

RCA

Wireless

Headphones

with Infrared Transmitter

Infra

RED

In the same room, invisibly connect with virtually any TV, VCR or Stereo System.

Line-of-sight
transmission
for freedom
from cables

WHR100



INTRODUCTION

Thank you for purchasing RCA Wireless Headphones. This wireless stereo infrared headphone system allows you to listen to TV, VCR, Audio Components, or other audio sources at your desired volume level without disturbing others in the room and without being tied to the audio source by a wire.

The system consists of two components:

- Infrared Transmitter
- Headphone Receiver

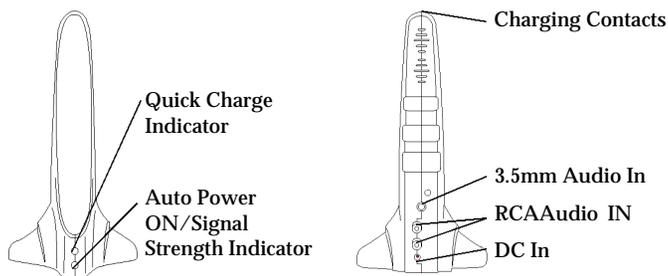
The Transmitter connects to your audio source (TV, VCR, etc.) and transmits the audio signal by infrared light to the Headphone Receiver. The transmitter features - Auto Power On Indicator, and Quick Charge Indicator on the front. The Transmitter also serves as a recharging base for the Headphones.

The Headphone Receiver captures infrared light and changes it back into a sound signal. The headphones feature - built-in Infrared detectors, on-off switch and volume control switch.

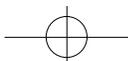
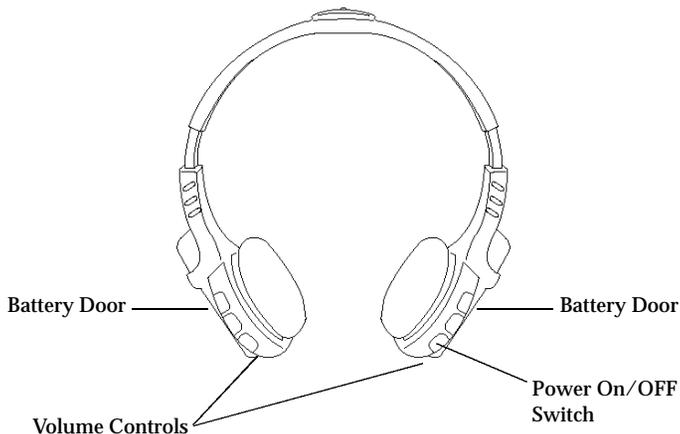
In addition to the usage at home with TV, VCR, Audio Component and Radio, this headphone system is also perfect for the usage in class room, hospitals, meetings, churches, as a hearing aid, and for the purpose of language translation.

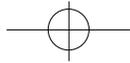
SYSTEM COMPONENTS

INFRARED TRANSMITTER



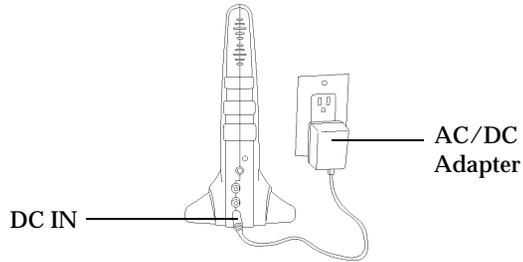
HEADPHONE RECEIVER





INSTALLATION

- 1) Connect the DC Power Adapter to the DC IN Connector on the back of the Transmitter.
- 2) Plug the AC/DC Adapter into a standard wall outlet.



- 3) Connect the Transmitter to the Audio Source component using either the audio jack or the mini plug hook-up.

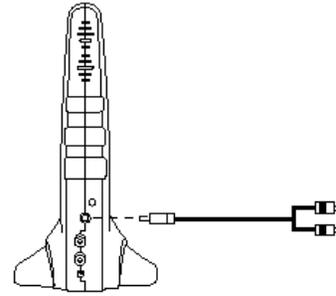
The Transmitter has AUDIO IN connectors for either Stereo RCA type plugs or Mini Plug Connectors (Commonly used as Headphone connectors).

The "Y" Adapter, mini plug to RCA type plug, which was included is a universal type that can be used to connect most audio sources to the transmitter. However, a standard audio cable with RCA type plugs on both ends and a mini-plug can both be used with either of the input connections provided, if desired.

See illustrations on right.

INSTALLATION

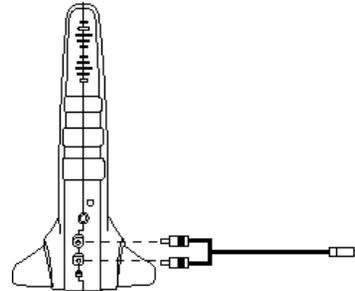
RCA JACK TYPE HOOK-UP



To:
Audio Out (L & R)

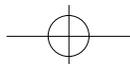
Typical Connection For:
Receiver
CD Player
VCR
TV

MINI PLUG HOOK-UP



To:
Audio Out or
Headphone
Connection

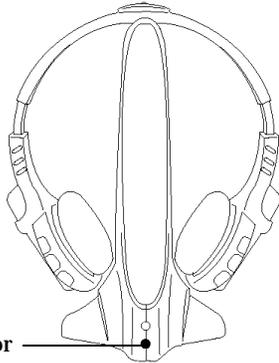
Typical Connection For:
Portable CD Player
Audio Rack System



OPERATION OF TRANSMITTER

The Green Auto ON/OFF indicator will be on when you plug the adapter in the AC source and connect the audio plug to the audio source. If the Auto On indicator is not lit (but the audio source is ON) adjust the audio source output level which is greater than the auto on indicator light in input level.

For protection of the transmitter and to save power, the transmitter will be cut off automatically in the about one minute when the input signal from audio source is too weak for operation.



CAUTION: Under normal working condition, the surface of the transmitter will be slightly hot.

NOTE: High levels from source may overload the transmitter.

BATTERY INSTALLATION

- 1) Remove battery door by pushing in on the arrow at the bottom of cover.
- 2) Insert one AAABattery for each headphone earcup.
- 3) Replace the battery door cover by sliding in the opposite direction of the arrow until it "snaps".



When using the AAANi-Cd Rechargeable battery in your headphones, you must charge for 24 Hours prior to first use.

OPERATION OF HEADPHONE RECEIVERS

- 1) Set the Headphone Receiver's VOL control to the minimum position.
- 2) Turn the Receiver's ON/OFF switch to ON.
- 3) Increase the Receiver's VOL control setting slowly until you hear the sound source which is connected to the transmitter. Then, adjust the Receiver's VOLcontrol for the desired listening level.
- 4) Adjust the size of the headphone by pulling down each end (or pushing up to shorten).



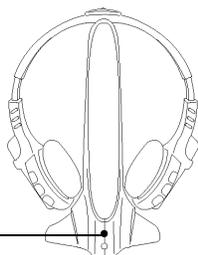
CHARGING THE HEADPHONES

Turn off the power ON/OFF switch on the Headphone Receiver, then rest it on the Transmitter. If the position is correct, the Quick Charge Indicator will turn ON (the red light will be lit). After the quick charge is completed, the quick charge indicator will OFF, however the trickle charge will be continuing.

When the Headphone Receiver is not in use, be sure to switch it to the OFF position to avoid damaging the battery.

CAUTION: Do not use other kind of Rechargeable battery to replace the Ni-Cd quick charge (AAA) battery.

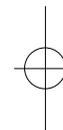
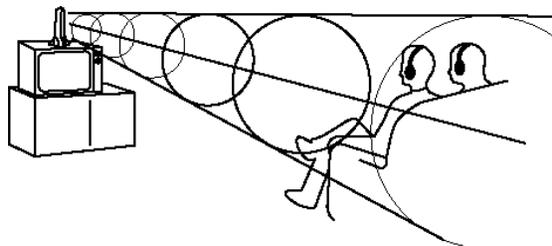
You may use Alkaline AAABatteries however, these can not be recharged. When using Alkaline batteries do not place Headphones on Charging Base.



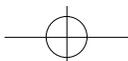
Charging Indicator

PLACEMENT

For optimal performance, place the transmitter on an upper position.

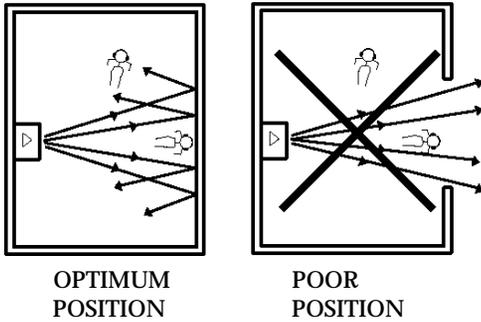


NOTE: Before first use of the headphone, the battery should be charged 24 hours for optimal use.

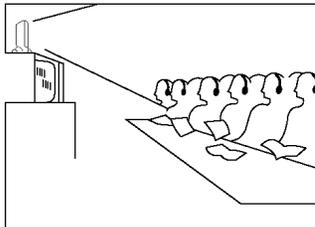


PLACEMENT

Avoid placing the transmitter facing the window as the infrared ray will escape through the window.



Numbers of receivers can be used with one transmitter as long as the infrared ray can reach the sensor of the receivers.



TROUBLE SHOOTING

ON/OFF Indicator not Lit	<ul style="list-style-type: none"> AC Adapter is not inserted into power outlet AC plug is not inserted in the transmitter The audio cord is not plugged in the audio source. No audio output from the audio source output.
No sound of receiver	<ul style="list-style-type: none"> Transmitter is not ON Receiver has no battery in it Wrong direction of battery inserted in receiver.
Sound too low on receiver	<ul style="list-style-type: none"> Input audio signal of transmitter is low. Receiver volume control is low. Battery needs recharging.
Poor sound quality	<ul style="list-style-type: none"> Receiver volume control is high. Battery needs recharging. Distance is out of receiver range. Input level of transmitters is too high (decrease the audio source volume.)
Interrupting Noise	<ul style="list-style-type: none"> Distance is out of receiver range. Direction is inappropriate (Relocate the transmitter and receiver to obtain the best desired effect)

SPECIFICATIONS

Transmission Mode:	Infrared (800-900nm)
Sub Carrier Frequency	L - 2.3 MHz, R - 2.8 MHz
Operating Voltage	Transmitter, 12V DC (AC/DC Adapter) Receiver, 2 x 1.2V (AAA) Ni-Cd Quick Charge Battery
Frequency Response	40 - 12 KHz
Signal Noise Ratio	49 dB
Distortion	3%
Channel Separation	38 dB
Operation Distance	7m

NOTE: All specifications are subject to change without notice.

ONE YEAR LIMITED WARRANTY

Thomson Consumer Electronics, Inc. warrants that for one year from the date of purchase this product is free from defects in material and workmanship. If the item is defective within that period, return it at your expense to the dealer from whom it was purchased together with proof of purchase for replacement. The exchange unit is under warranty for the remainder of the original product's warranty period. This warranty excludes defects or damage due to misuse, abuse, neglect or acts of God, including but not limited to lightning damage. The foregoing represents Thomson's sole obligation under this warranty.

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