

iHome®



Model: iBT29
**LED Full Spectrum
Color Changing
Bluetooth FM Clock Radio
with USB Charging**



instruction manual

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

Introduction

Thank you for purchasing the iHome iBT29. This product is designed to provide fun colors and high quality wireless sound for your iPad, iPhone, iPod or other Bluetooth audio device.

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.

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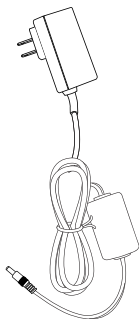
iBT29

What's Included

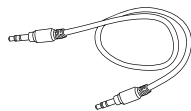
- iBT29 unit
- 100V-240V universal AC adaptor
- Audio cable



iBT29 unit



100V-240V universal
AC adaptor

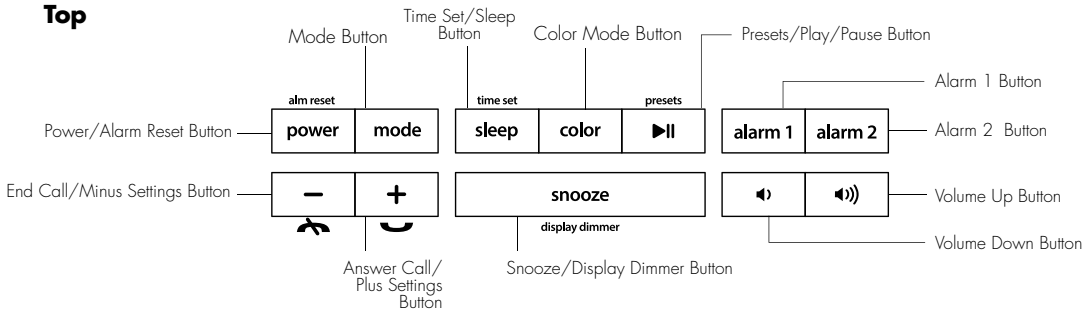


Audio cable

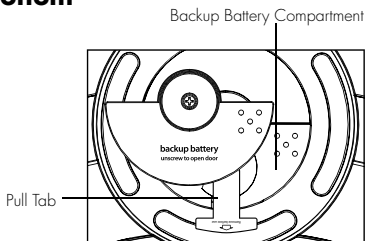
iBT29

Meet Your iBT29

Top

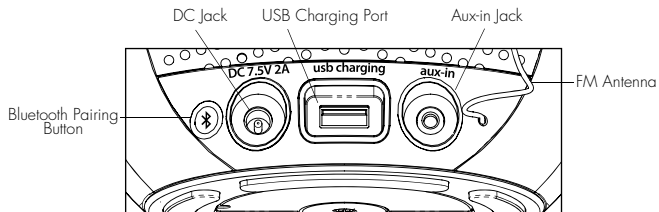


Bottom



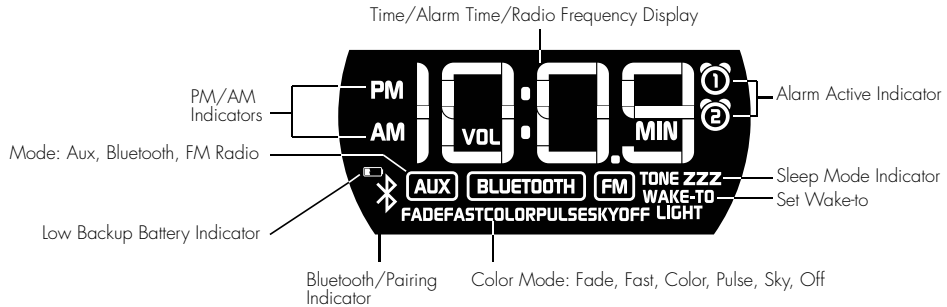
Remove the pull tab before initial use to activate the SureAlarm battery backup system.

Back



Using the iBT29

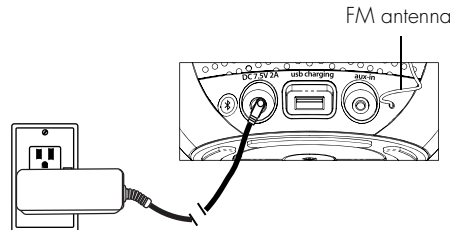
The Display



Setting Up the Unit

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

1 CR2450 battery is included for battery backup. Remove the battery pull tab located on the bottom of the unit before using the unit. See page 6 for more on installing and replacing backup batteries.



Using the iBT29

Replacing and Installing Clock Backup Battery

Note: 1 CR2450 battery is included with the unit. Pull battery tab before using the unit.

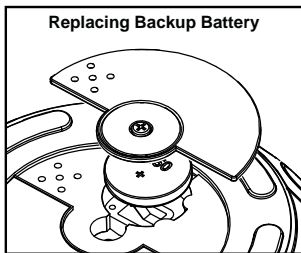
This model is equipped with a battery backup circuit that will maintain the time and alarm time settings in the event of a temporary power interruption (the display is NOT maintained). The battery backup circuit will also operate the buzzer alarm to wake you up at the selected wake up time even if the power is out. 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.

To install/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 batteries are replaced.

1. Use a Phillips screwdriver to unscrew the battery door located on the bottom of the unit. Remove the battery door. If replacing battery, remove the exhausted battery.
2. Insert 1 fresh CR2450 battery in the backup battery compartment. Make sure the "+" side of the battery is facing you (see illustration).
3. Replace the battery door and screw shut. Do not overtighten. Confirm that the backup battery indicator is not flashing in the display.

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





BATTERY INFORMATION

For models that use Lithium batteries

- Lithium batteries can explode or cause burns if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. & not handled appropriately
- 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.

Using the iBT29

Setting the Clock

1. Press and hold the **Time Set/Sleep Button** for 2 seconds until the clock display flashes and a beep sounds.
2. Press the  or  **Buttons** to adjust the clock to the current time (hold for rapid setting). Make sure you set the correct AM/PM time. The AM and PM indicators appear to the left of the display.
3. Press the **Time Set/Sleep Button** to confirm the time and exit clock setting mode. 2 beeps will confirm clock setting is complete.















TIP: To toggle the clock display between standard 12 hour time and 24 hour ("military") time display, press the **Alarm 1 Button** or **Alarm 2 Button** while the display is flashing during clock setting.

Setting and Using the Alarms

This unit features dual alarms which can be set to different times and alarm sources. Each is set in the same way. Instructions are given as "Alarm Button"; use **Alarm 1 Button** or **Alarm 2 Button** to set respective alarms.

Note: Each step must be completed while display is flashing or step will time-out with any changes saved.

Setting and Using the Alarms (Continued)



1. Press and hold the **Alarm Button** for 2 seconds until the alarm time display and alarm icon flash. A beep sounds.
2. Press the  or  **Buttons** to adjust the alarm time to the desired time (hold for rapid setting). Make sure you set the correct AM/PM alarm time. The AM and PM indicators appear to the left of the display.
3. Press the **Alarm Button** to confirm the alarm time setting. The wake-to source will flash.
4. Press the  or  **Buttons** to select the desired wake-to alarm source: Bluetooth, FM radio or tone.
Wake to Bluetooth: You will wake to the currently linked Bluetooth device. If no device is detected, the alarm will default to the last tone selected.
Wake to FM radio: Press the **Alarm Button** to confirm. Press the **Presets Button** to select an FM preset to wake to, or press the  or  **Buttons** to tune in a desired wake to station.
Wake to Tone: Press the **Alarm Button** to confirm. Press the  or  **Buttons** to select the desired tone to wake to (Tone 1 -Tone 4).
5. Press the **Alarm Button** to confirm wake-to source.
6. Press the  or  **Buttons** OR the  or  **Buttons** to adjust the alarm volume.
7. Press the **Alarm Button** to confirm alarm volume and enter wake-to light selection.
8. Press the  or  **Buttons** to select the desired wake-to light mode: Slow fade, Fast Change, One Color (selects current color), Pulse to Music, Sky Gradient or Off (no change to light mode that is active when alarm sounds).
9. Press the **Alarm Button** to confirm the alarm settings and exit alarm setting mode. 2 beeps will confirm alarm setting is complete. The alarm icon will remain on the display, indicating the alarm is armed.
10. To turn off a sounding alarm and reset it to come on the next day at the same time, press the **Power/Alarm Reset Button** or the associated alarm button (**Alarm 1 Button** or **Alarm 2 Button**) to reset alarm.

Previewing the Alarm and Turning the Alarm On/Off

Press and release the desired **Alarm Button** as needed to preview the alarm and to toggle the alarm ON (indicated by the alarm icon) or OFF (no alarm icon).



Using the iBT29

Snooze/Display Dimmer Button

1. To program Snooze, *press and hold* the **Snooze/Display Dimmer Button** during normal operation (when no alarm is sounding).
2. Press the  or  **Buttons** to select the desired snooze time (between 01 and 29 minutes).
3. Press and release the **Snooze/Display Dimmer Button** to confirm Snooze setting. 2 beeps will sound.
 - While the alarm is sounding, press and release the **Snooze/Display Dimmer Button** to temporarily silence the alarm for the set duration (9 minutes is the default). Snooze can be used several times during the one hour alarm cycle.
 - To adjust the brightness of the display, press and release the **Snooze/Display Dimmer Button** during normal operation (when no alarm is sounding) to cycle through the brightness display settings, including OFF.





Sleep Mode

This unit allows you to sleep to the current sound source for a set time before turning the unit off.

1. To set Sleep time, press and release the **Time Set/Sleep Button** as needed to cycle to the desired sleep duration: 120, 90, 60, 30 or 15 minutes or OFF (turns the unit off).
2. Press the  or  **Buttons** to adjust the sleep volume on the unit. Note that the sleep volume setting is stored separately from other volume settings.

FM Radio



Extend the FM antenna for best reception.

1. Press and release the **Power/Alarm Reset Button** to turn the unit on.
2. Press and release the **Mode Button** as needed until the FM indicator icon and current FM radio frequency appear on the display.
3. Press the  or  **Buttons** to tune the radio to the desired station (hold to scan for the next clear station).
4. Press the  or  **Buttons** to adjust the volume on the unit.
5. When you are through listening, press the **Power/Alarm Reset Button** to turn the unit off.

Using the iBT29



Setting and Using FM Presets

The unit allows you to store up to 6 FM radio station presets

1. Press and release the **Power/Alarm Reset Button** to turn the unit on.
2. Press and release the **Mode Button** as needed until the FM indicator icon appears on the display.
3. Press and release the **Presets Button** as needed until the preset number (P1- P6) you wish to set is displayed, then *press and hold* the **Presets Button** to enter setting mode.
4. Press the  or  **Buttons** to tune the radio to the desired station (hold to scan for the next clear station).
5. Press and release the **Presets Button**. 2 beeps will sound to confirm the preset has been assigned. Repeat steps 3 - 5 until you have set up to 6 preset stations.
6. To listen to a preset FM station at any time, follow steps 1 - 2 to turn on FM radio mode and cycle to the desired preset.

Using FM Radio in Other Countries

Different areas of the world use different FM frequency steps and ranges. By default, this unit is set to USA frequency steps. To use the radio outside the USA:

1. Make sure unit is OFF.
2. Press and hold the **Mode Button** until "USA" appears in the display.
3. Press and release  or  **Buttons** to cycle to your location: Europe, Japan, Australia, China or USA.
4. Press the **Mode Button** again to exit frequency setting mode. 2 beeps will confirm setting.


Using the iBT29

Pairing Your Bluetooth Device

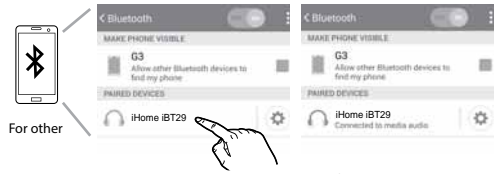
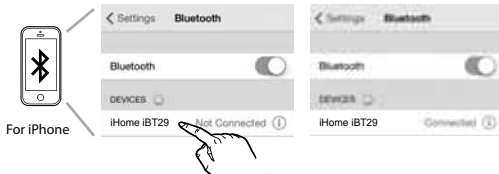
Pairing is the set-up process to introduce your Bluetooth-capable device to the iBT29. Once your device is paired, the iBT29 can recognize it and you can play your audio through it.


1. Make sure your Bluetooth device is fully charged. Turn on your Bluetooth device and make it “discoverable” by turning on Bluetooth mode (check in Options or Settings).



2. Press the **Power/Alarm Reset Button** to turn the unit ON.
3. Press and release the **Mode Button** as needed until “BLUETOOTH” appears on the display.
4. *Press and hold* the **Bluetooth Pairing Button** for 2 seconds. The iBT29 will beep and the Bluetooth  icon will flash on the display, indicating the iBT29 is in pairing mode. If light mode is on, the cabinet will flash blue and red.





5. “iHome iBT29” should appear in your device’s Bluetooth menu. If “Not Paired”, “Not Connected” or similar message appears, select “iHome iBT29” to connect it. If prompted for a passcode, enter “1234” on your device’s keypad.



6. When pairing is successful, the Bluetooth icon  will appear solid, cabinet lights will flash blue two times (if light is on) and 2 beeps will sound, indicating the iBT29 is ready to play music. There should also be an indication on your device. If no device is successfully paired within 3 minutes the iBT29 will default to previous mode. Once the iBT29 is paired to a device, when powered on and in Bluetooth mode, it will attempt to autolink when the device is within range (about 30 feet).

Using the iBT29






Playing Audio via Bluetooth

1. Press the **Power/Alarm Reset Button** to turn the unit ON.
2. Press and release the **Mode Button** as needed until "BLUETOOTH" appears on the display.
3. Press the **Play/Pause/Presets Button** on the unit to play audio from your linked Bluetooth device.
4. Press the  or  **Buttons** to go to the previous or next track.
5. Press the  or  **Buttons** to adjust the volume on the unit. You may need to adjust the volume on your device, too.
6. When done listening, press the **Power/Alarm Reset Button** to turn the unit off.

NOTE: Bluetooth audio is only available when unit is in Bluetooth mode.

Using the Speakerphone feature

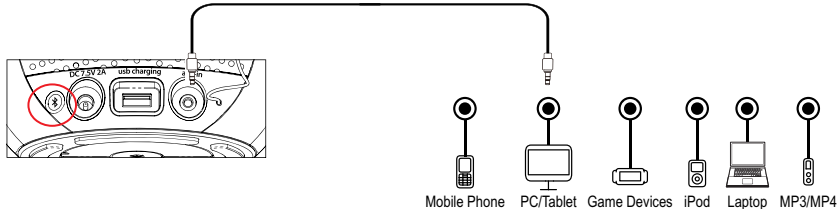
NOTE: The unit must be powered on and linked to a Bluetooth phone to receive a call.

1. When a call is received, playing music is muted to hear the ring tone. "CALL" will flash on the display. Adjust call volume on your device and/or on the unit as needed.
Press the  **Button** to answer the call; press the  **Button** to ignore the call. For call waiting function, press the  **Button** to place a currently active call on hold and answer a new call; press the  **Button** to switch between the calls.
2. When a call is completed, press the  **Button** to end the call and resume previous function.

Using the iBT29

Playing Audio via Aux-In

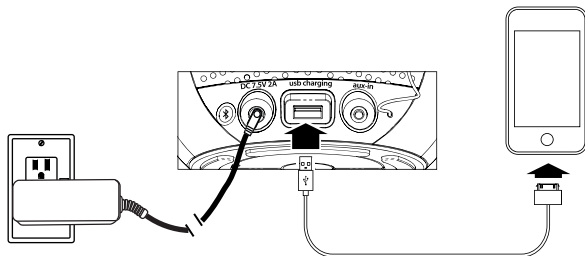
1. Connect one end of the included standard stereo 3.5mm audio cable into the aux-in jack on the back of the unit and the other end into the headphone or output jack of your audio device.
2. Press the **Power/Alarm Reset Button** on the unit to turn it on.
3. Press and release the **Mode Button** as needed until the AUX indicator icon appears on the display.
4. Place your audio device in play mode. Navigate tracks on the device.
5. Press the **⏮** or **⏭** **Buttons** to adjust the volume on the unit. You may need to adjust the volume on your device as well.
6. When done listening, press the **⏻** **Power/Alarm Reset Button** to turn the unit off. Remember to turn off your audio device, too.



Using the iBT29

Charging Devices via USB Port

1. Connect the standard size end of a USB cable (not included) to the USB Port on back of the unit and connect the other end to the charging port on your device. It's often best to use the charging cable supplied with your device.
2. Monitor the charging on your device. Some devices use a proprietary charging method and will not charge using the USB Port. If this happens, you must charge your device using the charger that came with it.



NOTE: Unit must be plugged into working outlet to charge devices

Color Change Mode

Press and release the **Color Button** as needed to cycle to the desired color mode light setting.

Indicators on the display show the current light mode for 5 seconds:

FADE: Slow Fade mode gradually fades from one color into the next

FAST: Fast Change mode fades quickly from color to color

COLOR: One Color mode pauses on the last color shown in Fast Change mode.

PULSE: Pulse to Music mode pulses the changing lights to the beat of playing music if volume is up

SKY: Sky Gradient mode changes gradient colors to match the color of the sky at the current time of day

OFF: Turns cabinet lights OFF.

TIP: When the unit is OFF and in One Color mode, press the **-** or **+** **Buttons** to step through the color spectrum

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 batteries 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.

FCC Information

iBT29

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This Device complies with RSS-210 of the IC Rules; Operation is subject to the following two conditions:

- (1) This device may not cause interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation

FCC ID: EMOIBT29
IC: 986B-IBT29

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 RSS-210. 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.

Unit doesn't respond (no power)

- Check that all connections are correct and properly plugged in.
- Make sure your device is properly paired with the iBT29.
- Make sure the Power is ON.

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 with iBT29

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 and put it in Bluetooth mode, it will automatically link with the last previously paired Bluetooth device if the device is still within range (about 30 feet). To pair with a different device follow pairing instructions on page 11.
- Make sure your device is working properly. Check your device's manual for details on Bluetooth pairing and linking.

NOTE: Bluetooth audio is only available when unit is in Bluetooth mode.

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

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.

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