

iHome®



Model: iBT297

Color Changing Bluetooth App Enhanced Speaker System

with lamp mode, USB charging, FM radio and dual alarm clock



instruction manual

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

Introduction

Thank you for purchasing the iHome iBT297. 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.

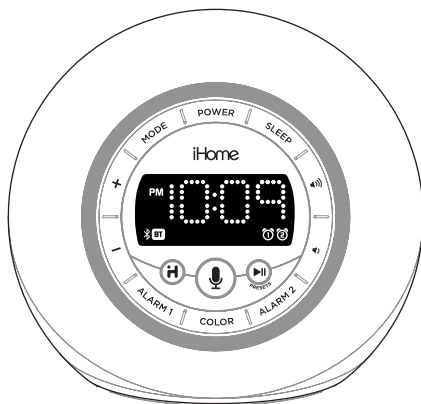
Table of Contents

What's Included	3
Meet Your iBT297.....	4
The Display/Setting Up the Unit	5
Replacing and Installing Clock Backup Battery.....	6
Using the iHome Enhance app: Auto Time Sync via Bluetooth.....	7
Setting the Clock/Setting and Using the Alarms.....	8-9
Previewing the Alarm and Turning the Alarm On/Off.....	9
Snooze/Display Dimmer Button/Sleep Mode/FM Radio	10
Setting and Using FM Presets/Using FM Radio in Other Countries	11
Pairing Your Bluetooth Device	12
Playing Audio Via Bluetooth.....	13
Using the Speakerphone Feature.....	13
Charging Devices via USB Port	14
Color Change Mode/Using the Voice Control Feature.....	15
Consumer Product Safety Guide	16
FCC Information.....	17
Troubleshooting.....	18
Warranty.....	19

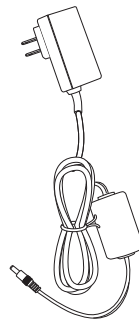
iBT297

What's Included

- iBT297 unit
- 100V-240V universal AC adapter



iBT297 unit

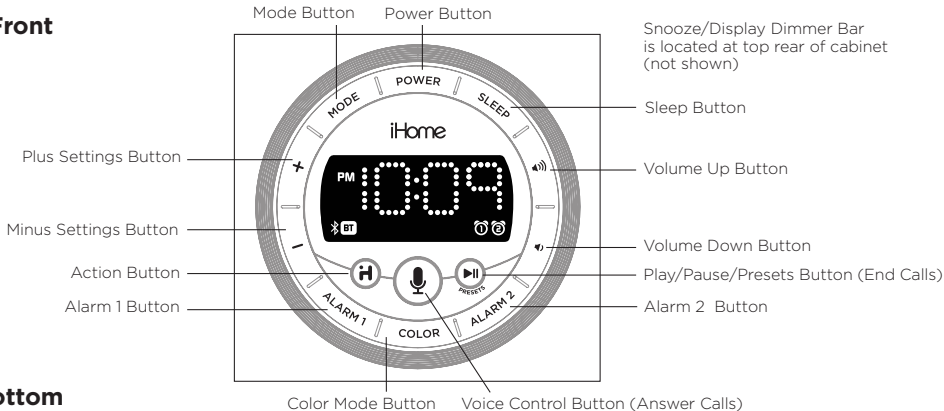


100V-240V universal
AC adapter

iBT297

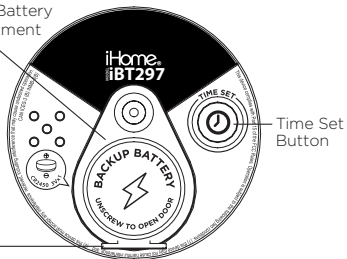
Meet Your iBT297

Front



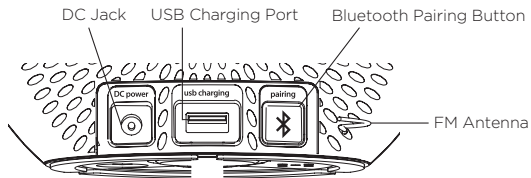
Bottom

Backup Battery Compartment



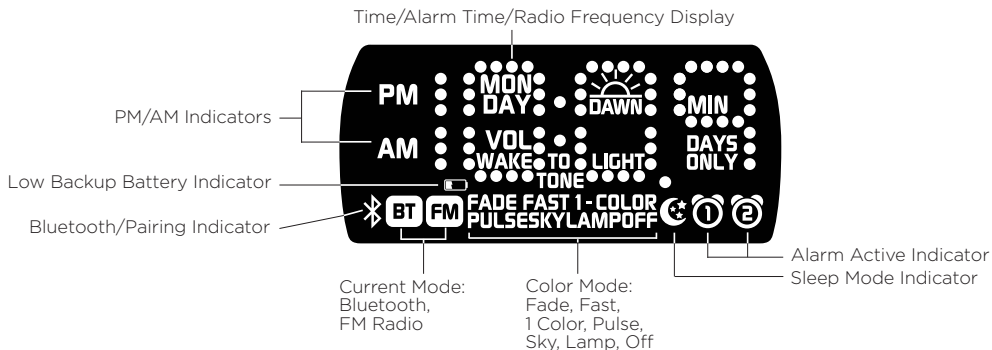
Remove the pull tab before initial use to activate the SureAlarm battery backup system.

Back



Using the iBT297

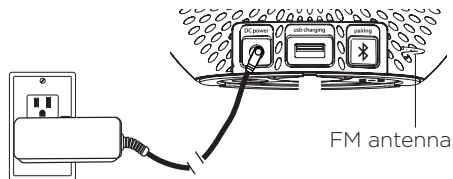
The Display



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. 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.



Replacing and Installing Clock Backup Battery

Using the iBT297

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

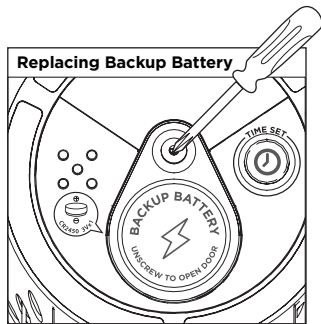
This model is equipped with a battery backup circuit that will maintain the time and alarm time settings in the event of a temporary power interruption (the display is NOT maintained). The battery backup circuit will also operate the buzzer alarm to wake you up at the selected wake up time even if the 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 over-tighten. 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 iBT297

Using the iHome Enhance App

Download the free iHome Enhance App from the App Store or Google Play to enjoy wireless interaction with the iBT297 from your Bluetooth device.

The app must be paired to the iBT297 (this is separate from audio Bluetooth pairing, see page 12 for audio Bluetooth pairing).

- **To pair the App to iBT297 and use Auto Time Sync:**

- a. Plug the unit into a working outlet.
- b. Turn on Bluetooth on your device.
- c. Download and launch the iHome Enhance app.
- d. Select iHome iBT297 on the app's device menu.
- e. If pairing request appears, select Pair.

The app will update the time on the iBT297.

- **To turn off time sync capability** on the iBT297, *press and hold* the **Time Set Button** for 10 seconds until "SYNC ON" appears on the display, then press the **-** or **+** **Buttons** to toggle to SYNC OFF.

To set clock manually, follow instructions on page 8.

Setting the Clock

1. *Press and hold* the **Time Set Button** on the bottom of the unit for 3 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 Button** to confirm the time. The year will flash. Press the **-** or **+ Buttons** to adjust to the current year.
4. Press the **Time Set Button** to confirm the year. The month will flash. Press the **-** or **+ Buttons** to adjust to the current month.
5. Press the **Time Set Button** to confirm the month. The date will flash. Press the **-** or **+ Buttons** to adjust to the current date.
6. Press the **Time Set Button** to confirm the date 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 setting 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 alarm schedule will flash:
7 (every day), 5 (weekdays) or 2 (weekend only). Press the **-** or **+** **Buttons** to select the desired alarm schedule.
4. Press the **Alarm Button** to confirm the alarm schedule. The wake-to source will flash.
5. Press the **-** or **+** **Buttons** to select the desired wake-to alarm source: Bluetooth, FM radio, Tone or Light Only (no alarm sound).
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).
Wake to Light Only: Press the **Alarm Button** to confirm. Select this mode to wake to silent light only alarm. (You will then skip volume setting and advance to step 9 *Wake to Light* setting.)
6. Press the **Alarm Button** to confirm wake-to source. The alarm volume will flash (unless Wake to Light is set wake to choice, then volume setting is skipped and you are done).
7. Press the **-** or **+** **Buttons** to adjust the alarm volume.
8. Press the **Alarm Button** to confirm alarm volume. The current Wake to Light mode will flash.
9. Press the **-** or **+** **Buttons** to select the desired light mode to wake to (Dawn, Slow Fade, Fast, One Color, Pulse, Sky Gradient, Lamp or Off).
10. 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.
11. To turn off a sounding alarm and reset it to come on the next day at the same time, press the **Power 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).

Snooze/Display Dimmer Bar

1. To program Snooze, touch the **Snooze/Display Dimmer Bar** located at the top rear of the cabinet for 2 seconds 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. Touch the **Snooze/Display Dimmer Bar** to confirm Snooze setting. 2 beeps will sound.
 - While the alarm is sounding, touch the **Snooze/Display Dimmer Bar** 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, touch the **Snooze/Display Dimmer Bar** 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. (Sleep mode can be customized using the free iHome Enhance app.)

1. To set Sleep time, press and release the **Sleep Button** as needed to cycle to the desired sleep duration: 120, 90, 60, 30 or 15 minutes or OFF (turns the unit off). The sleep icon will appear on the display.
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.

When Sleep mode is active, press and release the **Sleep Button** to display remaining sleep time.

FM Radio

Extend the FM antenna for best reception.

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

Using the iBT297

Setting and Using FM Presets

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

1. Press and release the **Mode Button** as needed until the FM indicator icon appears on the display.
2. Press the **-** or **+** **Buttons** to tune the radio to the desired station (hold to scan for the next clear station).
3. *Press and hold* the **Play/Pause Presets Button** to enter Preset setting mode. The display and button will flash
4. Press and release the **-** or **+** **Buttons** as needed until the preset number (P1- P6) you wish to set is displayed.
5. Press and release the **Play/Pause Presets Button**. 2 beeps will sound to confirm the preset has been assigned. Repeat steps 2 - 5 until you have set up to 6 preset stations.
6. To listen to a preset FM station at any time, turn on FM radio mode and press the **Play/Pause Presets Button** to 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** for 10 seconds 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 and release the **Mode Button** to exit frequency setting mode. 2 beeps will confirm setting.

Using the iBT297

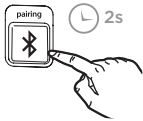
Pairing Your Bluetooth Device

Pairing is the set-up process to introduce your Bluetooth-capable device to the iBT297. Once your device is paired, the iBT297 can recognize it and you can play your audio through it.

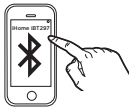
1. Turn on your Bluetooth device and make it “discoverable” by turning on Bluetooth mode (check in Options or Settings).




2. Press and release the **Mode Button** as needed until the “BT” indicator icon appears on the display.



3. *Press and hold* the **Bluetooth Pairing Button** located on the back of the unit for 2 seconds. The iBT297 cabinet will flash blue and red, a voice prompt will announce “PAIRING” and the Bluetooth  icon and “PAIR” will flash on the display, indicating the iBT297 is in pairing mode.



4. “iHome iBT297” should appear in your device’s Bluetooth menu. Select “iHome iBT297” to connect it. If prompted for a passcode, enter “1234” on your device.

5. When pairing is successful, a voice prompt will announce “CONNECTED”, the Bluetooth icon  will appear solid, cabinet lights will flash blue two times, indicating the iBT297 is ready to play music. There should also be an indication on your device. If no device is successfully paired within 3 minutes the iBT297 will default to previous mode. Once the iBT297 is paired to a device, when powered on and in Bluetooth mode, it will attempt to autolink when the device is within range (about 33 feet). To reset Bluetooth, *press and hold* the **Bluetooth Pairing Button** for 10 seconds.

Using the iBT297

Playing Audio via Bluetooth

1. Press and release the **Mode Button** as needed until the “BT” indicator icon appears on the display.
2. Press the **▶|| Play/Pause/Presets Button** on the unit to play, pause and resume play of audio from your linked Bluetooth device.
3. Press the **- Button** to go to the previous track (or start of current track). Press the **+ Button** to advance to the next track.
4. Press the **◀** or **▶▶ Buttons** to adjust the volume on the unit. You may need to adjust the volume on your device, too.
5. When done listening, press the **Power 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.

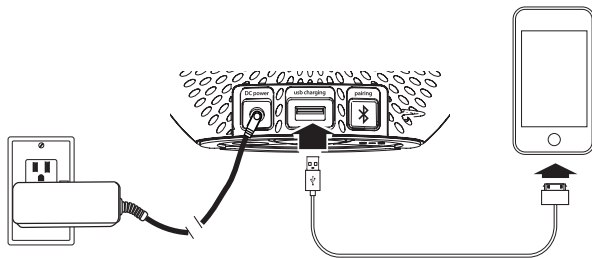
1. When a call is received, playing music is muted to hear the ring tone and the cabinet flashes green. “CALL” will flash on the display. Adjust call volume on your device and/or on the unit as needed.

Press the **📞 Voice Button** to answer the call; press the **▶|| Play/Pause/Presets Button** to ignore the call or to end an active call. Press the **📞 Voice Button** to answer a second call and place the first on hold (press again to switch between calls).

Using the iBT297

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

Using the iBT297


Color Change Mode

Press and release the **Color Mode 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
- 1-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
- LAMP:** Changes colors to warm white light for maximum illumination
- 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

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  **Voice Button** for 2 seconds and wait for beep to activate voice control with Siri or Google Now. "CALL" will flash on the display. *Short press* to seek forward.

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.

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. **Service** – 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

iBT297

FCC ID: EMOIBT297

IC: 986B-IBT297

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

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.

Troubleshooting

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 iBT297.
- 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 iBT297

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 33 feet). To pair with a different device follow pairing instructions on page 12.
- 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. 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**