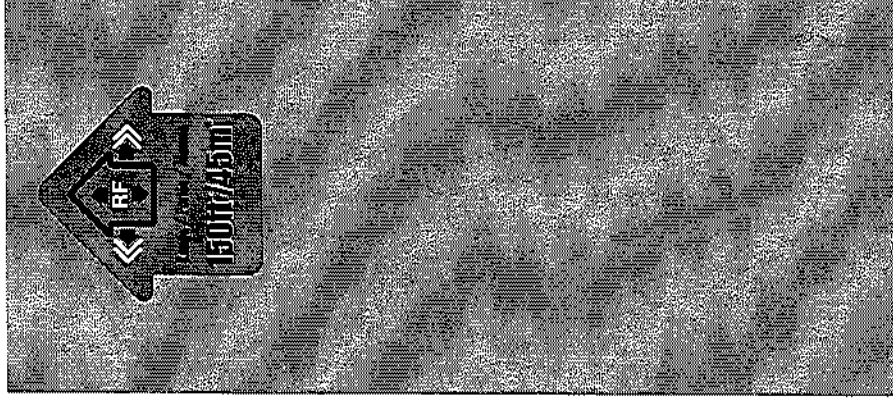


# REAL

## Wireless Headphones With 900 MHz Transmitter

Casque sans fil à  
émetteur de 900 MHz

Audifonos Inalámbricos  
Con Transmisor  
de 900 MHz



Transmits stereo signal  
even outside your home!  
Émet un signal stéréo même à  
l'extérieur de la maison !  
¡Transmite una señal de estéreo  
incluso fuera de su casa!

- \* Range may vary by environment.
- \* La portée peut varier selon l'environnement.
- \* El rango puede variar según el ambiente.

**WHP141**

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## HEADSET SAFETY

Follow these precautions to ensure safe usage of your wireless headphones.

1. These wireless headphones have been designed for residential use and should not be used for industrial purposes. The headphones should be installed and used in accordance with the instructions contained in this manual.
2. Read through these instructions completely before installation. Follow the instructions carefully and carry them out in the correct order. Keep the manual on hand for future reference.
3. The power for this headphone system is delivered with batteries. Before charging, read the instructions in this manual. Disconnect the power supply from the cradle/transmitter before installing or removing batteries.
4. Always leave easy access to the main power supply.
5. Disconnect the unit from the main power supply during storms, or if you will be absent for a long period of time.
6. If you observe smoke or detect a burning odor, immediately disconnect the device from the main power supply.
7. Never open the unit yourself; you may receive a severe electric shock, leading to serious injury or even death. Take the unit to a qualified service center when service is required.
8. Never push objects of any kind into the openings on the cradle/transmitter. They may touch dangerous voltage points and could cause a fire, serious electric shock or even death.
9. Protect the unit from dust, humidity and sources of excessive heat (e.g., fireplace or radiator).
10. The power source should not be in contact with liquids or exposed to the risk of dripping or splashing liquid. Be careful not to place the power source or cradle/transmitter near any object containing liquid (e.g., a vase, glass or bottle).
11. Do not expose the unit to direct sunlight. Its maximum ambient temperature is 35° Celsius (95° Fahrenheit).
12. The ventilation should not be impeded by covering the unit with any items, such as newspapers, tablecloths, curtains, etc.
13. No flame sources, such as lighted candles, should be placed on or close to the cradle/transmitter.
14. This unit has been designed for use in a dry environment. If, for exceptional reasons, you must utilize the unit out of doors (balcony, veranda, etc.), take care to protect it from dampness (dew, rain or splashes of liquid).
15. The maximum ambient humidity that the device supports is 85 percent. If the unit is cold and you wish to use it in a warm room, wait until any condensation on the unit evaporates by itself before you turn it on.

### HEADSET SAFETY (continued)

16. Clean the unit with a soft cloth soaked in a neutral detergent. You may damage the unit if you use an alcohol-based product. If you are unsure if the detergent is alcohol-based, test the cleaning product on the underside of the unit.
17. Unplug this product and take it to a qualified service center under the following conditions:
  - a. If liquid has been spilled into the product.
  - b. If the product has been exposed to rain or water.
  - c. If the product does not operate normally when following the operating instructions.

Thomson Inc. declines all liability for any use that does not comply with the instructions in this User's Manual.

This device complies with Part 15 of the FCC Rules. Operation of this device 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.

### WARNING

Modification of this device to receive cellular radio-telephone service signals is prohibited under FCC rules and federal law.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's warranty.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers. These numbers are located on the product.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Dealer / Address / Phone: \_\_\_\_\_

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## INTRODUCTION

Congratulations on your purchase of this wireless headphone system. The WHP141 utilizes wireless, radio frequency transmission. The headphones and the cradle/transmitter incorporate Double Phase Lock Loop (PLL) Technology, which locks in the frequency on three channels for clear and stable radio transmission reception. This 900 MHz stereo wireless headphone system features a compact design that enables you to enjoy music and TV sound just about anywhere inside or outside your home. It's simple to connect this system to any sound source, such as a DVD, DBS, CD, TV, VCR, stereo receiver or radio.

## FEATURES

- 900 MHz RF technology lets you roam freely throughout your house
- Operating distance up to 150 feet / 45 meters\*
- No line-of-sight limitations
- Convenient power, volume and tuning controls located on headphones
- Automatic Level Control (ALC) and Auto On/Off function

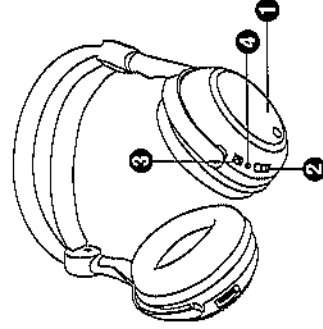
\*Range may vary by environment.

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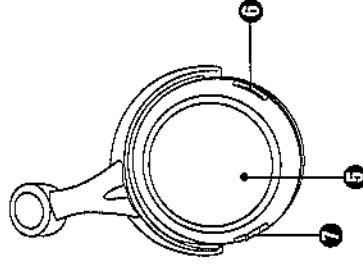
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## HEADPHONE SET DESCRIPTION

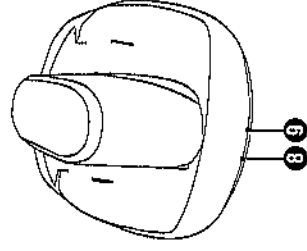
For stand-alone functioning, it is recommended that your wireless headphones be powered by rechargeable batteries. The rechargeable batteries should be installed into the battery compartment and recharged before use. (See Battery Installation and Information, page 7).



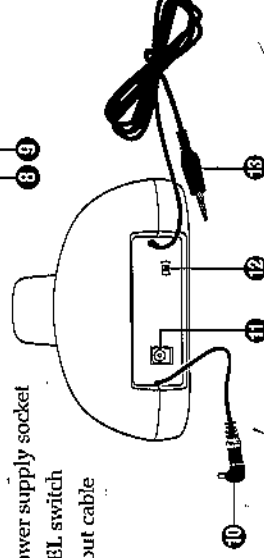
- 1 Rechargeable battery compartment
- 2 ON/OFF switch
- 3 Recharging input
- 4 Power LED indicator light



- 5 Stereo LED indicator light
- 6 VOLUME control
- 7 CHANNEL switch

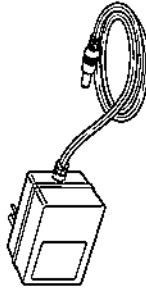


- 8 Charging LED indicator light
- 9 Audio Signal LED indicator light
- 10 Charging cable
- 11 DC IN power supply socket
- 12 CHANNEL switch
- 13 Audio input cable



## SUPPLIED ACCESSORIES

This headphone system includes accessories that enable you to use your wireless headphone set in a number of ways. (See section on Operation and Standard Usage, page 9)



Main power adapter  
(AC/DC: 120 V ~ 60 Hz, 12 V = 150 mA)



3.5mm/25 inch jack adapter

## BATTERY INSTALLATION AND INFORMATION

Your wireless headphone unit requires two rechargeable AAA batteries. Rechargeable batteries are uncharged when you purchase them. Before you can use the wireless headphones, the batteries must be charged for 16 hours. Follow these steps to install and charge the batteries.

### Installing the Rechargeable Batteries

Take care to follow these steps to correctly install the batteries.

1. On the right headphone, locate the battery compartment (1). Use the finger depression on the compartment to turn the battery compartment cover counterclockwise to remove the cover.
2. Insert two AAA rechargeable batteries, carefully following the markings inside to ensure the batteries are inserted properly, with the + and - ends in the correct positions.
3. Replace the battery compartment cover.

### Charging the Rechargeable Batteries

To recharge the headset unit, follow the directions below. Note: The cradle/transmitter on the WHP141 is not a recharging cradle, although you may place the headset in the cradle during recharging.

Follow these steps to recharge the NIMH rechargeable batteries.

1. Make sure the ON/OFF switch (2), located on the right headphone, is in the OFF position.
2. Connect the AC/DC main power adapter to the DC IN power supply socket (11), located on the back of the cradle/transmitter.
3. Plug the adapter into an electrical outlet.
4. Connect the charging cable (10), located on the back of the cradle/transmitter to the recharging input (3), located on the right headphone. The headphones can either be placed in the cradle/transmitter or placed next to the unit. If the headphones are connected correctly, the charging LED indicator light on the cradle/transmitter (8) illuminate.

## BATTERY INSTALLATION AND INFORMATION (continued)

5. Charge the rechargeable batteries for 16 hours before using the headphones for the first time.
6. Battery charges last approximately eight hours before recharging is necessary.

### NIMH Rechargeable Battery Memory Effect

When an NiMH rechargeable battery is first used, it is important to fully charge it and then allow it to discharge three times in order to maximize the battery's storage capacity. Avoid recharging the battery until it is fully discharged. When a battery is recharged before it is completely discharged, it develops a memory that will limit the amount of charge in the future. This reduces the battery's storage capacity for subsequent charges and so reduces the amount of time your headphones can be used before recharging is necessary.

### NIMH Natural Power Discharge

Due to their chemical design, all rechargeable batteries incur some degree of natural discharge. This means they automatically lose their charge in varying degrees, and the battery's capacity drops even when not in use. The size of this power loss varies, depending on the battery's type, size, design, internal resistance and, most especially, the temperature. The higher the temperature, the greater the power loss through natural discharge.

### NIMH Battery Warning

1. To avoid risk of fire, explosion and injury, do not attempt to recharge non-rechargeable batteries.
2. Respect the environment and the law. Before disposing of rechargeable batteries, ask your distributor if they can be recycled and whether or not the distributor collects rechargeable batteries for recycling.

## CONNECTING THE CRADLE/TRANSMITTER

Follow this quick setup guide to ensure trouble-free installation of your headphones. To connect the cradle/transmitter to the audio source, follow these steps.

1. Connect the AC/DC main power adapter to the DC IN power supply socket (11) at the back of the cradle/transmitter. Then, connect the adaptor to an electrical outlet.
2. Insert the audio input cable (13), located on the back of the cradle/transmitter into the headphone jack of your audio source (e.g., stereo, TV, CD player, DVD, etc.).
3. The audio signal LED indicator light (9), located on the front of the cradle/transmitter, illuminates as soon as you have connected the power adapter to the outlet and the audio cable to an active signal source.



## OPERATION

### Standard Usage

1. Switch on the audio source (TV, DVD, CD player, etc.) to which the cradle/transmitter is connected. If your audio source is a DVD or CD player, start a disc.

**Warning:** The cradle/transmitter has an automatic function that switches it off if it does not receive an audio signal for approximately 4 minutes. If the volume on the audio source is too low, the cradle/transmitter also switches off after four minutes. This feature was installed to comply with current legislation that reduces the amount of radio emissions in the environment. To ensure that this function is not accidentally triggered, set the audio source volume at approximately 50 percent capacity. Consult your component user's manual for details on how to set the volume for headphones.

2. The cradle/transmitter is now ready to receive an audio signal. The cradle/transmitter is activated automatically when receiving an audio signal from the audio source.
3. Check to make sure the audio signal LED indicator light (9) on the front of the cradle/transmitter is lit, indicating that the unit is ready.
4. Place the headphone ON/OFF switch (2), located on the right headphone, to the ON position.
5. Check to make sure the stereo LED indicator light (5) on the left headphone is lit, indicating a strong signal.
6. The cradle/transmitter and the headphones feature double phase lock loops (PLL) for radio frequency transmissions. Select one of the three channels on the back of the cradle/transmitter (12) and the corresponding channel on the left headphone (7). Be sure that the same channel (1, 2 or 3) is selected on both the cradle/transmitter and the headphones. The Phase Lock Loop (PLL) function automatically locks the chosen channel, providing top-quality audio reception with no sound loss.
7. Before wearing headphones adjust the volume using the VOLUME control (6), located on the left headphone, to a comfortable volume level.
8. When you are through using the headphones, switch them off using the ON/OFF switch (2), and place the audio source on standby.

### Maximum Performance

When the audio source offers a variable volume output, maximum performance can be achieved. Variable volume outputs include headphone jacks, computer speakers and some TV RCA output jacks.

**Variable Volume Output.** When using an audio source with a variable output jack, you can reduce any distortion and achieve maximum performance by following these steps:

1. Set the volume of the audio source component to mid-level.
2. Adjust the headphone VOLUME control (6) until the desired result is achieved.



## OPERATION (continued)

3. If the headphone volume is not sufficient, adjust the source volume.
  4. If distortion occurs, reduce the volume on the source component.
- Fixed Volume Output.** When using an audio source with a fixed volume output, regulating the volume can be achieved through the headphone VOLUME control (6) only. Examples of fixed volume outputs are RCA jacks (VCR, Tape, Video or CD outputs).

## TROUBLESHOOTING

Refer to this troubleshooting section if you encounter any difficulties in setting up and using your headphones.

| PROBLEM                               | SOLUTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No sound heard through the headphones | <ul style="list-style-type: none"><li>• Check that your audio source, cradle/transmitter and headphones are connected, supplied properly and turned on.</li><li>• Check to ensure that the rechargeable batteries are installed in the headset correctly and have been recharged properly.</li><li>• Check to ensure the cradle/transmitter is running and the audio signal LED indicator light (9) on the unit is lit.</li><li>• Check that the audio source is delivering a sufficient signal to the cradle/transmitter through the audio input cable (13). Use the VOLUME control (6) to increase the sound level.</li><li>• Check that the headphone and transmitter are set to the same channel.</li></ul> |

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poor sound quality or interference | <ul style="list-style-type: none"><li>• Check to ensure that the sound provided by the audio source is loud enough and of sufficient quality. Make sure the stereo LED indicator light (5) is lit.</li><li>• Check if the batteries in the headphones have sufficient power. Recharge or replace them, if necessary.</li><li>• Check to see if you have selected the best transmission channel (1, 2, or 3) to provide the optimum signal reception. If necessary, try another channel on both the headphones (7) and the cradle/transmitter (12).</li><li>• Check if the distance between the headphones and the cradle/transmitter is within the operating range. (The effective range of this device is approximately 150 feet/45meters.* ) Move closer to the cradle/transmitter to receive the sound.</li><li>• Check that the audio source provides stereo sound.</li></ul> |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\* Range may vary by environment.

## TROUBLESHOOTING (continued)

| PROBLEM       | SOLUTION                                                                                                                                                                                                                                                                                                                                                          |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power cut off | <ul style="list-style-type: none"><li>• The cradle/transmitter has an automatic power off function. When no signal is received through the cradle/transmitter's audio input cable, it switches off. Switch on your audio source again, and use the CHANNEL switches (7 &amp; 12) to adjust reception. If necessary, increase the audio source's volume.</li></ul> |

## SPECIFICATIONS

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| Model                            | WHPI41                                                                         |
| Description                      | Radio Frequency<br>Wireless Headphone System                                   |
| Transmitter<br>Carrier Frequency | 900 MHz                                                                        |
| Effective Range                  | Up to 150 feet/45 meters*                                                      |
| Power Supply                     | 12.5 V 150 mA                                                                  |
| Transmission Frequency           | UI:IF ~ 900 MHz/three channels:<br>912 MHz (1), 912.5 MHz (2), and 913 MHz (3) |
| Headset Power Supply             | Two AAA type 1.2V rechargeable batteries                                       |

## LIMITED ONE YEAR WARRANTY

Our company (in the U.S., THOMSON INC. / In Canada, Thomson multimedia Ltd.) warrants that for one year from date of purchase, it will replace this product if found to be defective in materials or workmanship. For a prompt, no charge replacement of equivalent product, return the defective product postage prepaid to the appropriate address.

In the US:

Product Exchange Center  
11721 Alameda Avenue  
Socorro TX 79927

In Canada:

Thomson multimedia Ltd.  
6200 Edwards Boulevard  
Mississauga, Ontario Canada L5T 2V7

This replacement is the company's sole obligation under this warranty. THOMSON INC. / Thomson multimedia Ltd. will not be responsible for any incidental or consequential damages or for any loss arising in connection with the use or inability to use this product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty excludes defects or damage due to misuse, abuse, or neglect. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state/province to province.

\*Range may vary by environment.