subwoofer and Surround Speakers
Surround Sound Channel Configuration	4.1
Audio Output Mode	Dolby Atmos
Speaker Maximum Output Power	320 Watts
Connectivity Technology	HDMI eARC, Bluetooth 5.3, Optical, Auxiliary
Bluetooth Range	33 Feet

Feature	Detail
Subwoofer Connectivity Technology	Wired
Product Dimensions (Soundbar)	4.6"D x 16.9"W x 2.3"H
Item Weight	12.38 pounds (total package)
Control Method	Remote
Mounting Type	Tabletop or Wall Mount
Special Features	Dolby Atmos Enabled, HarmonicX Sound Processing, Aluminum-magnesium Alloy Racetrack Diaphragms, 2 Side-firing Tweeters, 2 Front Speakers, Adjustable Bass & Treble, Embedded Neodymium Iron Boron Magnet

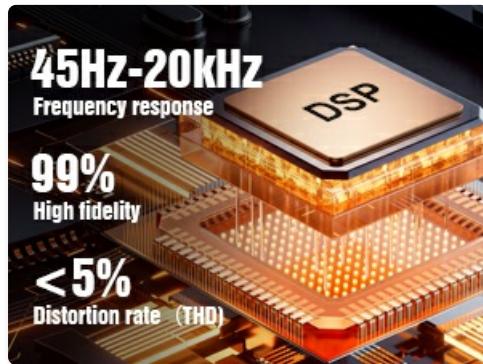


Image: A close-up of a Digital Signal Processor (DSP) chip, highlighting key audio performance metrics such as frequency response (45Hz-20KHz), high fidelity (99%), and low distortion rate (<5% THD).

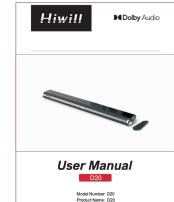
10. WARRANTY AND SUPPORT

10.1 Warranty Information

The Hiwill HiElite A41pro Soundbar comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions. Retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting, or firmware updates, please contact Hiwill customer support. Contact information can typically be found on the Hiwill official website or on the packaging materials.

 <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 HW310 Soundbar User Manual</p> <p>User manual for the Hiwill HW310 soundbar system, detailing setup, connections, controls, specifications, and safety instructions.</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>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>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>	
 <p>Hiwill A502 Soundbar User Manual</p> <p>User manual for the Hiwill A502 soundbar, detailing setup, connections, controls, specifications, and safety instructions.</p>	