210 mm

297 mm

SHARPER IMAGE®
TV Wireless Headphones

Item No. 203787

Introduction

Congratulations on your purchase of the Sharper Image TV Wireless Headphones. Thanks to the latest FM Wireless technology, you will soon be enjoying great audio quality with complete freedom of movement. Please read this guide to install and use the equipment properly, and keep it for future reference.

Important

Before using the TV Wireless Headphones for the first time, please ensure that the batteries are fully charged for about 16 hours. This will guarantee a longer operating lifetime of the batteries.

General Information

Function and Capability

1. **RF/FM wireless transmission**
   The transmitter sends the stereo audio signal from your audio or video source to the headphones without wires. The headphones receive the signals through walls, doors and windows. The headphones use high radio frequency as the signal carrier, ensuring clear and crisp reception. Multiple headphones can be used at the same time with a single transmitter.
2. **Automatic rechargeable system**
   The transmitter automatically recharges the rechargeable batteries in the headphones. Simply place the headphones on the transmitter with the recharging contact on the transmitter and headphones connected. The red LED will light up during recharging. After the batteries are fully fully charged, the red LED light will turn off.
3. **Volume control**
   A volume controller is located on the left headphone. Simply adjust the knob for desired volume level.
4. **Applications**
   The RF/FM Wireless Stereo Headphone System is compatible with TVs, stereo systems, VCRs, DVD players, CD players, MP3 players, iPods, computers and all other audio and video equipment.

Contents

1 x Transmitter
1 x Headphone Receiver
1 x 3.5mm Stereo Plug to 2 x RCA Audio Cable
1 x 3.5mm Stereo Plug Audio Cable
1 x AC 220V, DC5V, 300 ma. Adapter
1 x Charging Cable

Controls

Transmitter (Figure 1)

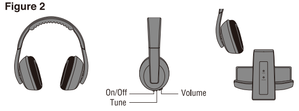
1. **Level indicator**
   The blue LED lights up when audio signals are detected.
2. **Recharging indicator**
   The red LED will light up during recharging. When the recharging is completed, the red LED will turn off.
3. **Recharging contact**
   When not in use, the headphones should be stored on the transmitter and aligned to this contact for recharging.
4. **Tuning selector**
   This is for selecting one of the three pre-set channels for best reception.
5. **DC Socket**
   The **DC5V.** 300 ma. external adapter provided should be connected to this socket to obtain power.
6. **Connection Method 1: RCA audio output jacks**
   TV Wireless Headphones can be connected to an audio source from RCA audio outputs. Simply use the included RCA to 3.5mm cable.
7. **Connection Method 2: Headphone output jack**
   TV Wireless Headphones can also be connected to an audio source from its headphone output jack. Use the included RCA to 3.5mm cable OR the 3.5mm to 3.5 mm cable.

Figure 1

Headphones (Figure 2)

1. **Power switch and indicator**
   The red LED lights up when it is powered on and in use.
2. **Tuning selector and indicator**
   When there is hissing sound through the headphones, push the selector to obtain the proper channel. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will stop flashing and remain on.
3. **Volume control**
   The volume controller is situated on the back of right side headphone for adjusting the volume level conveniently.
4. **Recharging contact**
   The contact should be aligned to the recharging contact in the transmitter during recharging.
   Please be sure headphones are correctly placed on the recharging base and the red light is on.

Figure 2



New & Improved Charging Feature

Note: This new and improved model features a redesigned charging base with an additional charging cable. Should you ever experience any difficulties charging the headphones through the primary method (resting them on the base), you may instead charge your headphones by plugging this thin black wire into the small round port on the back of the left earcup. Either way, your headphones will be charged and ready for daily use.

Installation and Operation

Installation

1. **Transmitter power supply (Figure 3)**
   i. An external C 5V, 300ma. Adapter is supplied. Connect the DC connector of the adaptor to the power input connector.
   ii. Make sure the adaptor's rated voltage corresponds to the main socket voltage.
   iii. Connect the adapter to the main socket.
2. **Headphones power supply (Figure 4)**
   i. **Use only rechargeable LR03/AA/NiMH batteries. Do not use NiCd batteries or alkaline batteries as these may damage your device.**
   ii. The power button should be in the off position.
   iii. Place the headphones on the transmitter with the recharging contact on the transmitter and headphones connected. The red LED light will light up during recharging. After the batteries are fully charged, the red LED light will turn off.
3. **Batteries (Figure 5)**
   Completely dead batteries need at least 16 hours to recharge. While recharging the batteries, the transmitter will not transmit any audio signals.

   Always remove the batteries if the device will not be used for a long period of time.
   See **Figure 6** for removal/replacement of the batteries.

   Note: Batteries contain chemical substances. They should be disposed of appropriately.

Figure 3

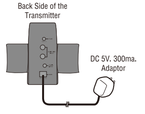


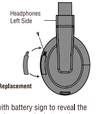
Figure 4

Figure 5

During recharging the batteries, the transmitter will not transmit any audio signal.

Note: Use only rechargeable LR03/AAA/NiMH batteries. Do not use NiCd batteries or alkaline batteries, as these may damage the Headphone system.

Figure 6



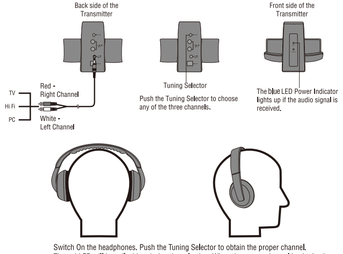
1. Remove the deco with battery sign to reveal the screw. Unscrew and remove the battery door.
2. Remove the spent batteries and discard appropriately.
3. Replace with new batteries following the sign on the battery door.
4. Replace the battery door and screw to lock it. Then replace the deco.

Operation

1. Audio connection Option 1: RCA output to 3.5 mm input (Figure 7)

i. **Use only one of the audio inputs, either the 3.5mm stereo headphone audio input or the line audio input. Using both audio inputs at the same time may damage your TV Wireless Headphones.**
ii. Connect the 3.5mm stereo plug of the line audio cable to the transmitter's 3.5mm headphone input.
iii. Connect the 2 RCA plugs of the line audio cable to the audio out jacks of your source (TV, stereo, etc.). Make sure that the red RCA plug (right channel) is connected to the right channel (red) of the audio source and the white RCA plug (left channel) is connected to the left channel (white) of the audio source.
iv. Switch on your audio source. Push the tuning selector to choose any of the three channels. The blue LED indicator of the transmitter lights up if the audio signal is received. In case the line output of the audio source has an adjustable output level, adjust the line output level of the audio source to the highest acceptable undistorted level. The blue LED will stop lighting up after the audio source has been disconnected for 1 minute.
v. Switch on the headphone. You may hear a hissing sound through the headphones if the device is not yet properly tuned to the Transmitter. Push the selector to obtain the proper channel. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will stay on.
vi. The volume controller is situated on the back of right side headphone to allow you to set your preferred headphone volume level.

Figure 7 Audio Connection - Line Audio Input Option 1

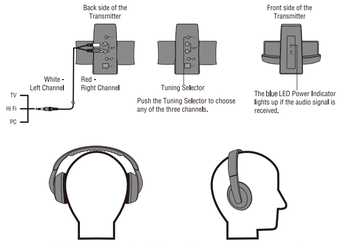


Switch On the headphones. Push the Tuning Selector to obtain the proper channel. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will stop flashing.

2. Audio connection Option 2: 3.5mm output to RCA input (Figure 8)

i. **Use only one of the audio inputs, either the 3.5mm stereo headphone audio input or the line audio input. Using both audio inputs at the same time may damage your TV Wireless Headphones.**
ii. Connect the 2 RCA plugs of the line audio cable to the transmitter's audio inputs. Make sure that the red RCA plug (right channel) is connected to the right Channel (red) of the transmitter and the white RCA plug (left Channel) is connected to the left channel (white) of the transmitter.
iii. Connect the 3.5mm stereo plug of the line audio cable to the headphone output of your audio source.
iv. Switch on your audio source. Push the tuning selector to choose any of the three channels. The blue LED power indicator of the transmitter lights up if the audio signal is received. In case the line output of the audio source has an adjustable output level, adjust the line output level of the audio source to the highest acceptable undistorted level. The blue LED will stop lighting up after the audio source has been disconnected for 1 minute.
v. Switch on the headphone. You may hear a hissing sound through the headphones if the device is not yet properly tuned to the Transmitter. Push the selector to obtain the proper channel. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will stay on.
vi. The volume controller is situated on the back of right side headphone to allow you to set your preferred headphone volume level.

Figure 8 Audio Connection - Line Audio Input Option 2

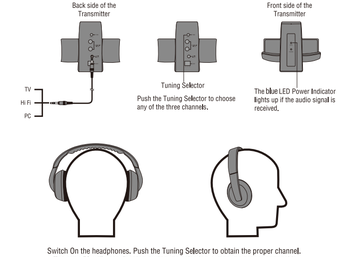


Switch On the headphones. Push the Tuning Selector to obtain the proper channel. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will stop flashing.

3. Audio connection Option 3: 3.5mm output to 3.5mm input (Figure 9)

i. **Use only one of the audio inputs, either the 3.5mm stereo headphone audio input or the line audio input. Using both audio inputs at the same time may damage your TV Wireless Headphones.**
ii. Connect the 3.5mm stereo plug of the audio cable to the transmitter's audio input.
iii. Connect the 3.5mm stereo plug of the audio cable to the headphone's output of your audio source.
iv. Switch on your audio source. Push the tuning selector to choose any of the three channels. The blue LED power indicator of the transmitter lights up if the audio signal is received. In case the line output of the audio source has an adjustable output level, adjust the line output level of the audio source to the highest acceptable undistorted level. The blue LED will stop lighting up after the audio source has been disconnected for 1 minute.
v. Switch on the headphone. You may hear a hissing sound through the headphones if the device is not yet properly tuned to the Transmitter. Push the selector to obtain the proper channel. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will stay on.
vi. The volume controller is situated on the back of right side headphone to allow you to set your preferred headphone volume level.

Figure 9 Audio Connection - Audio Cable Input



Switch On the headphones. Push the Tuning Selector to obtain the proper channel. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will stop flashing.

Troubleshooting

Question: When there is no sound

Remedy : i. The batteries in the headphones are running low. Simply place the Headphones on the transmitter to recharge the batteries.
ii. You should check if the audio source is switched on.
iii. You should check if the volume is too low. Adjust the volume to obtain the right level of sound.
iv. Push the tuning selector on headphones until the clear sound is obtained. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will remain lit.

NOTE: *On some newer TV sets, it may be necessary to turn on or increase the volume of the headphone jack the audio out jack. Consult the instruction manual of your TV to adjust these settings.*
• If you are connected to the TV via the ***headphone jack,*** *make sure the headphone jack is turned on and that the output level is turned up. (Normally, you can check this by pressing the Menu button on your TV remote control and entering the Set-Up menu. Consult your TV owner's manual for details.)*
• If you are connected to the TV via the ***audio out jacks,*** *make sure the audio out jacks are turned on and that the output level is turned up. (Normally, you can check this by pressing the Menu button on your TV remote control and entering the Set-Up menu. Consult your TV owner's manual for details.)*
• If you are still not getting any sound, try the alternate cable connection method using the other included audio cable.

Question: When there is distorted sound

Remedy : i. Push the tuning selector on headphone until clear sound is obtained. The red LED will keep flashing during the selection. When the proper channel is obtained, the red LED will remain lit.
ii. Push the tuning selector on transmitter to select any of the three channels. Push the selector on headphone again until the clear sound is obtained.
iii. The batteries in the headphones are running low. Simply place the Headphones on the transmitter to recharge the batteries.
iv. Check if the volume on the audio source or headphones is too high.
v. Adjust the volume to obtain the right level and clear sound. The distance from the transmitter is too large. Move closer to the transmitter.
vi. Fluorescent lamps and other audio sources may cause interference. Move the transmitter or headphones elsewhere.

Specifications

Transmitter

Carrier frequency	914.915 MHz
Power supply	DC 5V 300 ma.
Dimensions	148 x 107 x 102mm

Headphones

Drivers	Full range 40mm dia.
Frequency response	20-20,000 Hz
Impedance	32 Ohms
Sensitivity	105dB @ 1KHz
Signal-to-noise ratio	> 60dB
Distortion	<1%
Channel separation	>30dB
Power supply	3V (2 x LR03, AAA, NiMH)
Dimensions	185 x 165 x 75mm

Safety Instructions

• Do not expose device to water or splashing
• Unplug the device when not in use for long periods of time
• Do not expose batteries to excessive heat, fire or direct sunlight
• Maintain a minimum distance of 50cm around the device for ventilation
• Do not cover device with newspapers, table cloths, curtains, etc.
• Do not expose device to flames
• Please dispose of this unit and batteries properly
Note: Excessive volume can cause hearing loss

The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

• This device may not cause harmful interference, and
• This device must accept any interference received, including interference that may cause undesired operation.

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 correcting the interference by one or more of the following measures:

- Reorient the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or medications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

CUSTOMER SERVICE

If you require any additional assistance with your **TV Wireless Headphones,** please call 1 (877) 210-3449.