

Hiwill A312

Hiwill Nimbus A312 3.1.2CH Dolby Atmos Soundbar User Manual

Model: A312

INTRODUCTION

Thank you for purchasing the Hiwill Nimbus A312 3.1.2CH Dolby Atmos Soundbar. This sound system is designed to enhance your home entertainment experience with immersive audio. This manual provides essential information for setting up, operating, and maintaining your soundbar. Please read it thoroughly before use and retain it for future reference.

SAFETY INFORMATION

- Do not expose the soundbar or subwoofer to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.
- Do not block any ventilation openings.
- Use only the power supply provided with the unit.
- Do not open the casing; refer all servicing to qualified personnel.
- Keep the unit away from strong magnetic fields.
- Avoid placing the soundbar near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

PACKAGE CONTENTS

Carefully unpack your soundbar system and ensure all items are present:

- Soundbar Unit
- Wired Subwoofer (5.25")
- HDMI Cable
- Digital Optical Cable
- 3.5mm to 3.5mm Stereo Audio Cable

- Wall Mounting Kits
- User Manual
- Power Cable
- Remote Control
- Remote Control Battery

PRODUCT OVERVIEW

The Hiwill Nimbus A312 is a 3.1.2 channel sound system featuring Dolby Atmos technology for an immersive audio experience. It includes a soundbar with two lateral tweeters, a central tweeter, and two upward-firing speakers, paired with a wired 5.25-inch subwoofer.



Image: The Hiwill Nimbus A312 soundbar and its wired subwoofer, showcasing the complete system.

Key Features:

- **3.1.2 Channel Immersive Sound:** Features two lateral tweeters, one central tweeter, and two upward-firing speakers for an expanded soundstage and precise overhead effects.

- **Dolby Atmos Technology:** Transforms your home cinema with realistic, three-dimensional audio, including sound from above.
- **Upward-Firing Speakers:** Two dedicated upward-firing speakers create impressive overhead effects for a truly cinematic sound.
- **Premium Tweeters:** Three high-frequency tweeters, including two exclusive lateral tweeters, enhance clarity and expand the horizontal soundstage. Copper rings and aluminum diaphragms ensure precise sound, powerful bass, and clear dialogue.
- **HXS Processing:** Optimizes dialogue clarity and overall sound balance, providing clear voices and deep bass.
- **5.25-inch Wired Subwoofer:** Delivers deep, impactful bass for a dynamic audio experience.



Image: The Dolby Atmos logo with illustrative sound waves, indicating immersive audio technology.

400W Puissance de crête

Poussez le volume à fond, Libérez un son assourdissant



Image: A close-up of the soundbar highlighting its upward-firing speakers, crucial for Dolby Atmos overhead effects.

Basses qui secouent le sol

Donne vie à chaque rythme



Image: An exploded view of the subwoofer, showing its internal components and speaker driver.

SETUP

1. Physical Placement

- **Soundbar:** Place the soundbar centrally below your TV. Ensure there are no obstructions in front of the soundbar, especially for the upward-firing speakers, to allow sound to reflect off the ceiling effectively.
- **Subwoofer:** Position the wired subwoofer on the floor near the soundbar or in a corner of the room for optimal bass response. Ensure the cable connecting the subwoofer to the soundbar is not strained.

2. Connections

Connect the soundbar to your TV or other audio sources using one of the following methods:

- **HDMI ARC/eARC (Recommended):** Connect one end of the HDMI cable to the HDMI ARC/eARC port on your TV and the other end to the HDMI ARC/eARC port on the soundbar. This allows audio to be sent from the TV to the soundbar and enables control of the soundbar volume with your TV remote (if your TV supports HDMI-CEC/Link).
- **Optical:** Connect one end of the optical cable to the Optical OUT port on your TV and the other end to the Optical IN port on the soundbar.

- **3.5mm AUX:** Connect one end of the 3.5mm audio cable to the AUX OUT port on your device and the other end to the AUX IN port on the soundbar.
- **USB:** Insert a USB drive into the USB port on the soundbar to play audio files directly.
- **Subwoofer Connection:** Connect the wired subwoofer to the soundbar using the dedicated cable. Note that the subwoofer cable is integrated with the power supply for the soundbar.

After making all connections, plug the power cable into the soundbar system and then into a wall outlet.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the Power button on the remote control or on the soundbar to turn the unit on or off.

2. Input Selection

Press the 'Input' or 'Source' button on the remote control to cycle through available input sources (HDMI ARC, Optical, AUX, USB, Bluetooth).

3. Volume Control

Use the 'Volume Up' and 'Volume Down' buttons on the remote control or soundbar to adjust the master volume. Separate bass and treble adjustments are available via the remote control.

4. Sound Modes

The soundbar offers several preset sound modes to optimize your listening experience:

- **Movie Mode:** Enhances surround sound effects and bass for a cinematic experience. This mode is ideal for films and content with Dolby Atmos.
- **Music Mode:** Provides a balanced sound profile suitable for music playback, emphasizing clarity across frequencies.
- **News Mode:** Optimizes dialogue clarity, making voices more prominent and easier to understand.
- **3D Mode:** Activates the 3D audio processing for an expanded soundstage, particularly effective with compatible content.

Révélez une clarté parfaite

Voix améliorée pour une précision audio immersive



3 
Tweeters

HXS
Processing

Image: Two individuals enjoying a movie with the Hiwill soundbar system, demonstrating typical usage.

Activer le mode 3D

- Jeu/Film Activé



Image: A person playing a video game, illustrating the soundbar's use in gaming setups and its various sound modes.

5. Bluetooth Pairing

To connect a Bluetooth device:

1. Press the 'Bluetooth' button on the remote control or cycle through inputs until 'BT' appears on the soundbar display.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select 'Hiwill A312' from the list to pair.
4. Once connected, you can play audio from your device through the soundbar.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the soundbar and subwoofer. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure that the ventilation openings on the soundbar and subwoofer are not blocked by dust or debris.
- **Storage:** If storing the unit for an extended period, disconnect it from the power supply and store it in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; power outlet not active.	Ensure power cable is securely connected to the soundbar and a working power outlet.
No sound	Incorrect input selected; volume too low; cables not connected properly.	Select the correct input source. Increase volume. Check all audio cables are securely connected. Ensure TV audio output is set to external speakers.
Distorted sound	Volume too high; poor audio source quality; incorrect audio settings.	Reduce volume. Try a different audio source. Adjust bass/treble settings.
Remote control not working	Battery depleted; obstruction between remote and soundbar.	Replace the remote control battery. Ensure a clear line of sight between the remote and the soundbar's sensor.
Dolby Atmos not working	Source content not Dolby Atmos; TV/player settings incorrect; HDMI ARC/eARC not configured.	Ensure your content is Dolby Atmos compatible. Check your TV and source device audio output settings to ensure Dolby Atmos passthrough is enabled via HDMI ARC/eARC.
No memory function for settings	Firmware issue.	A firmware update may be available to enable memory function for settings. Contact Hiwill support for details.

SPECIFICATIONS

Feature	Detail
Model Number	A312
Brand	Hiwill
Product Dimensions (L x W x H)	59 x 6.1 x 11.8 cm (Soundbar)
Weight	5.57 kilograms (Total)
Speaker Output Power (Max)	400 Watts
Frequency Response	50 Hz
Connectivity Technology	HDMI eARC, HDMI ARC, Optical, Bluetooth, USB
Audio Output Mode	Surround
Mounting Type	Wall Mount
Special Feature	5.25" Wired Subwoofer, 3.1.2ch Surround Sound System
Recommended Use	For Television

Feature	Detail
Control Method	Remote Control
Subwoofer Diameter	13.34 Centimeters (5.25 Inches)
Compatible Devices	Television
Power Source	Corded Electric
Audio Channels	3.1.2
Wireless Technology	Bluetooth
Audio Driver Type	Dynamic

WARRANTY AND SUPPORT

Hiwill products are designed for reliability and performance. For warranty information, please refer to the warranty card included in your package or visit the official Hiwill website. If you encounter any issues or require technical assistance, please contact Hiwill customer support through their official channels. Please have your model number (A312) and purchase details ready when contacting support.