INSIGNIA™

QUICK SETUP GUIDE

Digital Wireless Headphones
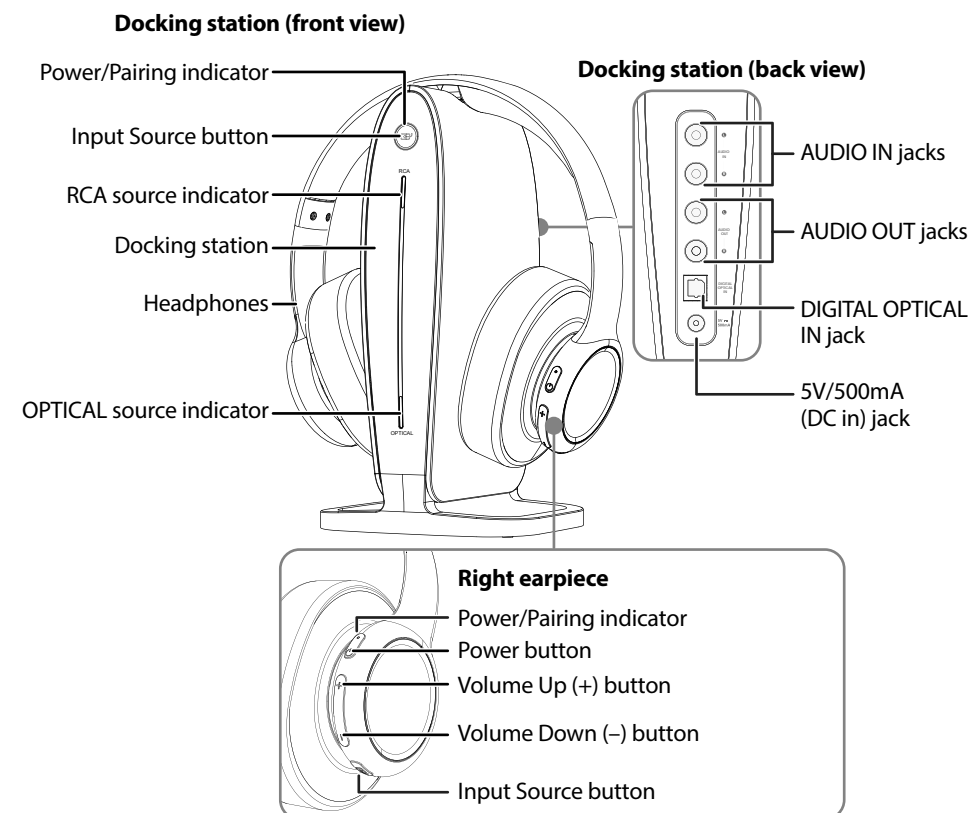
NS-HAWHP2

Before using your new product, please read these instructions to prevent any damage.

PACKAGE CONTENTS
• Headphones and docking station
• AC power adapter
• Optical cable
• RCA audio cable
• 3.5 mm-to-RCA adapter cable
  Note: The RCA audio cable and 3.5 mm-to-RCA adapter cable are connected together in the box.
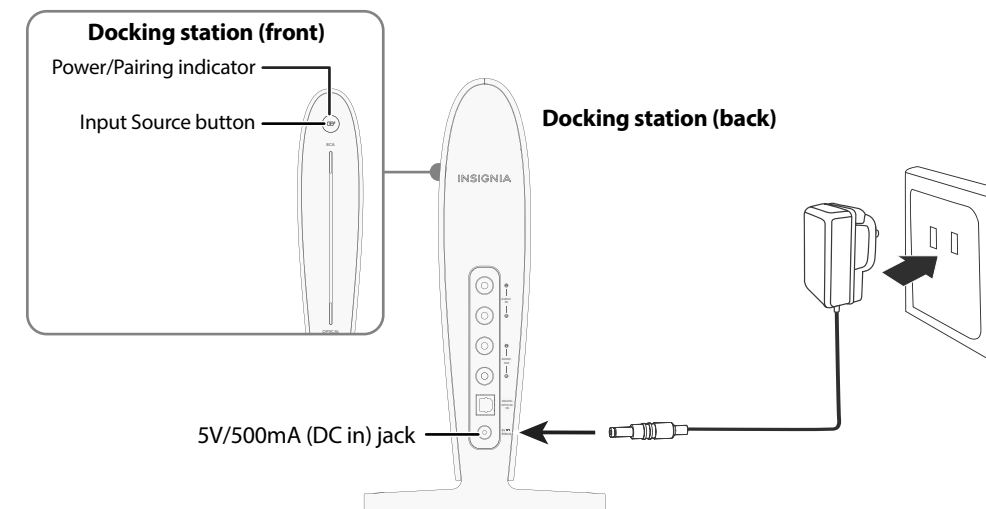• *Quick Setup Guide*

FEATURES
• Strong 2.40 Ghz digital wireless signal reaches up to 33 ft (10 m)
• Built-in lithium-ion battery recharges on a convenient docking station
• Over-the-ear design with adjustable headband provides a secure fit
• Analog and digital audio inputs provide multiple connection options
• Digital optional input gives you the best sound quality
• Lightweight construction for comfortable wea
• Works with all your audio components (TV, CD/DVD player, A/V receiver)

Docking station (front view)
Power/Pairing indicator
Input Source button
RCA source indicator
Docking station
Headphones
OPTICAL source indicator

Docking station (back view)
AUDIO IN jacks
AUDIO OUT jacks
DIGITAL OPTICAL IN jack
5V/500mA (DC in) jack

Right earpiece
Power/Pairing indicator
Power button
Volume Up (+) button
Volume Down (–) button
Input Source button

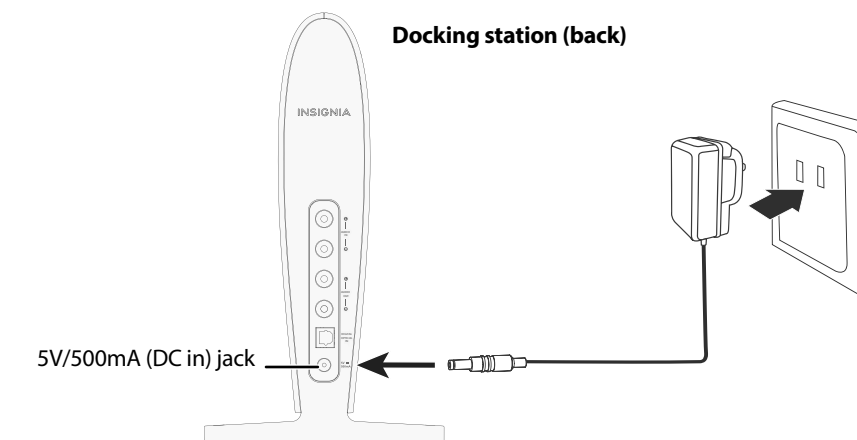## SETTING UP YOUR HEADPHONES
Powering the docking station
1 Connect one end of the AC power adapter to the docking station's **5V/500mA** (DC in) jack and the other end to a power outlet.
2 The Power/Pairing indicator on the docking station begins to blink (blue).
   Notes:
   • To enter standby mode: Press and hold the ⊞ **Input Source** button for more than 10 seconds to put the docking station in standby mode.
   • To enter normal mode: Press the ⊞ **Input Source** button. The docking station's LEDs turn on.
   -OR-
   Place the headphones onto the docking station's charging contacts. The Power/Pairing indicators turn solid red while the headphones are charging.
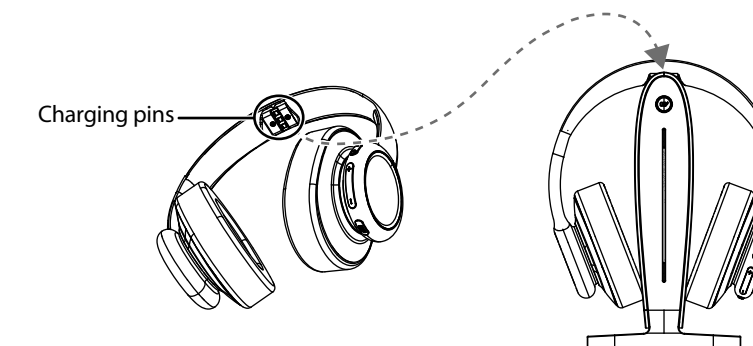
Docking station (front)
Power/Pairing indicator
Input Source button

Docking station (back)

5V/500mA (DC in) jack

Charging the headphones
Important: Before using the wireless headphones for the first time, make sure that the batteries are charged for at least four hours. The docking station Power/Pairing indicator turns solid green when the batteries are fully charged.
1 Connect one end of the AC power adapter to the docking station's **5V/500mA** (DC in) jack and the other end to a power outlet. The Power/Pairing indicator on the docking station blinks (blue).

Docking station (back)
5V/500mA (DC in) jack

2 Place the headphones onto the docking station. Make sure that the headphone charging contacts and the docking station charging pins make contact when you put the headphones in the charging station.

Charging pins

3 The indicators on the docking station and the headphones turn solid red to indicate the headphones are charging.
4 When the headphones are fully charged, the docking station Power/Pairing indicator turns solid green and the Power/Pairing indicator on the headphones turns off.
5 When the headphone battery charge is low, the Power/Pairing indicator on the docking station blinks red three times every minute.
Notes:
• It can take up to two hours to charge the batteries. The batteries can last up to ten hours with continuous use (depending on the headphone volume level and distance from the docking station).
• The headphones cannot be charged when the docking station is unplugged.
• If the charge on the headphone batteries is low, the Power/Pairing indicator on the headphones blinks red. You should charge the headphones.
• The headphones will automatically power off if the battery is not charged after emitting a low-battery warning.

CONNECTING THE HEADPHONES

Locate the **AUDIO OUT** port on your audio source device, such as a TV, stereo system, home theater, smartphone, computer, or tablet. Choose the connection option below that fits your audio source device.

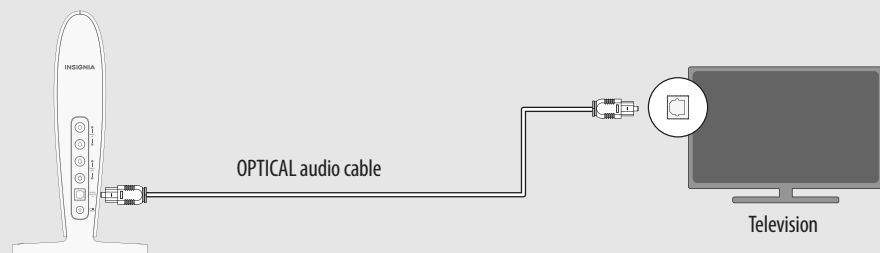| JACK TYPE (on source device)	CABLE	WHEN TO USE
	OPTICAL cable	Use an optical cable from the optical output of your source device to the **DIGITAL OPTICAL IN** jack of the docking station.
	RCA audio cable (included)	Use the included RCA cables to connect from the RCA audio OUTPUT ports of your source device to the **AUDIO IN** jacks of the docking station.
	3.5 mm adapter (included)	Use the included 3.5 mm adapter and RCA cable to connect to a source device with a 3.5 mm connection.
	AC power adapter (included)	Use the AC power adapter to charge the docking station and headphones.

TIPS:
TV speakers may continue to produce sound or may be muted, depending on the settings on your TV. Refer to your TV's user guide for more information.
To get sound from all devices connected to your TV, you will need to connect to an audio out port on the TV. If you connect to another source device, you will only get sound from that device.
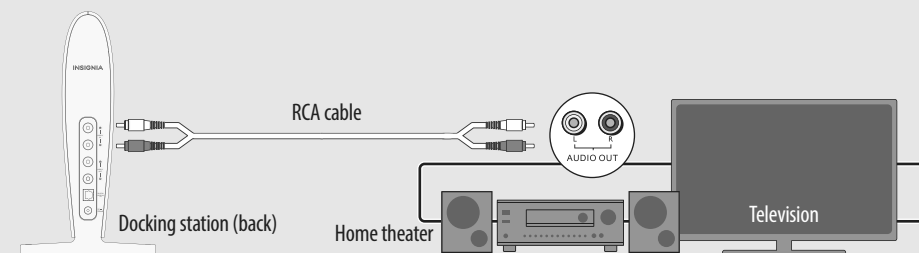
- PICK ONE -

OPTICAL connection
1 Connect one end of an optical cable to the **DIGITAL OPTICAL IN** jack on the docking station.
2 Connect the other end into the **OPTICAL OUT** jack of your TV or any other audio source device with optical audio output.
TIP: To get optical audio output from your TV, you must change your TV's audio format to PCM. Refer to your TV's user guide for more information.

OPTICAL audio cable

Television

RCA connection
1 Connect one end of the RCA cable to the red and white **AUDIO IN** ports on the docking station.
2 Connect the other end into the red and white **AUDIO OUT** ports on your audio source device.

RCA cable

Docking station (back) Home theater system Television

- OR -

3.5 mm connection
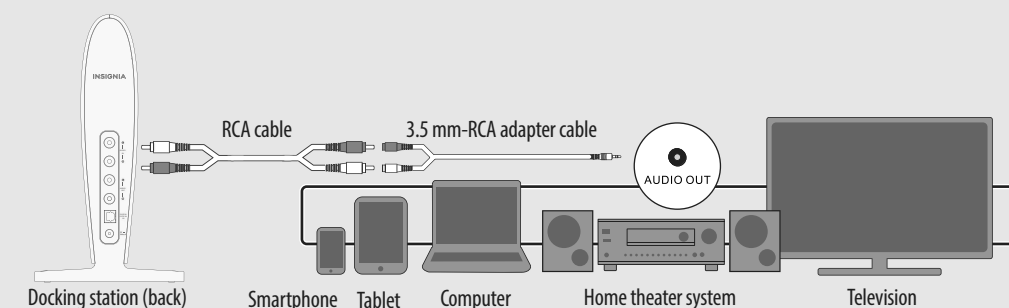1 Connect one end of the RCA cable to the red and white **AUDIO IN** ports on the docking station.
2 Connect the other end into the red and white connectors on the 3.5 mm-RCA adapter cable.
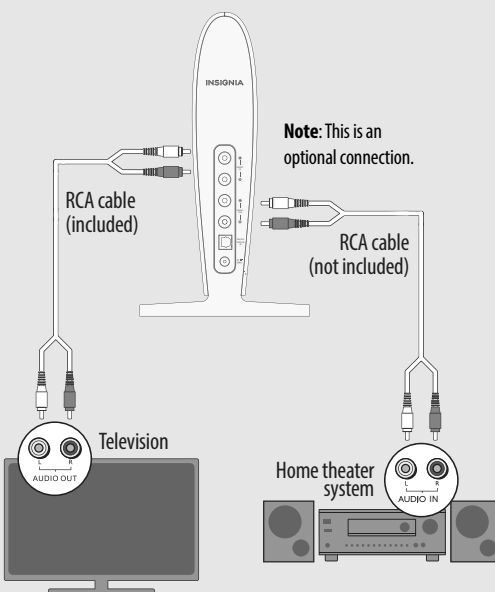3 Connect the 3.5 mm audio cable into the 3.5 mm **headphone** or **AUDIO OUT** jack on your audio source device.

RCA cable 3.5 mm-RCA adapter cable

Docking station (back) Smartphone Tablet Computer Home theater system Television

- OR -

Multiple connections (Optional)
If your audio source device (a TV in the example shown) only has one audio output, but you want to connect it to both the docking station and a stereo system or home theater, do this.
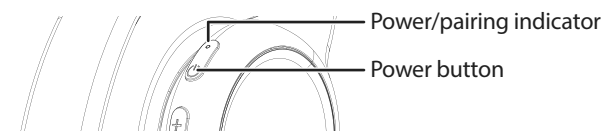1 Connect one end of the RCA cable (included) to the red and white **AUDIO IN** ports on the docking station.
2 Connect the other end to the red and white **AUDIO OUT** ports on your audio source device.
Note: Use the 3.5 mm-to-RCA cable adapter to connect to a headphone jack, if necessary.
3 Connect one end of an RCA cable (not included) to the red and white **AUDIO OUT** ports on the docking station.
4 Connect the other end to the red and white **AUDIO IN** ports on your stereo system or home theater. The audio should now play through your home theater speakers.
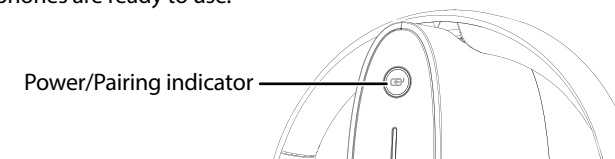
Note: This is an optional connection.

RCA cable (included) RCA cable (not included)

Television Home theater system

USING YOUR HEADPHONES

Turning on and pairing your headphones
1 Connect the AC power adapter to the 5V/500mA (DC in) jack. The Power/Pairing indicator on the docking station blinks (blue).
2 Press and hold (for more than two seconds) the Power button on the right earpiece to turn on the headphones. The Power/Pairing indicator on the headphone lights (blue).
    -OR-
    If the headphones are on the docking station, they will be powered on when you take them off the station.

Power/pairing indicator
Power button

3 When the Power/Pairing indicator on the headphones and the Power/Pairing indicator on the docking station turns solid blue, an active link is established between the headphones and the docking station. Your headphones are ready to use.

Power/Pairing indicator

4 To change the audio input to match the device connected to the docking station:
    • Press the **Input Source** button on the docking station, or
    • Press and hold the **Input Source** button on the headphones for two seconds
   The selected source indicator lights white.

Listening to your headphones
1 Turn on the headphones. Make sure that your docking station and headphones are wirelessly paired.
2 Set the headphone volume level to the minimum.
3 Put your headphones on your head. Adjust the fit until you feel comfortable.
4 Turn on your audio source and begin playback. Depending on the audio source, you may need to turn up the volume on the audio source.
5 Adjust the headphone volume to your normal listening level.
Caution: Continuous use at high volume may permanently damage your hearing.
Notes:
• If the system is connected to a TV, you may want to turn off the TV speakers. Refer to your TV manual.
• If the docking station does not have audio input for more than 15 minutes, the headphones will power off automatically.
• If the headphones are unpaired from the docking station for more than 15 minutes, the headphones will power off automatically.
• If the docking station is unpaired for more than five minutes, the docking station LED will turn off.

Turning off your headphones
Press and hold (more than two seconds) the (power) button on your headphones.
Note: Turn the headphones off when not in use to conserve the battery.

Turning off your docking station
Disconnect the AC power adapter to turn off the docking station.

TROUBLESHOOTING

No power
• Make sure that the headphones' battery is charged.
• Make sure that your headphones are turned on.
No sound or low volume
• Shorten the distance between the docking station and your source device.
• Make sure that your source device is turned on.
• Turn up the volume on your headphones and source device. Make sure that your source device is not muted.

Cannot pair the headphones
• Shorten the distance between the docking station and your headphones.
• Make sure that the docking station is in pairing mode.
• Turn on the docking station, then place the headphones onto the station. They will enter autopairing mode (this may take 2-20 seconds).
Tip: If the power indicators on the headphones and docking station continue to blink after 20 seconds, they are no longer paired to each other. If this happens, follow these steps:
1 Make sure that the headphones and docking station are within range of each other (ideally in the same room).
2 Turn off the headphones and the docking station.
3 Turn on both the headphones and the docking station. The lights will initially blink, then turns solid blue when connected.

SPECIFICATIONS
• **Headphone dimensions (H × W × D):** 7.5 × 3.0 × 6.7 in. (191.2 × 76.8 × 171.2 mm)
• **Docking station dimensions (H × W × D):** 8.5 × 3.8 × 4.7 in. (214.7 × 96.5 × 119.9 mm)
• **Input:** AC 100-240 V~ 50/60 Hz 0.3 A
• **Output:** 5 V, 500 mA
• **Battery Life:** Up to 10 hours
• **Range:** 33 feet (10 m)
• **Charging time:** 2 hours
• **Audio resolution:** 48 Khz @ 16 bits
• **Audio Source Port:** Analog: RCA *1
                              Digital: Optical *1 PCM (does not support DTS and Dolby Audio)

LEGAL NOTICES

FCC and IC Information:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

ONE-YEAR LIMITED WARRANTY

Visit www.insigniaproducts.com for details.

CONTACT INSIGNIA:

For customer service, call 1-877-467-4289 (U.S. and Canada)
www.insigniaproducts.com