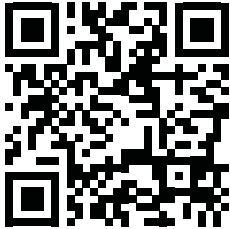


# iHome



**Model: iBTW450**

Dual Charging Stereo Speaker  
System + Dual Alarm



QUESTIONS? Visit [www.ihome.com/support](http://www.ihome.com/support)

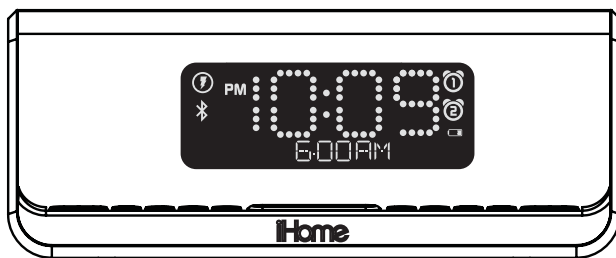
# W E L C O M E

Thank you for choosing the iBTW450 from iHome. This user guide will get you up and running quickly and provide helpful hints to maximize enjoyment. For more information about this and other iHome products, please visit **[www.ihome.com](http://www.ihome.com)**

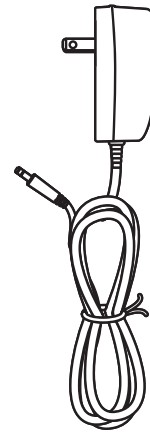
## G E T T I N G   S T A R T E D

This unit ships with the following items. Please check to see that all items are present.

- 1 iBTW450 speaker system
- 2 100-240V Universal AC power adaptor



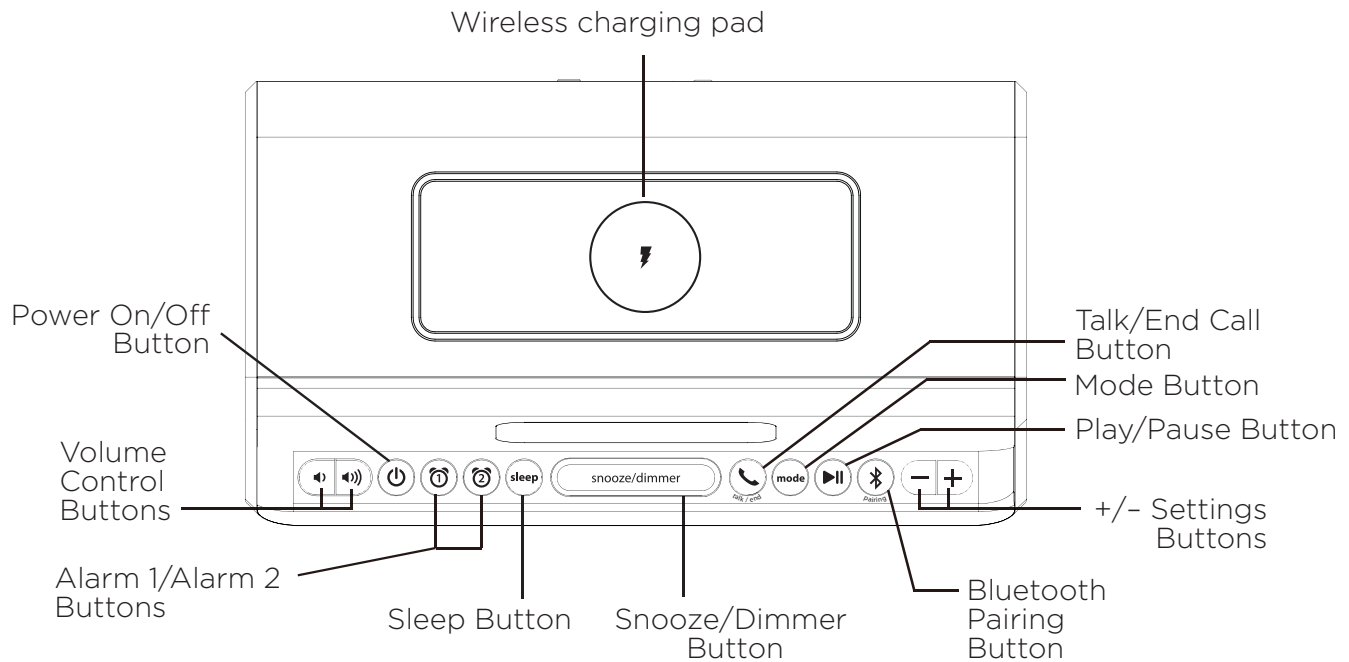
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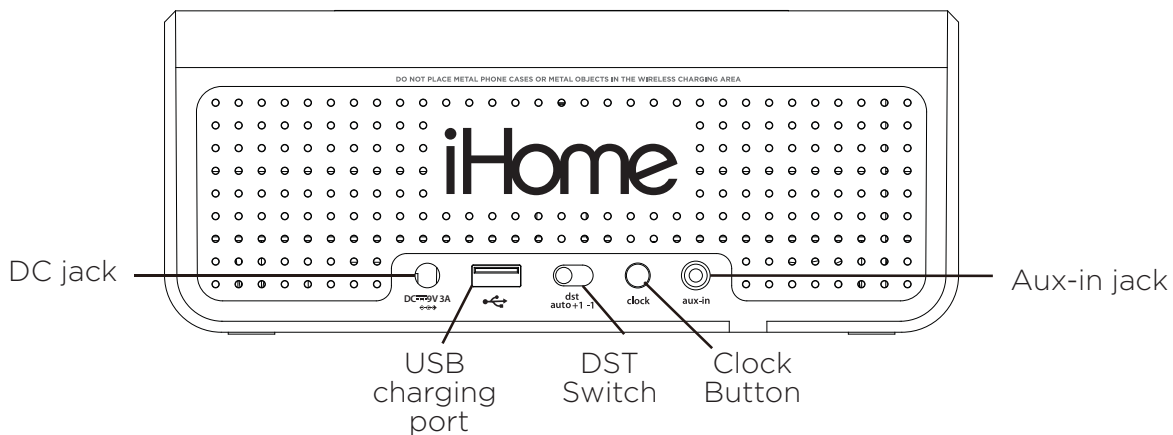
2

# FEATURES & FUNCTIONS

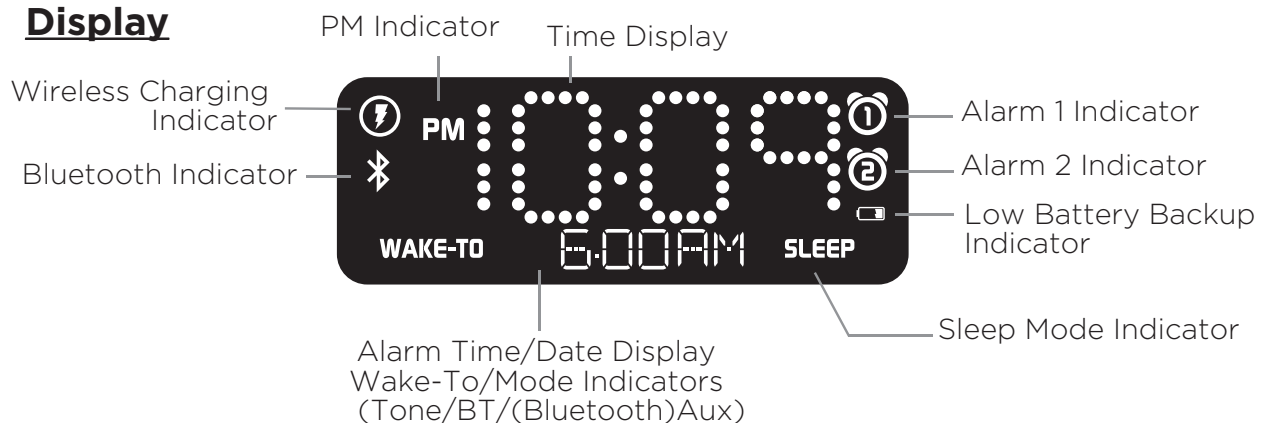
## Top panel



## Back panel

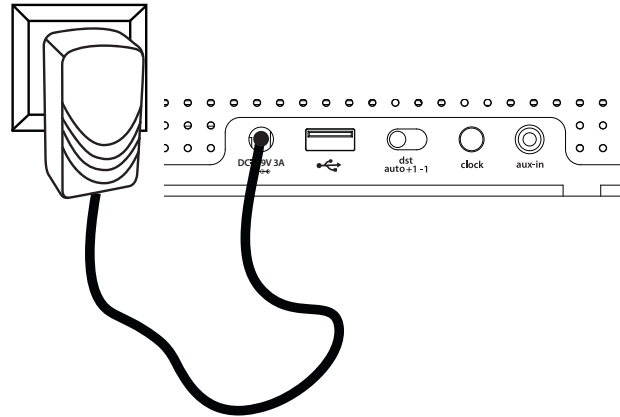


## Display




## CONNECTING AC ADAPTER

This unit operates on AC power using the included 100V-240V universal AC adaptor. Place unit on a stable surface. Plug the power adaptor into the DC jack on back of the unit and the other end into a working wall socket.



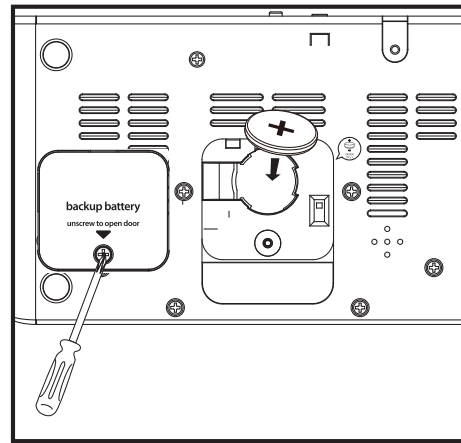
## BACKUP BATTERY

The iBTW450 ships with a CR2450 battery installed for backup to provide continuous alarm operation and clock settings in the event of a power failure. Remove the pull tab from the battery compartment on the bottom of the unit before use. If a power failure occurs or the AC cord is accidentally disconnected, the display backlight will not remain lit, but current time and alarm time settings will be temporarily maintained. Otherwise, you must reset the time and alarm settings.

Note: The  **Battery Low icon** is located on the clock display. When the backup battery is low and needs to be replaced, the Battery Low icon will flash. To replace, follow steps on next page.

## BACKUP BATTERY (CONTINUED)

1. Please make sure the AC adaptor is connected. Otherwise all settings may be lost during battery replacement.
2. Use a Phillips screwdriver to open the backup battery compartment door located on the bottom of the unit.
3. Remove the exhausted battery. Insert a new CR2450 battery by easing it under the tabs in the battery well and pressing down. Make sure the side marked + is facing up.
4. Close the battery compartment door and tighten the battery door screw.



Note: Make sure you dispose of battery properly (see your local regulations).

**WARNING:** Lithium batteries can explode or cause burns if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. Do not place loose batteries in a pocket, purse, or other container containing metal objects, mix with used or other battery types, or store with hazardous or combustible materials. Store in cool, dry, ventilated area. Follow applicable laws and regulations for transport and disposal.

# SETTING THE TIME

1. *Press and hold* the **Clock Button** on the back of the unit. A beep will sound and the TIME will flash on the display.  
Press the **+** or **- Buttons** to set the correct time (hold for rapid adjustment). Make sure to set the correct AM or PM time. (The AM/PM indicators appear to the left of the time display.)  
NOTE: The display can be set to standard 12 hour time (AM and PM) or to 24 hour time. To toggle between 12 and 24 modes, press and release the **⌚ Alarm 1** or **⌚ Alarm 2 Button** at any time while display is flashing during time setting mode.
2. Press and release the **Clock Button** to confirm the current time setting. The YEAR will flash on the display. Press the **+** or **- Buttons** to set the correct year.
3. Press and release the **Clock Button** to confirm the current year setting. The DATE will flash on the display. Press the **+** or **- Buttons** to set the correct month and day (hold for rapid adjustment).
4. Press and release the **Clock Button** to confirm the current date setting.  
Two beeps will sound to indicate time setting mode is complete.

## SETTING THE DAYLIGHT SAVING TIME (DST) SWITCH

This unit has a **DST switch** on the back of the unit to adjust the time for daylight saving time and standard time. By default, it is set to Auto and will automatically adjust the time at the start and end of daylight saving time. If you are located in an area that does not observe daylight saving time or otherwise wish to adjust manually, slide the switch to +1 to add one hour or to -1 to subtract an hour.

# SETTING AND USING THE ALARMS

## SETTING THE ALARMS

This unit has two alarms which are set the same way. Instructions below are for setting alarm 1. Substitute the **🕒 Alarm 2 Button** to set alarm 2. You can wake to your Bluetooth device or to the built-in tones. The alarm will sound for 60 minutes or until reset/turned off.

1. Press and hold the **🕒 Alarm Button** until the alarm time display flashes and one beep sounds.
2. Press the **+ or - Buttons** to adjust the display to the desired alarm time (hold for rapid adjustment). Remember to set the correct AM or PM alarm time.
3. Press the **🕒 Alarm Button** to confirm the alarm time. The wake to schedule will flash.
4. Press the **+ or - Buttons** to set the desired alarm schedule: 7 Days (every day), 5 Days (week days only) or 2 Days (weekends only).
5. Press the **🕒 Alarm Button** to confirm the alarm schedule. The wake source indicator will flash on the display. Press the **+ or - Buttons** to select BT (Bluetooth) or Tone, then press the **🕒 Alarm Button** to access preferences and volume setting for the selected alarm source.

**Wake to BT:** If wake to Bluetooth (BT) is selected, press the **+ or - Buttons** to set the BT volume (can be set from 5-40). The alarm will wake you to the last track played on the last linked Bluetooth device. Note: if Bluetooth is not detected at alarm time, alarm will default to tone.

**Wake to Tone:** Select to wake to one of the 4 built-in alarm tones. Press the **+ or - Buttons** to listen to and select the desired tone. Confirm with the **🕒 Alarm Button**, then press the **+ or - Buttons** to set the alarm volume (can be set from 5-40).

6. Press the **🕒 Alarm Button** to exit and confirm alarm settings. An alarm icon will appear on the display, indicating that the alarm is set and armed.


NOTE: alarm volume is independent from normal volume.

# SETTING AND USING THE ALARMS (Continued)

## REVIEWING, ARMING/DISARMING AND RESETTING THE ALARM

Press and release the **Alarm Button** at any time to review the current alarm settings. To toggle the alarm on or off, press the **Alarm Button** as needed.



When the alarm icon is displayed, the alarm is armed/on.

Press the  **Power Button** or **Alarm Button** when the alarm is sounding to reset it to come on again at the same time the next scheduled day. (For example, if your alarm schedule is set to Wake Weekday and you reset the alarm on Friday, it will come on again on Monday, not on Saturday.)

## SNOOZE/DIMMER OPERATION

1. To program a custom snooze duration, during normal operation (when alarm is not sounding) press and hold the **Snooze/Dimmer Button** until the display flashes, then press the **+** or **- Buttons** on the unit to adjust the snooze time to 1 - 29 minutes.
2. Press the **Snooze/Dimmer Button** on the iBTW450 after the alarm sounds. The alarm will be silenced and will come on again in about 9 minutes (default). You may repeat this cycle several times during the one hour alarm cycle.
3. During normal operation (when alarm is not sounding), press the **Snooze/Dimmer Button** to control the brightness level (8 steps, HIGH to OFF settings) of the LCD display and buttons.

## SLEEP MODE

Sleep mode lets you sleep to your playing Bluetooth or Aux-in device for the set sleep duration, then turns the unit off. Press the **Sleep Button** as needed to cycle to the desired sleep duration: 120, 90, 60, 30 or 15 minutes or OFF (turns unit off). Press the  or  **Button** on the unit to adjust sleep listening level (sleep level volume is independent from normal volume levels). Press the **Sleep Button** during sleep to view the remaining sleep time; press again to set sleep to next (lower) sleep duration.



## USING WIRELESS CHARGING

This unit will wirelessly charge compatible wireless charging phones. PMA wireless charging system is not supported.

**CAUTION: Remove metal protective or magnetic case from phone before charging. When charging phone, do not place magnetic-striped or other metal objects on the charger. Doing so could damage the object or this unit. Compatible phones with metallic looking finishes will charge normally.**

Center compatible device with back side down on marked charging target circle. Check the wireless charging indicator toward the bottom left of the display.

**Rapid blinking icon:** Device is not charging properly. Reposition device.

**Slow blinking icon:** Device is charging properly.

**Solid icon:** Device is charged (some devices do not support this feature, and the icon will continue to slowly blink when device is fully charged).

## USING THE USB CHARGING PORT





A 1 Amp USB port is located on the back of the unit for charging devices while the unit is connected to AC power. Connect one end of a compatible USB cable (not included) into the standard USB port on the unit and the other end into the device you wish to charge. Some devices require higher amperage USB charging ports. Monitor the charging status of your device. If the device does not charge, you will need to use the charger that came with your device.

# USING BLUETOOTH

## Pairing Your Device

1. *Press and hold* the **Bluetooth Pairing Button** located on the front of the unit for 3 seconds. The Bluetooth icon will flash & "BTPAIR" icon light on the display and a voice prompt will announce "PAIRING".
2. "iHome iBTW450" will appear on your device's Bluetooth menu. Select "iHome iBTW450" to complete pairing. If prompted for a passcode, enter "1234" on your device's keypad. "Connected" or similar should appear on your device.
3. A voice prompt will announce "CONNECTED" and the Bluetooth icon will appear solid indicating the iBTW450 is paired and ready to play music. If no device is successfully paired within 3 minutes the unit will default to previous mode.
4. Once the unit is paired to a device and in Bluetooth mode it will attempt to autolink when the device is within range (about 33 feet).

## Listening to Bluetooth Audio

1. Press and release the  **Power Button** to turn on the unit, then press and release the **Mode Button** as needed to cycle through BT and AUX modes.
2. Press the  **Play/Pause Button** to pause Bluetooth audio, and again to unpause.
3. When BT mode is selected, press the **+** or **- Buttons** to navigate to the desired tracks.  
Adjust the volume on your BT device to maximum output.
4. Press the  or  **Button** on the unit to adjust the system volume.

To reset Bluetooth, *press and hold* the **Bluetooth Pairing Button** for 10 seconds.





## USING BLUETOOTH (Continued)

### Using the Speakerphone

Unit must be ON and paired to a Bluetooth device to use Speakerphone mode.

1. When a call is received, playing music is muted to hear the ring tone and “CALL” appears on the display. Press the **Talk/End Call Button** to answer the call, or *press and hold* to reject the call.
2. When a call is completed, press and hold the **Talk/End Call Button** to end the call and resume previous function.

## LISTENING TO AUX DEVICES

1. Connect a standard audio cable with 3.5mm plug to the headphone or line-out jack on your AUX device and the other end to the AUX IN jack located on the back of the iBTW450.
2. Press and release the  **Power Button** to turn on the unit, then press and release the **Mode Button** as needed to cycle through BT and AUX modes.
3. When AUX mode is selected, turn on your AUX device and use its controls to play, pause and navigate audio tracks. Adjust the volume on your AUX device to maximum output.
4. Press the  or  **Button** on the unit to adjust the system volume.
5. Press and release the  **Power Button** to turn off the unit when through listening. Remember to turn off your AUX device, too.

## MAINTENANCE

- Place the unit on a level surface away from sources of direct sunlight or excessive heat.
- Protect your furniture when placing your unit on a natural wood and lacquered finish. A cloth or other protective material should be placed between it and the furniture.
- Clean your unit with a soft cloth moistened only with mild soap and water. Stronger cleaning agents such as thinner or similar materials can damage the surface of the unit.

# TROUBLESHOOTING

Symptom	Possible reason	Solution
Unit won't turn on	AC adaptor isn't plugged into a working wall socket or not plugged into the power jack on back of the unit	Plug the AC adaptor into a working wall socket and plug the connector into the supply jack on the unit. Make sure any associated wall switch that controls the outlet is ON.
Device does not respond to the unit and/or device is playing but no sound comes out	Unit is not properly connected to power source and/or Power Button is not ON/device is paused/device is not connected properly	Make sure the unit is properly connected to AC power source. Check that the unit is ON. Try adjusting volume on unit and audio device. Press the Mode Button to select BT or AUX mode. Also try pressing the Play/Pause Button.
Erratic performance	External interference	Move unit away from potential sources of external interference such as computers, modems, wireless devices (routers) or fluorescent light.
No sound	Volume is too low	Turn volume up on your device
Sound distorted	Volume is too high	Turn volume down on your device
	Sound source is distorted	If the original sound file (MP3) is old or of poor quality, distortion and noise are easily noticed with high-power speakers. Try upgrading file from a trusted source such as iTunes.
Device doesn't charge up	Unit is not properly connected to AC power	Please make sure the unit is connected to a working power outlet.
	Device is not connected properly/ USB cable is bad	Make sure USB cables are good and properly connected.
	Device is not capable of wireless charging	Check that device works with wireless charging. Adjust placement on wireless charging pad.

# IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read and follow all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

1. Water and Moisture – The unit should not be used near water. For example: near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
2. Ventilation – The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, it should not be situated on a bed, sofa, rug or similar surface that may block ventilation openings. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet, which may impede the flow of air through the ventilation openings.
3. Heat – The unit should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.
4. Power Sources – The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance. Only use the AC adapter that came with the unit.
5. Power-Cable Protection – Power supply cables should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. It is always best to have a clear area from where the cable exits the unit to where it is plugged into an AC socket.
6. Cleaning – The unit should be cleaned only as recommended. See the Maintenance section of this manual for cleaning instructions.
7. Objects and Liquid Entry – Care should be taken so that objects do not fall and liquids are not spilled into any openings or vents located on the product.
8. Attachments – Do not use attachments not recommended by the product manufacturer.
9. Lightning and Power Surge Protection – Unplug the unit from the wall socket and disconnect the antenna or cable system during a lightning storm or when it is left unattended and unused for long periods of time. This will prevent damage to the product due to lightning and power-line surges.
10. Overloading – Do not overload wall sockets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
11. Damage Requiring Service – The unit should be serviced by qualified service personnel when:
  - A. the power supply cable or plug has been damaged.
  - B. objects have fallen into or liquid has been spilled into the enclosure.
  - C. the unit has been exposed to rain.
  - D. the unit has been dropped or the enclosure damaged.
  - E. the unit exhibits a marked change in performance or does not operate normally.
12. Periods of Nonuse – If the unit is to be left unused for an extended period of time, such as a month or longer, the backup battery should be removed from the unit to prevent damage or corrosion.
13. Servicing – The user should not attempt to service the unit beyond those methods described in the user's operating instructions. Service methods not covered in the operating instructions should be referred to qualified service personnel.

## IMPORTANT SAFETY INSTRUCTIONS (Continued)

14. Magnetic Interference: This product's speakers contain powerful magnets which could cause interference or damage to sensitive equipment such as hard drives, CRT televisions and monitors, as well as medical, scientific, and navigational devices. Keep this unit away from these products at all times.
15. No naked flame sources, such as lighted candles, should be placed on the apparatus.
16. CAUTION – Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
17. Do not dispose of batteries in the household trash or fire.



WARNING

Do not ingest the battery, Chemical Burn Hazard. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

## FCC Information

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

FCC ID: EMOIBTW450

IC: 986B-IBTW450

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.

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

CAN ICES-3 (B)/NMB-3(B)

## Canada Statement

CAN RSS216/ CNR-216

This device complies with Industry Canada's licence-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage; (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

# LIMITED 1 YEAR WARRANTY

iHome Products, a division of SDI Technologies Inc. (hereafter referred to as SDI), warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of one (1) year from the date of original purchase.

Should this product fail to function in a satisfactory manner, it is best to first return it to the store where it was originally purchased. Should this fail to resolve the matter and service still be required by reason of any defect or malfunction during the warranty period, SDI will repair or, at its discretion, replace this product without charge. This decision is subject to verification of the defect or malfunction upon delivery of this product to the Factory Service Center authorized by Customer Service.

If service is required, please call Customer Service at 1-800-288-2792 to obtain a Return Authorization Number and shipping instructions. A copy of the sales receipt is required to validate in-warranty coverage.

## Disclaimer of Warranty

NOTE: This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover (i) products which have been damaged by negligence or willful actions, misuse or accident, or which have been modified or repaired by unauthorized persons; (ii) cracked or broken cabinets, or units damaged by excessive heat; (iii) damage to digital media players, CD's or tape cassettes (if applicable); (iv) the cost of shipping this product to the Factory Service Center and its return to the owner.

This warranty is valid only in the United States of America and does not extend to owners of the product other than to the original purchaser. In no event will SDI or any of its affiliates, contractors, resellers, their officers, directors, shareholders, members or agents be liable to you or any third party for any consequential or incidental damages, any lost profits, actual, exemplary or punitive damages. (Some states do not allow limitations on implied warranties or exclusion of consequential damages, so these restrictions 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. Your acknowledgment and agreement to fully and completely abide by the above mentioned disclaimer of warranty is contractually binding to you upon your transfer of currency (money order, cashier's check, or credit card) for purchase of your SDI product.

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Questions? Visit [www.ihome.com](http://www.ihome.com)  
or call 1-800-288-2792 Toll Free

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