iHome.

Model: iBT290

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

⏰⏰
10:09 PM
6:30AM

iHome

instruction manual

iBT290

Introduction

Thank you for purchasing the iHome iBT290. This product is designed to provide high quality wireless sound for your 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.
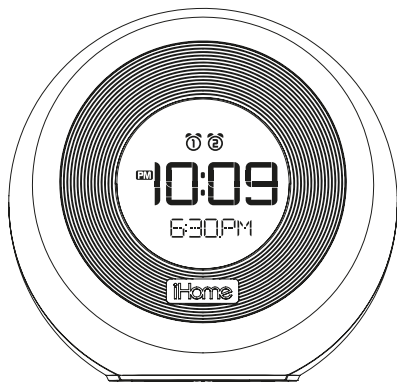
Table of Contents

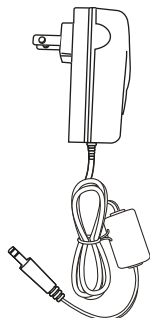# iBT290

Included

- iBT290 system
- 100V-240V universal AC adaptor

iBT290

power adaptor

Meet Your iBT290

iBT290

Top

Power/Alarm Reset Button
Press to turn unit ON or OFF,
reset alarm when sounding

**Answer Call and
Forward/ Plus Settings Button**
Press to raise selected setting

Color Button
Press to cycle color settings

**End Call and
Reverse/Minus Settings Button**
Press to lower selected setting

Time Set/Sleep Button
Press for sleep timer
Press and hold for time setting

snooze | dimmer

Mode Button
Press to select Bluetooth,
Radio or Aux mode

Snooze/Dimmer Button
Press to silence alarm for selected time
Press to adjust brightness during standard operation
(not during alarm mode)

Alarm 1 Button
Set and arm/disarm Alarm 1

Alarm 2 Button
Set and arm/disarm Alarm 2

Raise Volume Button
Raise volume

Lower Volume Button
Lower volume

Play/Pause and Presets Button
Play/pause Bluetooth audio,
Set and select FM radio presets

Bluetooth Pairing Button
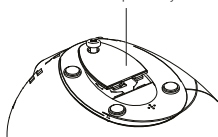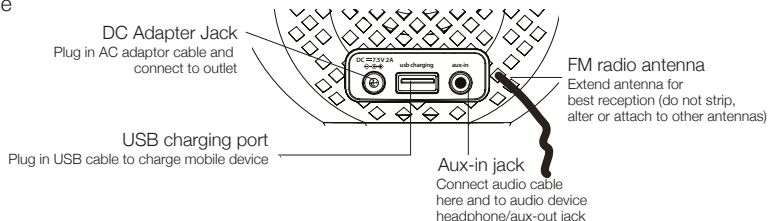Press and hold to pair Bluetooth device

Bottom

Remove pull tab before use
Backup Battery Compartment
Access backup battery

Back

DC Adapter Jack
Plug in AC adaptor cable and
connect to outlet

DC 7.5V 2A
usb charging
aux-in

FM radio antenna
Extend antenna for
best reception (do not strip,
alter or attach to other antennas)

USB charging port
Plug in USB cable to charge mobile device

Aux-in jack
Connect audio cable
here and to audio device
headphone/aux-out jack

4

The Display

Aux mode indicator

Bluetooth Pairing indicator

Low Backup Battery indicator

FM radio mode indicator

PM indicator

AM indicator

Alarm 1 and 2 indicators
Alarm is armed and will sound at set time

SLEEP
WAKE-TO

Sleep mode indicator
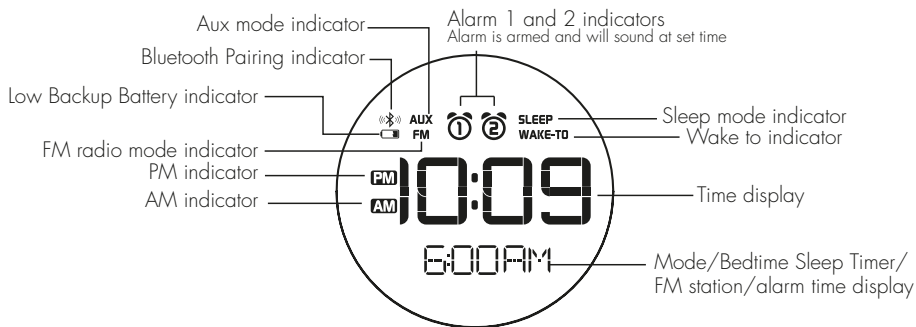Wake to indicator

Time display

Mode/Bedtime Sleep Timer/
FM station/alarm time display
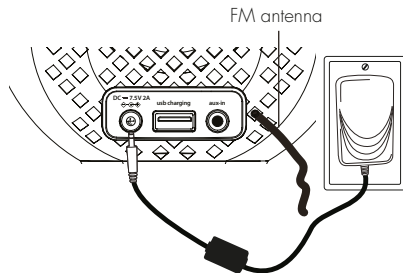
Setting Up the Unit

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. Remove battery pull tab.

CR2450 3V battery is installed for battery backup in the backup battery compartment located on the bottom of the unit. See page 13 for deatails on installing and replacing backup batteries.

FM antenna

Using the iBT290

Setting the Time

1. *Press and hold* the **Time Set/Sleep** Button for 2 seconds. "CLOCK" will appear in the bottom of the display, the time will flash and a beep will sound. Press the **–** or **+** Button to set the correct time (press and hold for rapid setting). Remember 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/Sleep** Button. The year will flash. Press the **–** or **+** Button to set the correct year.
3. Press the **Time Set/Sleep** Button again. The date will flash. Press the **–** or **+** Button to set the correct date (press and hold for rapid setting).
4. Press the **Time Set/Sleep** Button again. "DST ON" will appear in the bottom of the display. DST ON indicates the unit is in automatic Daylight Saving Time adjust mode and will automatically adjust the time at the start and end of Daylight Saving Time in March and November. Press the **–** or **+** Button to set unit to "DST OFF" if you are in a location that does not observe Daylight Saving Time.

TIP: Press either the ① or ② 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.

5. Press the **Time Set/Sleep** Button again (or no button press within 10 seconds) to exit the clock setting mode. 2 beeps will confirm clock setting is complete.

Setting and Using the Alarm

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

Setting the Alarms

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

1. Press and hold the ① or ② 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). Remember 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 weekends).

Setting and Using the Alarm (Continued)

3. Press and release the **Alarm** Button again to confirm the alarm schedule. The wake to icon and the current alarm source will flash. Press the **–** or **+** Button as needed to select to set the alarm wake-to source: BT, FM radio or Tone.
   To Wake to Bluetooth: You will wake to the currently linked Bluetooth device. If no device is detected, the alarm will default to buzzer.
   To Wake to FM radio: The default wake to source is the current FM radio station. Press the **Alarm** Button to confirm Radio as alarm source, 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 **Play/Pause/Preset** Button to cycle to the desired preset (see page 8 for details on setting presets).
   To wake to Tone: Press the **Alarm** Button to confirm Tone as alarm source, then press and release the **–** or **+** Button as needed to preview and cycle through the four tones.
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 color LED wake cycle: Dawn (amber fade leading up to alarm time), Flash (flashing red while alarm sounds), Glow (glowing color sequence while alarm sounds) or None (no wakeup LED effect).
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.

Operating the Alarms

At the set time, the alarm will sound for up to one (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 ⏻ Button. The alarm sound will stop but the alarm icon will remain in the display, indicating the alarm is armed.

2. Press and release the **Alarm** Button during normal operation (alarm is not sounding) to preview the current alarm time, arm the alarm (alarm ⏰ icon is present) or to cancel it (no alarm icon).

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

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 select 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 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 autoscan/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.

8

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 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.

Color Change Mode

Color Change Mode can be accessed whether the unit is ON or OFF. There are 4 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.
- 1 COLOR   Select the last color. **NOTE: To manually cycle to a desired color, press and release the − or + Button as needed while the unit is OFF (this function is not available while the unit is ON).**
- NONE   Turns off cabinet color effect.

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 backlight and cabinet LED.

Bedtime Sleep Mode

This unit has a **Bedtime Sleep** feature which gradually lowers the volume of playing audio over a set time then turns off.
1. Press and release the **Time Set/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 effect normal or alarm volume settings.
3. During sleep mode, press the **Time Set/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.

Pairing Your Device Via Bluetooth

Whenever AC power is connected, the iBT290 will attempt to autolink to a previously paired device.

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

2. Press the ⏻ Button to turn on the iBT290.

3. Press the **Mode Button** to cycle to Bluetooth mode, indictaed by "BT" on the display"

4. *Press and hold* the ✻ **Pairing Button** on top of the iBT290 for 2 seconds. The iBT290 will beep and "PAIR" will flash on the display, indicating the iBT290 is in pairing mode.

   "iHome iBT290" should appear in your device's Bluetooth menu. Select "iHome iBT290" to connect it. If prompted for a passcode, enter "1234" on your device's keypad.

5. If pairing is successful, "PAIRED will appear on the display,2 beeps will sound and the cabinet will flash blue twice, indicating the iBT290 is ready to play music. There should also be an indication on your device. If no device is successfully paired within 3 minutes the iBT290 will default to previous mode. Once the iBT290 is paired to a device, it will attempt to autolink when the device is within range (about 33 feet).

Playing Audio Via Bluetooth

1. Press the ⏻ **Button** to turn the unit ON.
2. Press and release the **Mode Button** as needed to select Bluetooth mode ("BT"appears on the display).
3. Press the ▶II **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.
6. When done listening, press the ⏻ **Button** to turn the unit off.
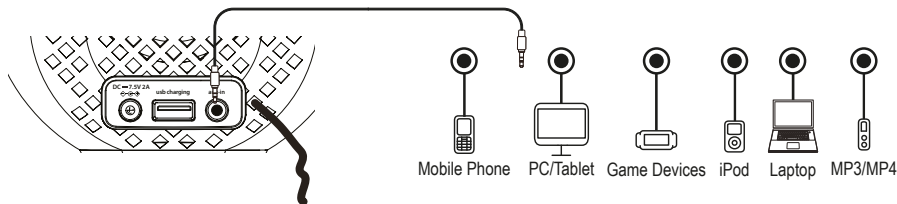
Using the Speakerphone feature

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 and the cabinet will flash green.

   Press the ☎ **Talk Button** to answer the call; *press and hold* 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/End Button** to switch between the calls.

2. When a call is completed, press the ⚊ **End Button** to end the call and resume previous function. The cabinet will flash red and "END" will appear on the display.

Using the iBT290

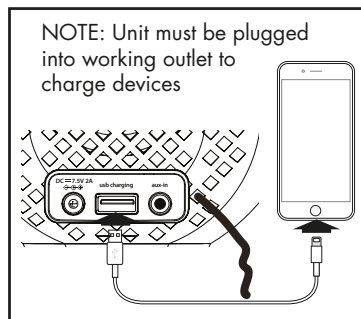## Playing your Aux Audio Device

1. Connect one end of a standard aux audio cable (not included) 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 🔊)) **Buttons** 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.

Mobile Phone   PC/Tablet   Game Devices   iPod   Laptop   MP3/MP4

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.

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

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.
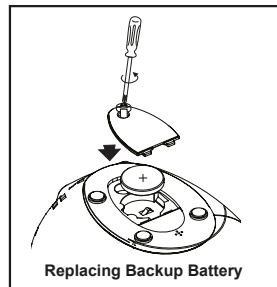

Replacing Backup Battery

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 bottom 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 metalobjects, mix with used or other battery types, or store with hazardous or combustible materials. Store incool, dry, ventilated area. Follow applicable laws and regulations for transport and disposal.

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 iBT290.
- 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 iBT290

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, 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 6 seconds. A long beep will sound.

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

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

iBT290

FCC Radiation Exposure Statement

FCC ID: EMOIBT290
IC: 986B-IBT290

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 license. 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.

iHome.

Model: iBT290

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

ひ ざ
10:09
6:30AM
iHome

instruction manual

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