



Manuals.plus /

› Insignia /

› Insignia NS-HAWHP2 RF Wireless Over-Ear Headphones Instruction Manual

Insignia NS-HAWHP2

Insignia NS-HAWHP2 RF Wireless Over-Ear Headphones Instruction Manual

Model: NS-HAWHP2

1. INTRODUCTION

Thank you for purchasing the Insignia NS-HAWHP2 RF Wireless Over-Ear Headphones. These headphones provide a high-quality audio experience, allowing you to enjoy your TV or music wirelessly. This manual will guide you through the setup, operation, and maintenance of your new headphones.

2. PACKAGE CONTENTS

Ensure all items listed below are included in your package:

- Insignia NS-HAWHP2 RF Wireless Over-Ear Headphones
- Transmitter / Charging Base
- Power Adapter for Transmitter
- Audio Cable (RCA or Optical, depending on model/region)
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your headphones and transmitter.

3.1 Headphones



Image: Close-up view of the right earcup of the Insignia NS-HAWHP2 headphones, showing the power button, volume controls, and charging contacts. The earcup features a faux leather cushion for comfort.

The headphones feature soft, over-ear cushions for extended comfort. Controls for power, volume, and media are located on the earcups for easy access. The headband is adjustable to fit various head sizes.

3.2 Transmitter / Charging Base



Image: Front view of the Insignia NS-HAWHP2 headphones docked on their vertical charging base. The base has indicator lights and connection labels (RCA, Optical) on its front panel.

The transmitter unit serves as both the wireless signal sender and the charging base for your headphones. It includes various audio input ports to connect to your TV or other audio sources.



Image: Detailed view of the rear panel of the Insignia NS-HAWHP2 transmitter. It clearly shows the Audio In (L/R RCA), Audio Out (L/R RCA), Digital Optical In, and 5V 500mA power input ports.

The back of the transmitter features ports for Audio In (RCA), Audio Out (RCA), Digital Optical In, and a 5V power input. Ensure the correct input is selected on the transmitter based on your TV's output.

4. SETUP

Follow these steps to set up your Insignia NS-HAWHP2 headphones.

4.1 Powering the Transmitter

1. Connect the provided power adapter to the 5V 500mA port on the back of the transmitter.

2. Plug the power adapter into a wall outlet. The power indicator on the transmitter should light up.

4.2 Connecting to Your TV

Choose the connection method that best suits your TV's audio output options.

Option A: Digital Optical Connection

- Connect one end of the optical audio cable (if included) to the DIGITAL OPTICAL IN port on the back of the transmitter.
- Connect the other end of the optical audio cable to your TV's Digital Optical Audio Out port.
- On the transmitter, ensure the input selection switch is set to OPTICAL.
- You may need to adjust your TV's audio settings to output sound via the optical port and set the audio format to 'PCM' (Pulse Code Modulation) if available.

Option B: RCA Audio Connection

- Connect one end of the RCA audio cable (red and white plugs) to the AUDIO IN (L/R) ports on the back of the transmitter.
- Connect the other end of the RCA audio cable to your TV's Audio Out (L/R) ports.
- On the transmitter, ensure the input selection switch is set to RCA.

5. CHARGING THE HEADPHONES

Before first use, fully charge your headphones. A full charge takes approximately 2 hours and provides up to 10 hours of battery life.

1. Place the headphones onto the charging base, ensuring the charging contacts on the headphones align with the pins on the base.
2. The charging indicator light on the headphones (or base) will illuminate (e.g., red) to indicate charging.
3. Once fully charged, the indicator light will change color (e.g., turn off or green).



Image: Angled view of the Insignia NS-HAWHP2 headphones placed on their charging base. This illustrates how the headphones sit on the base for charging and storage.

6. OPERATION

6.1 Powering On/Off

- To power on the headphones, press and hold the Power button on the earcup until the indicator light illuminates (e.g., blue).
- To power off, press and hold the Power button again until the indicator light turns off.

6.2 Adjusting Volume

- Use the Volume Up (+) and Volume Down (-) buttons on the earcup to adjust the listening volume to your preference.

6.3 Wearing the Headphones

- Adjust the headband to ensure a comfortable and secure fit over your ears. The over-ear design provides sound isolation for an immersive experience.



Image: A lifestyle shot showing the Insignia NS-HAWHP2 headphones placed on their stand next to a television in a modern living room setting, illustrating typical usage.

7. MAINTENANCE

- Clean the headphones and transmitter with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Avoid exposing the headphones to extreme temperatures, humidity, or direct sunlight.
- Store the headphones on their charging base when not in use to ensure they are always ready.

8. TROUBLESHOOTING

If you encounter any issues, refer to the following common solutions:

- **No Sound:** Ensure the transmitter is powered on and correctly connected to your TV's audio output. Verify the input selection on the transmitter matches the connection type. Check the headphone volume and TV volume.
- **Poor Sound Quality/Interference:** Ensure the headphones are within the operating range (up to 33 feet). Move away from other electronic devices that may cause interference.
- **Headphones Not Charging:** Ensure the headphones are properly seated on the charging base and the base is powered. Check the charging indicator light.

- **No Power:** Ensure both the transmitter and headphones are fully charged or connected to power.

9. SPECIFICATIONS

Model	NS-HAWHP2
Brand	Insignia
Connectivity Technology	RF Wireless
Wireless Range	Up to 33 feet (approx. 10 meters)
Battery Life	Up to 10 hours
Charging Time	Approx. 2 hours
Battery Type	1 Lithium Ion (included)
Headphone Type	Over-Ear
Noise Control	Sound Isolation
Control Type	Volume Control, Media Control, Touch
Included Components	Headphones, Transmitter/Charging Base, Power Adapter, Audio Cable, User Manual

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included in your product packaging or visit the official Insignia website. Do not attempt to service this product yourself.