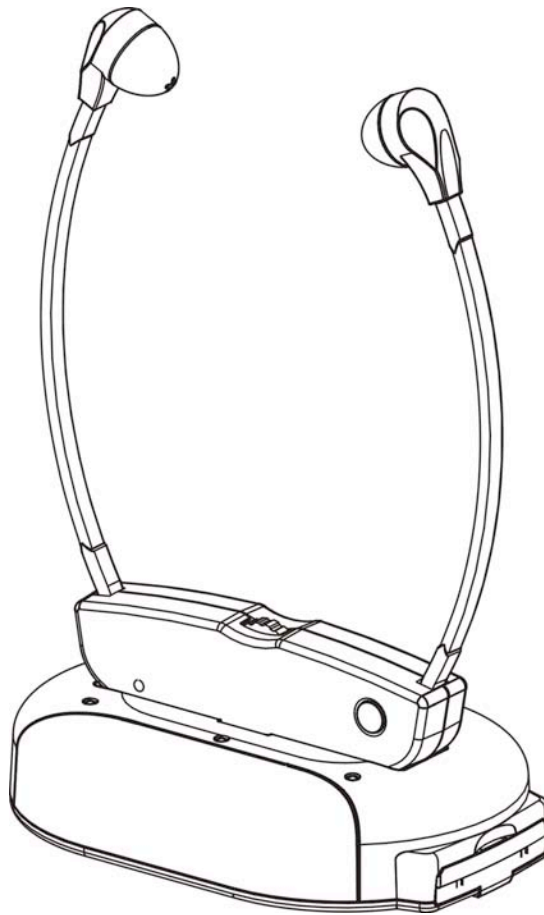


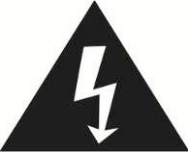



# Instruction Manual



Model: ITGSH-300  
Wireless HI-Frequency Headphones

# Precautions

|   |  |  |
|---|--|--|
|    | <p style="text-align: center;"><b>CAUTION</b></p> <p style="text-align: center;"><b>RISK OF ELECTRIC SHOCK</b></p> <p style="text-align: center;"><b>DO NOT OPEN</b></p> |   |
| <p>This symbol is intended to alert user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.</p> | <p>RISKS OF ELECTRIC SHOCK<br/>DO NOT OPEN THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>                    | <p>This symbol is intended to alert user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p> |

**Danger:** This is not a toy. Keep the unit & accessories out of reach from children or pets. There may be a risk of swallow.

**Warning:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**Caution:** Keep the unit away from any interference appliance, such as metals and magnets.

**Locations:** To reduce the risk of electric shock, fire or injury:

1. Do not use the unit in places that are extremely hot, cold, dusty or humid.
2. Do not place the unit under the direct sunlight nor near any heat sources such as open flame sources and items that produce heat.
3. Do not place any objects that are filled with liquids, such as vases on top of the unit.
4. Keep the unit away from places where the item may be exposed to dripping or splashing.
5. Place the unit on a flat and stable place.

## Important Safety Instructions

1. Read through the manual before operating.
2. Heed the instructions.
3. Follow all instructions in the manual.
4. Keep the manual for future reference.
5. Do not block any ventilation openings. Do not impede the ventilation openings with newspapers, tablecloths or curtains. Leave at least 5cm around the unit for sufficient ventilations.

6. Install the unit in accordance with the manufacturer's instructions.
7. Clean the cabinet with a soft cloth slightly moistened with a mild detergent solution. Do not use strong solvents, which may cause unpredictable damage to the unit.
8. Before using the product with the approved power adapter provided, ensure the electric power supply is compatible with the voltage rating of the provided power adapter.
9. Use ONLY the provided power adaptor. Never use other power adaptors even if they have the same specifications or rating.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the pointers where they exist from the unit.
11. The electric plug is used as the disconnect device. The disconnect device shall remain readily operable.
12. Remove the power adaptor from the electric outlet if the product is not in use for a long time.
13. If it is lightening, unplug the power adapter to prevent the unit from unnecessary damages.
14. Never try to disassemble batteries. It will be fatal dangerous if you heat the batteries or put batteries under the direct sunlight.
15. Refer all servicing to qualified service personnel. Servicing required when the unit does not operate normally or has been damaged in any way such as the power adaptor is damaged, liquids spilled into the unit, any hard object fallen on the unit, the unit has been dropped, the unit has been exposed to rain or moisture.
16. The marking information is located at the bottom of the unit.
17. Attention should be drawn to the environmental aspects of batteries disposal.
18. Use the unit in moderate climates.

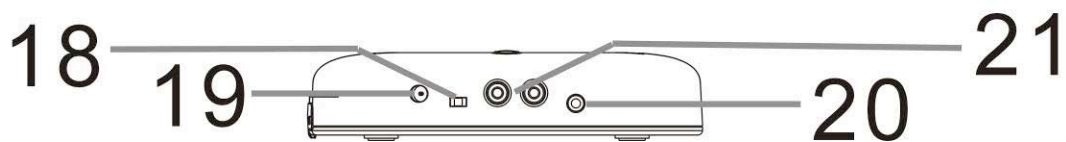
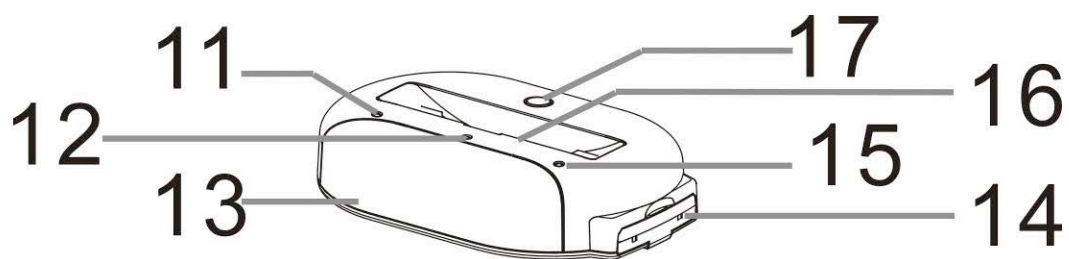
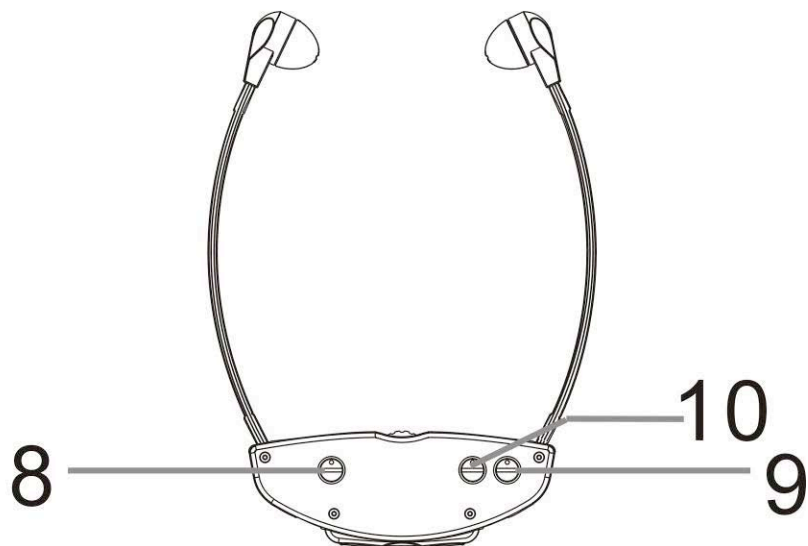
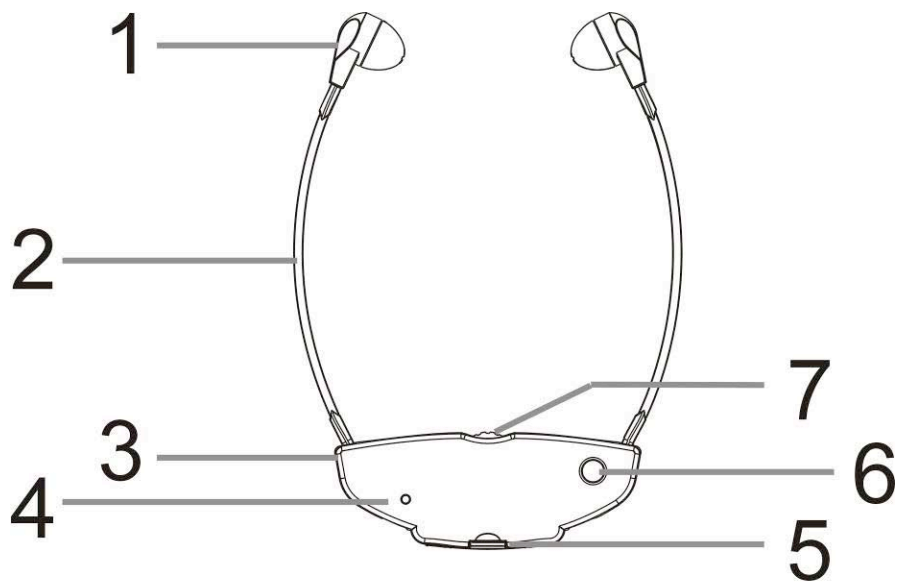
Warnings:

- \* Listening to uncomfortable sound levels for prolonged periods could adversely affect your hearing.
- \* If using a line input or direct plug in MUST be fully inserted into the correct socket and the volume turned to the lowest level before turning the unit on. Failure to do so can result in high sound levels and could adversely affect your hearing.
- \* Please make sure that the volume knob is in the fully OFF position. You will hear and feel a click when the knob is in the OFF position.

### Battery Warnings:

- \* Danger if battery is heated or exposed to direct sunlight or high temperature (over 80 centidegrees).
- \* Do not force the battery pack into the charger or headphone. It fits easily when in the correct orientation.
- \* Do not short circuit the battery.
- \* Never disassemble or reconstruct battery.
- \* Do not expose the battery to water or any liquids.
- \* Disposal of battery if it is broken, leaked, or deformed.
- \* Charge the battery as per instructions.

# Locations and controls



# Headset

1. **Headset plugs & earbuds**
2. **Headset cradles:** The cradles are adjustable at a set angle range. You can set the headset plugs at a certain width by adjusting the angle. Do not force - it may damage the headset.
3. **Under chin headset**
4. **Channel indicator:** Indicate the operating status of the headset. Fast flash when the headset is searching for an idle FM frequency; Flash slowly to indicate the receiver is going to hold an idle FM frequency. Once the desired FM frequency has been found, the indicator will light constantly.
5. **Battery pack:** Take the battery pack from the packaging and insert it into the bottom side of the under chin headset.
6. **Search:** Press to search the signal sent from the transmitter.
7. **Volume control:** Turn the sound on and off and adjust the volume level.
8. **Balance knob:** Adjust the sound balance of left and right channel.
9. **Tone Right knob:** Adjust the tone of right earphone.
10. **Tone Left knob:** Adjust the tone of left earphone.

# Transmitter

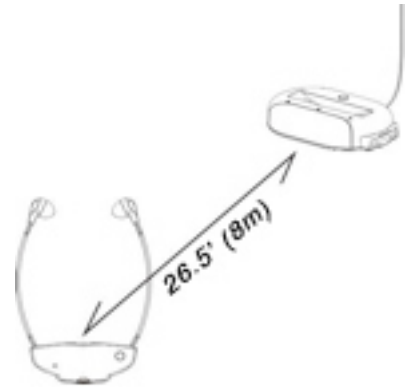
11. **Channel indicator:** Indicate the operating status of the transmitter. Flash when the transmitter is searching for an idle FM frequency. Once the desired FM frequency has been found, the indicator will light constantly.
12. **Charge 2 indicator (middle):** Locate the battery pack inside the headset. Lights constantly during the charging process; light off if the battery pack is fully charged. Light slowly blinks with no battery pack inside.
13. **Transmitter**
14. **Side battery charge slot:** Dock and charge the extra battery pack.
15. **Charge 1 indicator (side):** Indicate the battery pack at the side of the transmitter. Lights constantly during the charging process; light off if the battery pack is fully charged. Light slowly blinks with no battery pack inside.
16. **Headset dock:** Charge the battery pack inside the headset during docking.
17. **Search:** Press to search an idle FM frequency.
18. **DC IN jack:** Connect the AC/DC adaptor to the jack.
19. **Audio switch [MONO/STEREO]:** Switch between stereo and mono operation.
20. **AUDIO IN socket:** Connects the 3.5mm audio input jack of the transmitter to your TV set by using the 3.5mm plug-in cable.
21. **AUDIO IN sockets [RCA]:** Connects the RCA audio input jack of the transmitter to your

TV set by using the RCA to 3.5mm plug-in audio cable cord supplied.

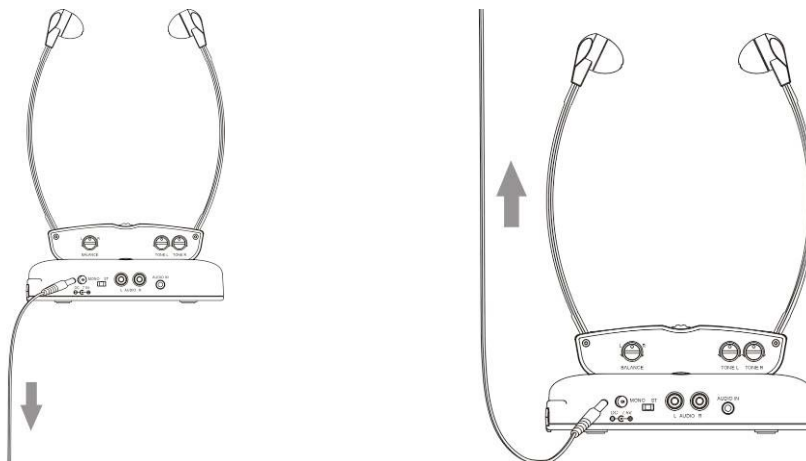
## Preparations

### CAUTION:

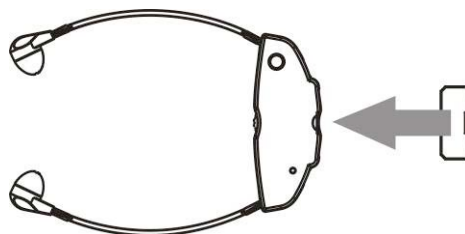
The valid operation range between the headset and transmitter is 26.5ft (8m) in open area.



1. Get connected. Connect the transmitter to your TV set by the provided audio cable, make sure that the color of RCA plugs are matched the color of socket.  
**Tips:** It is convenient to place the transmitter near your TV set.
2. Fully extend the DC cord, and keep the DC cord lie vertically (up or down), as the DC cord acts as a signal transmission antenna.



3. Take the battery packs from the packaging then insert one of the battery pack into the headset base, with the engraved symbol side facing upward.



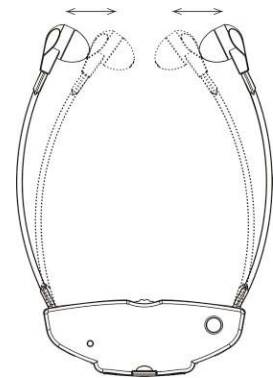
**NOTE:** The battery pack carries a little power and it is adequate for searching an idle FM frequency. However, it is better to charge the battery pack at least 8 hours before first use. (For detailed information of charging the battery pack, please refer to “Charging the battery pack”.)

4. Dock the headset to the transmitter and battery pack inside the headset will be charged automatically once the transmitter is powered on.  
**NOTE:** The Charge 2 indicates the battery level. The Charge 2 indicator will go out if the battery of the headset is fully charged, otherwise it lights up constantly and charging is in progress.
5. Connect the AC/DC adaptor to the DC IN jack at the back of the transmitter and to the electric outlet. The transmitter is powered on.

## Getting started

1. Turn on your TV set and adjust to a comfortable volume level. **NOTE:** Never mute the TV sound, as it could cause no sound on the headset.
2. Use the volume control to turn the headset on and a “click” will be heard. Turn the volume control to set the volume level to the lowest level.
3. Put on the headset and adjust the headset cradles to a comfortable width.

**NOTE:** There are 3 different sizes of earbuds provided (one is equipped with the headset, the others are in the packaging), to fit for different user. Please refer to the “**Change the earbuds**”.



4. Re-adjust the volume on the headset to a comfortable level.
5. Use a penny (not included) to set the sound to meet your preference with the balance knob and the tone knobs (left and right) that are designed on the back of the headset.
6. If you find the sound is not clear, set the audio switch to “MONO”.

**TIPS:** If you find no sounds from the headset, or the Channel indicator on the headset is flashing for a while then lights off, it indicates that re-pair will be needed. To get detailed information please refer to “**Pair the FM frequency**”.

7. After use, turn off the headset with the Volume control and dock it to the transmitter.

## Pair the FM frequency

The transmitter and headset are pre-paired. If you find no sounds from the headset, or the Channel indicator on the headset is flashing for a while then lights off, it indicates that re-pair will be needed.

- Check if you are too far away from the transmitter. The operating distance between the headset and the transmitter is 26.5 ft (8m).

**SOLUTION:** Move closer to the transmitter.



- The headset may not find an idle FM frequency.

**SOLUTION:** Press the Search button on the headset to re-pair to the transmitter.

If all above solutions do not work, you may need to find another idle FM frequency as per instructions below:

1. Always dock the headset on the transmitter.
2. Press the Search button on the transmitter.

The transmitter will search an idle FM frequency for signal transmission. Channel indicator is flashing during searching process. Once a desired FM frequency has been found, the indicator lights constantly and then the transmitter will send out a signal.

3. Turn the Volume control to set the headset ON.
4. Press the Search button on the headset.

The headset will search the signal that was sent from the transmitter. Channel indicator on the headset starts to flash, indicating the searching process. Once the signal has been found, the indicator will light constantly.

**NOTE:** If the Channel indicator on the headset keeps flashing for a long time, change another idle FM frequency with steps 2, 3 & 4.

5. When the pair is complete, you can enjoy your TV.

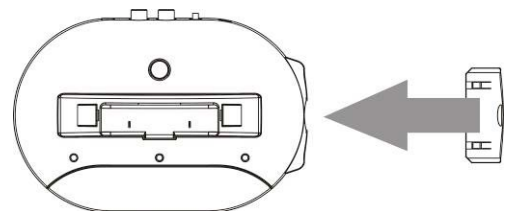
## Charging the battery pack

The battery packs carry little power during shipping.

Charge the battery packs at least 8 hours before first use, as low battery level may lead to unsatisfied sound such as distortion.

It is recommended to dock the headset to the transmitter after use.

- Dock the headset to the transmitter and a combination sound will be heard. The battery pack will be charged once the transmitter is powered on.
- To charge the extra battery pack, inserts it to the side battery charge slot of the transmitter with the engraved symbol side facing downward. The battery pack will be charged once the transmitter is powered on.



### NOTE:

- If the battery pack is inserted into the side of transmitter, the battery pack will charge until it reaches full capacity.
- The battery pack contains a protection circuit to avoid overcharging and to help save the battery life. When the battery pack is inserted into the powered-on transmitter, the

transmitter will detect the battery level and activate the charging function.

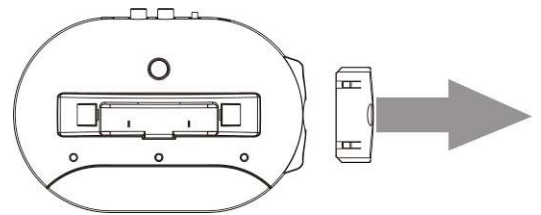
- The Charge LEDs indicate the charging status. It lights constantly during the charging process. If the battery pack has been fully charged, the Charge LED will light off. If the battery pack contains no battery it will slowly blink.

**Battery Precautions:** Use battery pack as recommended by the manufacturer, use battery pack other than recommended will increase risks of danger.

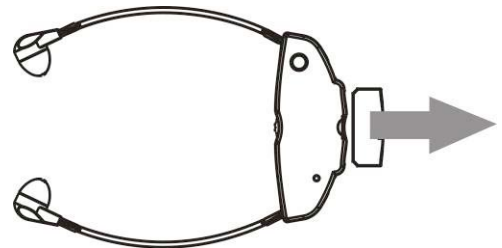
## Replace the drained battery pack

If you find distorted sounds, the battery level may be low, dock the headset to charge the battery pack or, if you want to use the headset continuously, you need to replace the battery pack.

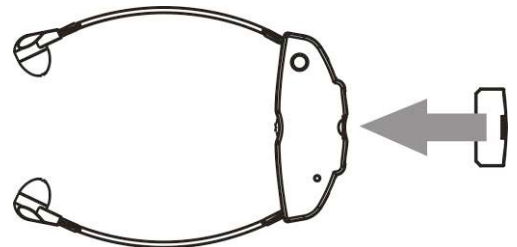
1. Take the extra battery pack out from the transmitter.



2. Grip the edge and pull out the battery pack from the bottom of the under chin headset. Take the extra battery pack out if it is inserted to the side of the transmitter.



3. Insert the extra battery pack into the under chin headset. Make sure the battery pack is installed or docked properly.



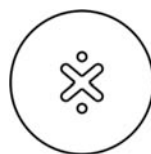
## Change the earbuds

There are 3 sizes of earbuds included with the product: small, medium and large size.

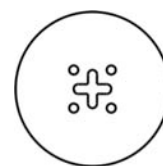
Small



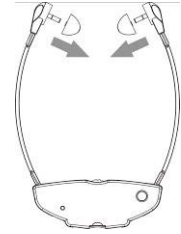
Medium



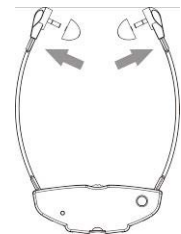
Large



- Take off the earbuds from the headset.



- Take the earbuds from the packaging and select a suitable earbud size.
- Insert the earbuds to the headset.



## Specifications

|                           |  |
|---------------------------|--|
| Headset power supply:     | 1 x Li-ion battery pack  |
| Transmitter power supply: | AC adapter: input 120V~60Hz,<br>output 7.5Vdc 200mA  |
| Power Consumption:        | 3W   |
| FM Frequency Range:       | 87.5-108.1MHz  |
| S/N ratio:                | 45dB   |
| Operation Range:          | 26.5' (8m) in open area  |
| Accessories:              | AC/DC adapter<br>3.5mm-to-RCA Audio cable<br>2 x Li-ion battery pack<br>3 pairs of earbuds (small, medium and large size, one is equipped on the headset and the others are in the packing.) |

# Troubleshooting

| Problem  | Possible Cause  | Solution   |
|--|---|--|
| Not working and/or no sound.                                 | <p>Connections between the Audio sockets on the TV and the transmitter may be loose.</p> <p>You may be out of the operating range of the transmitter.</p> <p>Battery pack is low.</p> <p>TV sound may be muted.</p> | <p>Check all connections.</p> <p>Move closer to the transmitter to keep the distance within 26.5 ft (8m).</p> <p>Recharge/Replace the battery pack.</p> <p>Check the sound on TV and deactivate the mute function.</p> |
| No reception.  | The DC cord of AC adapter is coiled, or lies flat.  | Keep the DC cord fully extended and lie straight (up or down).   |
| Sound is not very clear and/or distorted.                    | <p>Some interfered appliance is being used nearby.</p> <p>Poor reception.</p>   | <p>Turn off the interfered appliance.</p> <p>Turn yourself to another direction or set the audio switch to Mono.</p>   |
| The Channel indicator lights off after flashing for a while. | It is to be designated to help save power consumption.  | Press the Search button to pair an idle FM frequency and the indicator will light again.   |

## FCC STATEMENT

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for 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 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 the 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.

### INDUSTRY CANADA

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.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

### CALIFORNIA PROP 65 WARNING

"WARNING" This product contains a chemicals known to the State of California to cause birth defects or other reproductive harm. For more information on these regulations and a list of chemicals, log on the following website address :

<http://www.oehha.ca.gov/prop65.html>

## WARRANTY

Innovative Technology Electronics Corp.

Limited Warranty: 90 Days Labor, One Year Parts

Innovative Technology Electronics Corp. (IT) warrants the product to be free from "Defects" in materials under normal use for a period of "One Year" from the date of the original purchase. The Warranty is "Not" transferable. IT agrees, within the initial "90 Day" period, to repair or replace the product if it is determined to be defective at "No Charge". It is further agreed that IT will cover the cost to repair or replace damaged "Parts" only for a total period of "One Year" from the date of the original purchase. The warranty does not cover cosmetic damage, antennas, AC cords, cabinets, headbands, ear-pads, or damage due to line power surges, connection to improper voltage supply or settings, misuse, mishandling, accident, acts of God or attempted repair by an unauthorized service agent.

**To obtain service, the purchaser MUST present an original sales receipt / proof of purchase. Please contact us at [www.ithomeproducts.com](http://www.ithomeproducts.com) to request an RMA (Return Material Authorization) number to return products for service or replacement.** Returns without an RMA number on the package will be refused and returned to sender. Upon receipt of the returning item and our full inspection (IT) may issue a replacement to customer for the same item or of one that has equivalent value and features. To return an item, supply full name, return address, phone number, item purchased, receipt of purchase and reason for return to obtain RMA number.

All returns must be in the original packaging or reasonable substitute to prevent damage.

Customer "Must" include full name, shipping address and telephone number inside of package. No return will be shipped back to a PO Box or APO address.

Please include your check or money order in the amount of

- **USD\$5.00 for items \$10.00 to \$39.99 (Price Paid Per Unit)**
- **USD\$10.00 for items \$40.00 to \$99.99. (Price Paid Per Unit)**
- **USD\$16.00, for items \$100.00 and up. (Price Paid Per Unit)**
- **Shipping fees are non-refundable**

to be payable to Innovative Technology Electronics Corp.(for handling and return shipping charges) (IT) will not be responsible for delays or unprocessed claims resulting

from a purchaser's failure to provide any / all of the necessary information.

Send all inquiries or RMA request via our website [www.ithomeproducts.com/support](http://www.ithomeproducts.com/support).

Innovative Technology Electronics Corp.

1 Channel Drive

Port Washington, NY 11050

Toll free: 1-877-483-2497

**Website for support: [www.ithomeproducts.com/support](http://www.ithomeproducts.com/support)**

There are no express warranties except as listed above.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE  
REMEDY OF THE CUSTOMER, (IT) SHOULD NOT BE LIABLE FOR ANY INCIDENTAL OR  
CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT  
EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY  
OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION  
OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations  
on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This  
warranty gives you specific legal rights and you may also have other rights, which vary from state to state.