

iHome



Model: iBT280

**Bluetooth Wireless
Color Changing
Dual Alarm FM Clock Radio
with USB Charging**



instruction manual

Questions? Contact Customer Service at 1-800-288-2792

iBT280

Introduction

Thank you for purchasing the iHome iBT280. This product is designed to provide high quality wireless sound for your Bluetooth audio device and several color modes to enhance your listening experience.

This instruction booklet explains the basic operation and care of the unit. Please read it carefully and keep for future reference.

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 benzene, thinner or similar materials can damage the surface of the unit.

iBT280

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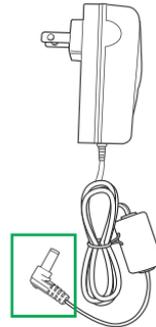
iBT280

Included

- iBT280 system
- 100V-240V universal AC adapter



iBT280

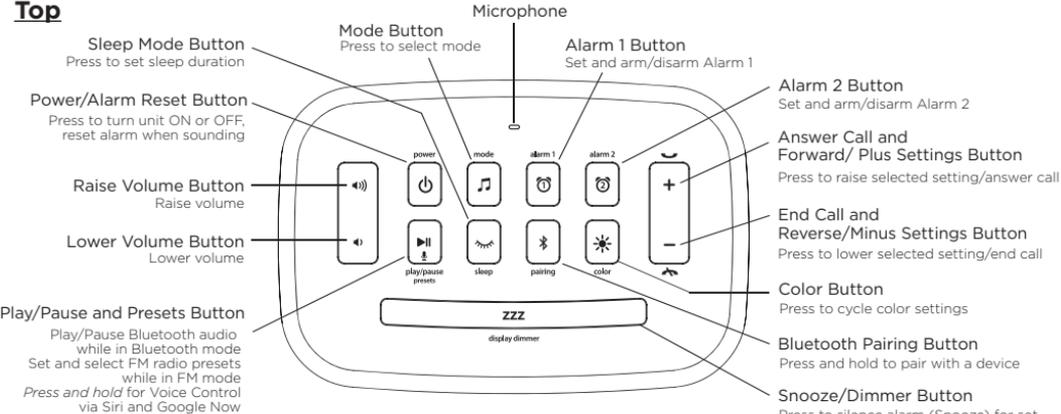


AC adapter

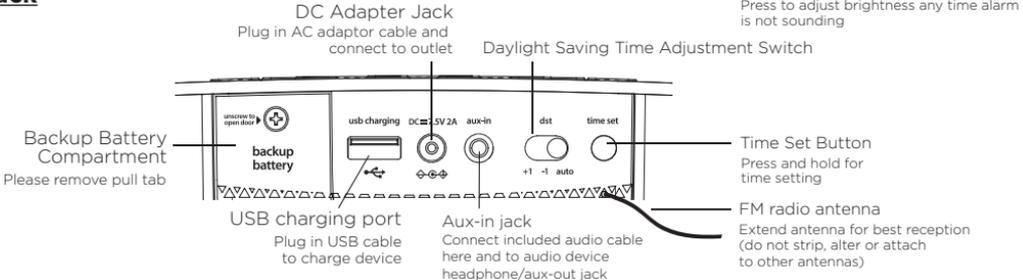
iBT280

Meet Your iBT280

Top

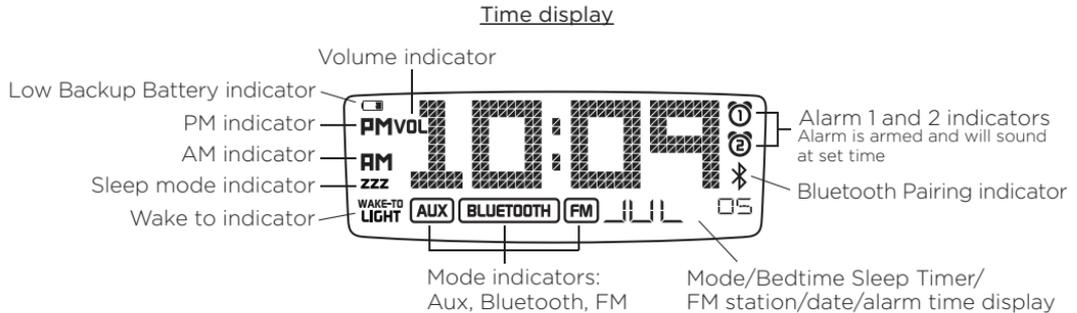


Back



Using the iBT280

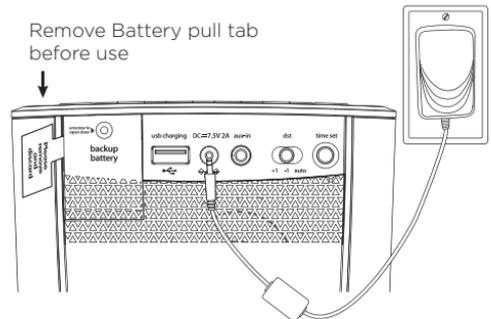
The Display



Setting Up the Unit

Connect the included AC adapter to the DC jack located on the back of the unit and connect the other end to a working wall outlet.

A CR2450 3V battery is installed for battery backup. Remove the pull tab from the backup battery compartment located on the back side of the unit before using the unit. See page 14 for more on installing and replacing backup batteries.



Using the iBT280

Setting the Time

DST Switch

This unit has a Daylight Saving Time (DST) switch located on the back. By default, it is in Auto position and will automatically adjust the time at the start and end of Daylight Saving Time in March and November. If you are in a location that does not observe Daylight Saving Time or wish to set manually, move the switch to +1 to add an hour or to -1 to subtract an hour.

1. *Press and hold* the **Time Set Button** on the back of the unit. The time will flash and a beep will sound. Press the **-** or **+** **Button** to set the correct time (press and hold for rapid setting). Take care to set the correct AM or PM time. The AM and PM Indicators are located to the left of the time digits.
2. Press the **Time Set Button**. The year will flash. Press the **-** or **+** **Button** to set the correct year.
3. Press the **Time Set Button** again. The date will flash. Press the **-** or **+** **Button** to set the correct date (press and hold for rapid setting).
TIP: Press either the  or  **Button** when display is flashing during clock setting to toggle the display between 24 hour (military) and 12 hour (standard) display mode. The AM/PM indicators will not appear when display is in 24 hour mode.
4. Press the **Time Set Button** again to exit clock setting mode.
2 beeps will confirm clock setting is complete.

Setting and Using the Alarms

Using the iBT280

This unit has a dual alarm system so you can set two separate alarms to different alarm times and sources.

Setting the Alarms

Note: Alarm 1 and Alarm 2 are set the same way; Alarm Button below means the button ( or ) for whichever alarm you are setting.

1. *Press and hold* the  or  **Button** until the alarm icon flashes, the alarm time flashes on the lower part of the display and a beep sounds. Press and release the **-** or **+** **Button** to set the alarm time (press and hold for faster setting). Take care to set the correct AM or PM time.
2. Press and release the **Alarm Button** again to confirm the set alarm time. The current wake schedule will flash. Press and release the **-** or **+** **Button** as needed to select “7 DAYS” (alarm sounds every day), “5 DAYS” (alarm sounds on week days) or “2 DAYS” (alarm sounds only on weekend).
3. Press and release the **Alarm Button** again to confirm the alarm schedule. The wake to icon will light and the current alarm source will flash. Press the **-** or **+** **Button** as needed to select the alarm wake-to source: Bluetooth, FM radio or Tone.
 - **Wake to Bluetooth:** When selected, you will wake to your most recently played Bluetooth track
 - **Wake to FM radio:** The default wake to source is the current FM radio station. Press and release the **Alarm Button** again to confirm FM mode, then press and release the **-** or **+** **Button** to set a different station (press and hold to scan to the next clear station). To wake to a preset station, press the **Presets Button** to cycle to the desired preset (see page 9 for details on setting presets).
 - **Wake to Tones:** There are 4 tones to choose from. Press and release the **Alarm Button** again to confirm Tone mode, then press and release the **-** or **+** **Button** to audition and select the desired alarm tone.
4. Press and release the **Alarm Button** again, then press and release the **-** or **+** **Button** to adjust the alarm volume. Note that alarm volume is stored separately from standard volume.
5. Press and release the **Alarm Button** again, then press and release the **-** or **+** **Button** to set the Wake Lighting behavior: Slow Fade, Fast, One Color, Pulse to Music, Random, Dawn, Lamp or None.
6. Press and release the Alarm Button again (or no button within 10 seconds) to exit the alarm setting mode. 2 beeps will confirm alarm setting is complete. The alarm will be armed once set and the corresponding alarm icon will light up. The lower part of the display will show the earliest set alarm time.

Using the iBT280

Previewing the Alarm and Turning the Alarm On/Off

At the set time, the alarm will sound for 1 hour.

1. To turn off the sounding alarm and reset it to come on at the same time the following day, press and release the **Power Button** or the relevant **Alarm Button**. The alarm sound will stop and "OFF" will appear on the display briefly but the alarm icon will remain on the display, indicating the alarm is armed.
2. Press and release the desired **Alarm Button** during normal operation (alarm is not sounding) as needed to preview the current alarm time and wake-to source, arm the alarm (alarm icon is present) or to cancel it (no alarm icon).

Snooze Mode

1. Press and release the **Snooze/Dimmer Button** while alarm is sounding to temporarily silence the alarm for the set snooze duration (default is 9 minutes).
2. To adjust the snooze duration: *press and hold* the **Snooze/Dimmer Button** during normal operation (when alarm is not sounding). The current snooze duration will flash on the display. Press the **-** or **+** **Button** to adjust the snooze time from 01 - 29 minutes. Press and release the **Snooze/Dimmer Button** again (or no button within 10 seconds). Two beeps sound to confirm snooze setting and return unit to normal operation.

Dimmer Mode

When unit is in normal mode (no alarm is sounding), press the **Snooze/Dimmer Button** to cycle through display brightness settings, including OFF. Settings affect both the display and cabinet LED. Dimmer function will not work during FADE color change mode. When color change mode is set to NONE, pressing the Snooze/Dimmer Button will dim the LCD white backlight. The cabinet light will be OFF.

Using the iBT280

Listening to FM Radio

Setting up the Antenna

Extend the FM wire antenna fully for best reception. Do not strip, alter or attach to other antennas.

Tuning and Playing the Radio

1. Press and release the **Mode Button** as needed to navigate to FM radio mode.
2. When FM mode is selected, press the **-** or **+** **Button** to tune the radio to a desired station. The current radio frequency appears in the lower right part of the display. *Press and hold* the **-** or **+** **Button** for a few seconds to scan for the next clear station.
3. To memorize a station as a preset:
 - A. Press the **Presets Button** as needed to step through the 6 presets (P1 - P6) to the number you wish to assign, and then hold the **Presets Button** until the selected preset number begins flashing in the display and 1 beep sounds.
 - B. Press the **-** or **+** **Button** to tune the radio to a desired station. Hold briefly to have the radio autoscans/search for the next clear station.
 - C. Press the **Presets Button** to confirm the setting, two confirmation beeps will confirm the setting and the preset number you wish to assign. Repeat steps A-C to preset up to 6 stations.
4. To listen to a preset station, press the **Presets Button** to choose the desired preset.
5. Press the **◀** or **▶** **Button** on the unit to adjust the system volume.

Using the Unit in Other Countries

Different regions of the world use different FM radio frequency steps and ranges. You will need to select the one that matches the standards in your region (USA, EUROPE, JAPAN, AUSTRALIA, or CHINA). The default setting is USA; if you live in the US, you may skip this section.

1. Make sure the unit is OFF (not playing in any mode). Press and hold the **Mode Button** for about 5 seconds until "USA" appears in the lower right part of display and 1 beep sounds. Press and release the **-** or **+** **Button** to select your region.
2. Press and release the **Mode Button** again (or no button within 10 seconds) to exit the radio frequency setting mode. Two beeps will confirm radio frequency setting.

Using the iBT280

Color Change Mode

Color Change Mode can be accessed whether the unit is ON or OFF. There are 6 color settings. Press the **Color Button** to cycle through them. The settings are:

- **FADE** Slow color change (default): Colors slowly fade in and out continually from one color to the next.
- **FAST** Fast color change: Colors change quickly from one to another through the color spectrum.
- **COLOR** Select a color. NOTE: To manually cycle to a desired color, press and release the **-** or **+** **Button** as needed while the unit is OFF or in COLOR mode.
- **PULSE** Changing colors pulse to playing music.
- **RANDOM** Pulse to random preset pattern.
- **LAMP** Night light with current brightness that is dimmable
- **NONE** Turns off cabinet color effect.

Sleep Mode

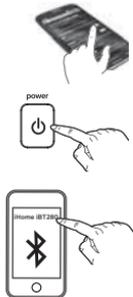
This unit has a Sleep feature which gradually lowers the volume of playing audio over a set time then turns off.

1. Press and release the **Sleep Button** as needed to cycle to the desired sleep setting: 120, 90, 60, 30, 15 minutes or Off (cancels sleep mode and turns unit off).
2. To set sleep volume, press the **⏮** or **⏭** **Buttons**. Sleep volume does not affect normal or alarm volume settings.
3. During sleep mode, press the **Sleep Button** to view the sleep time remaining. Press again to set sleep to the next lowest setting.
4. To cancel sleep mode and turn the unit off, press and release the **⏻** **Button** at any time during sleep mode.

Using the iBT280

Bluetooth Pairing

Pairing is the set-up process to introduce your Bluetooth-capable device to the iBT280. Once your device is paired, the iBT280 can recognize it and you can play your audio through it.



1. Turn on your Bluetooth device and make it “discoverable” by turning on Bluetooth mode (check in Options or Settings).
2. Press and release the **⏻ Power Button** to turn on the iBT280. **The first time the unit is powered on, it will enter auto-pairing mode:** the unit will beep and the Bluetooth status indicator light on top of the unit will flash quickly while the unit attempts to pair. (If Color Mode is on, the cabinet lights will flash blue and red.) “iHome iBT280” should appear in your device’s Bluetooth menu.
3. Select “iHome iBT280” on device to begin/complete pairing. If prompted for a passcode, enter “1234” on your device’s keypad. 1 beep will sound and the Bluetooth status indicator light will appear solid blue (in Color Mode, cabinet will flash blue twice), indicating the iBT280 is paired and ready to play music. There should also be an indication on your device. If no device is successfully paired within 3 minutes the iBT280 will default to previous mode.

Manual Pairing

To pair with a different device or at a different time:

1. Make sure unit is powered on and in Bluetooth mode.
2. *Press and hold* the **Bluetooth Pairing Button** for 2 seconds.
3. Select “iHome iBT280” on device to pair.



Once the iBT280 is paired to a device, it will attempt to autolink when the unit is turned on and when the device is within range (about 33 feet).

Using the iBT280

Playing Audio Via Bluetooth

1. Press the  **Power Button** to turn the unit ON.
2. Press and release the **Mode Button** as needed until “BLUETOOTH” and the  icon appear on the display.
3. Press the  **Play/Pause/Presets Button** on the unit to play audio from your linked Bluetooth device. Press again to pause play and once again to resume.
4. Press the **-** or **+** **Button** to go to the previous or next track (press and hold to scan backward or forward within tracks).
5. Press the  or  **Buttons** to adjust the volume on the unit.
6. When done listening, press the  **Power Button** to turn the unit off.

Using the Speakerphone feature

NOTE: The unit must be powered on and linked to a Bluetooth phone to receive a call.

1. When a call is received, playing music is muted to hear the ring tone. “Call” will flash on the display.
Press the  **Talk Button** to answer the call; press the  **End Button** to ignore the call. For call waiting function, press the  **Talk Button** to place a currently active call on hold and answer a new call; press the  **Talk Button** to switch between the calls.
2. When a call is completed, press the  **End Button** to end the call and resume previous function.

Using the Voice Control feature

NOTE: The unit must be powered on and linked to an iOS or Android Bluetooth device to use

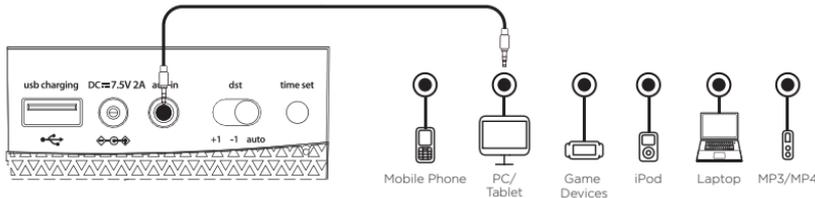
Voice Control. **Press and hold** the  **Button** for 2 seconds and wait for beep to activate voice control with Siri or Google Now. 

Voice control requires an active internet connection on connected Bluetooth device with iOS 10 and Android 4.1 and later. When activated, the speaker microphone acts as an extension of the microphone in your smartphone to make/take calls, enable you to ask Siri*/Google Now™ to play music and more.

Using the iBT280

Playing your Aux Audio Device

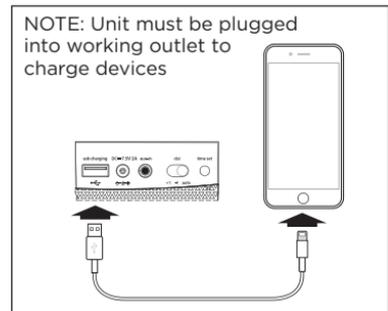
1. Connect one end of a standard stereo aux audio cable to the aux jack on the back of the unit and connect the other end to the headphone jack or aux-out jack on your audio device.
2. Press and release the Mode Button as needed to put the unit in Aux-in mode.
3. Use controls on your device to play and pause audio and to navigate tracks and menus.
4. Press the  or  Button to adjust the unit volume.
5. To turn off the unit, press and release the  Button. Make sure to turn off your audio device, too.



Charging a Device with the USB 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 proprietary USB charging ports or cables. 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.



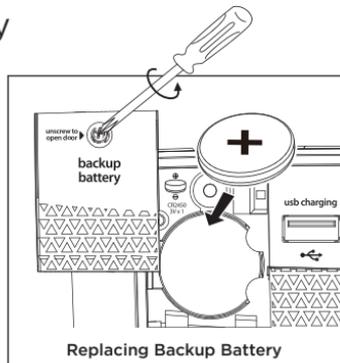
Using the iBT280

Replacing and Installing Clock Backup Battery

Note: The CR2450 lithium battery is included in the unit.
Please pull out the battery pull tab before you use the unit.

This model is equipped with a battery backup circuit that will maintain the time and alarm time settings in the event of a temporary power interruption. The battery backup circuit will also operate the buzzer alarm to wake you up at the selected wake up time even if the power is out. The battery backup circuit requires one CR2450 lithium battery, included.

When the backup battery is getting weak the Low Backup Battery Indicator will begin flashing in the display. When you see this flashing indicator you should replace the backup battery as soon as possible. Purchase a replacement CR2450 battery, available wherever batteries are sold, and follow steps 1 through 4 below to install the replacement battery.



To replace the backup battery:

IMPORTANT: When replacing the backup battery be sure to have the unit connected to the AC outlet to maintain all of your settings, otherwise it will be necessary to reset the time and alarm time after the battery is replaced.

1. Place unit face down. Locate the battery backup compartment found on the back side of the unit.
2. Use a Phillips screwdriver to open the battery compartment cover. Remove the cover and remove the exhausted CR2450 battery.
3. Insert a fresh CR2450 battery in the backup battery compartment with the "+" side facing up, as illustrated.
4. Replace the battery compartment cover and screw the compartment door back in place. Do not overtighten. Confirm that the backup battery indicator is not flashing in the display.

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.

Troubleshooting

Unit doesn't respond (no sound)

- Check that all connections are correct and properly plugged in.
- Make sure your device is properly paired with the iBT280.
- Make sure the Power is ON.
- Make sure volume is up on your Bluetooth device and on unit.

Unit doesn't respond (locked up or frozen)

- The unit may need to be reset. To do so, unplug the unit from power source and remove the backup battery. Let unit stand for 2 minutes. Re-install backup battery and connect unit to power source. You will need to reset the clock, radio, and any other settings.

Trouble pairing device/computer with iBT280

Bluetooth implementation varies depending on your device's hardware and operating system. Please see our website for updates on pairing.

- When you power ON the unit in Bluetooth mode, it will automatically link with the last previously paired Bluetooth device if the device is still within range (about 33 feet).
- Make sure your device is working properly. Check your device's manual for details on Bluetooth pairing and linking.
- To clear all Bluetooth devices, press and hold the Bluetooth Button for 10 seconds when unit is not in pairing mode. A long beep will sound.

For further information and to see the latest instructions, visit www.ihome.com/support

Consumer Product Safety Guide

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 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 using a warm damp cloth. Do not use solvents, etc.
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.

Questions? Visit www.ihome.com
or call 1-800-288-2792 Toll Free

FCC Information

FCC Radiation Exposure Statement

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

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)

IC Statement

This device complies with Industry Canada license-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.

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, et (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
or call 1-800-288-2792 Toll Free**