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iHome iBN20GC

iHome iBN20GC Bluetooth Wireless FM Clock Radio with USB Charging - User Manual

Model: iBN20GC | Brand: iHome

Introduction

The iHome iBN20GC is a versatile Bluetooth wireless FM clock radio designed to enhance your audio experience and simplify your daily routine. It allows for wireless digital audio streaming from various Bluetooth-enabled devices, including iPhones, iPads, Android devices, and Blackberries. Featuring Reson8 speaker technology for clear and powerful sound, a USB port for convenient device charging, and an Aux line-in jack for wired connections, this unit offers multiple functionalities in a compact design. You can wake up or fall asleep to your favorite Bluetooth audio, FM radio, or built-in alarm tones.

Important Safety Instructions

Please read and follow all instructions carefully before operating the unit. Keep this manual for future reference. Adhere to all warnings on the product and in the operating instructions. Do not use this product near water or moisture. Clean only with a dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Do not install near any heat sources. Protect the power cord from being walked on or pinched. Only use attachments/accessories specified by the manufacturer. Unplug this apparatus during lightning storms or when unused for long periods of time. Refer all servicing to qualified service personnel.

Package Contents

- iHome iBN20GC Unit
- AC Power Adapter
- User Manual (this document)

Controls and Indicators

Figure 1: Front and Top View of the iHome iBN20GC

The image displays the iHome iBN20GC unit from a slightly elevated front-right perspective. The main digital display shows the time "10:09 PM" with a Bluetooth icon indicating connectivity. Below the display is a large speaker grille. The

top panel features various control buttons, including 'mode', 'play/pause', 'sleep', 'alarm', and volume controls. The overall color scheme is gunmetal gray with a black speaker grille.

Top Panel Controls:

- **Power Button:** Turns the unit on/off.
- **Alarm Set:** Used to set the alarm time.
- **Alarm On/Off:** Activates or deactivates the alarm.
- **Wake-to:** Cycles through wake-up sound options (Bluetooth, FM, Tone).
- **Radio:** Switches to FM radio mode.
- **Bluetooth:** Initiates Bluetooth pairing.
- **Snooze/Display Dimmer:** Snoozes the alarm or adjusts display brightness.
- **Volume +/-:** Adjusts the audio volume.
- **Talk/End Call:** For hands-free calling via Bluetooth.
- **USB Charge Port:** Located on the top rear, for charging external devices.

Rear Panel Connections:

- **DC 9V 2A Input:** For connecting the AC power adapter.
- **FM Antenna:** Wire antenna for FM radio reception.
- **Aux Line-In Jack:** 3.5mm input for connecting external audio devices.
- **Clock Adjust/Time Set/Time Zone/DST:** Buttons for time configuration.

Setup

1. Power Connection

Connect the supplied AC power adapter to the DC 9V 2A input jack on the back of the unit and plug the other end into a working wall outlet. The unit is now ready for operation.

2. Battery Backup

The iBN20GC includes a Lithium Ion battery for backup power. This battery maintains clock and alarm settings during a power outage. Ensure the unit is connected to AC power for the battery to charge and function as backup.

3. Setting the Clock/Time

1. Press and hold the **Time Set** button located on the rear panel. The time display will begin to flash.
2. Use the **+** or **-** buttons on the top panel to adjust the hour. Press **Time Set** again to confirm the hour.
3. Use the **+** or **-** buttons to adjust the minute. Press **Time Set** again to confirm the minute.
4. To adjust the time zone, press the **Time Zone** button on the rear panel.
5. To enable or disable Daylight Saving Time (DST), press the **DST** button on the rear panel.

4. FM Antenna

Extend the FM wire antenna on the back of the unit to its full length for optimal FM radio reception. Adjust its position if necessary to improve signal quality.

Operating Instructions

Bluetooth Pairing

1. Press and hold the **Bluetooth** button on the top panel. The unit will automatically enter pairing mode, indicated by a flashing Bluetooth icon on the display.
2. On your Bluetooth-enabled device (e.g., smartphone, tablet), go to its Bluetooth settings and select "iBN20GC" from the list of available devices.
3. If prompted for a code, enter "1234".
4. Once connected, the Bluetooth icon on the iBN20GC display will become solid, and you can stream music from your device wirelessly.

FM Radio Operation

1. Press the **Radio** button to switch to FM radio mode.
2. Use the **+** or **-** buttons to manually tune to a desired FM frequency.
3. To auto-scan for the next available station, press and hold the **+** or **-** buttons.
4. To set a radio preset (up to 6 stations), tune to the desired station, then press and hold the **Alarm Set** button until the preset number flashes. Use the **+** or **-** buttons to select a preset number, then press **Alarm Set** again to save.

Alarm Functions

1. **Setting the Alarm:** Press the **Alarm Set** button. Use the **+** or **-** buttons to set your wake-up time. Press **Alarm Set** to confirm.
2. **Wake-to Options:** Press the **Wake-to** button to cycle through options: Bluetooth audio, FM radio, or a built-in tone.
3. **Alarm On/Off:** Press the **Alarm On/Off** button to activate or deactivate the alarm. An alarm icon will appear on the display when active.
4. **Snooze:** When the alarm sounds, press the large **Snooze** button to temporarily silence it for a few minutes.

USB Charging

Connect your USB charging cable (not included) to the USB Charge Port on the top rear of the iBN20GC. Connect the other end of the cable to your smartphone, tablet, or other USB-powered device to charge it.

Aux Line-In

Connect an audio cable (not included) from the headphone jack or line-out of your external audio device to the Aux Line-In jack on the back of the iBN20GC. Press the **Mode** button on the top panel until "AUX" appears on the display. Audio from your external device will now play through the iBN20GC speakers.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosol sprays.
- **Storage:** If storing the unit for an extended period, disconnect it from the power outlet and store it in a cool, dry place.
- **Battery Care:** The internal Lithium Ion battery is not user-replaceable. Do not attempt to open the unit.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Unit does not turn on.	Power adapter not connected or outlet is not working.	Ensure the power adapter is securely connected to the unit and a live wall outlet. Try a different outlet.
No sound from speakers.	Volume is too low; incorrect mode selected; Bluetooth not connected.	Increase volume. Ensure correct mode (Bluetooth, FM, Aux) is selected. Re-pair Bluetooth device if necessary.
Bluetooth device won't pair.	Unit not in pairing mode; device too far; previously paired device connected.	Press and hold Bluetooth button to enter pairing mode. Move device closer. Disconnect from other Bluetooth devices.
FM radio reception is poor.	Antenna not extended or positioned correctly.	Fully extend and reposition the FM wire antenna for better signal.
Alarm does not sound.	Alarm not set or not enabled; volume too low.	Verify alarm time is set and alarm is enabled (alarm icon visible). Increase alarm volume.

Specifications

Feature	Detail
Brand	iHome
Model Number	iBN20GC
Color	Gunmetal
Display Type	Digital
Special Feature	Radio
Power Source	Battery Powered
Material	Metal
Frame Material	Metal
Batteries Included	Yes (1 Lithium Ion battery required, included)
Mounting Type	Tabletop
Item Weight	1.38 Pounds
Alarm Clock	Yes
Operation Mode	Electrical
Product Dimensions	4.37 x 4.77 x 5.47 inches
Manufacturer	Sound Design, Inc.
UPC	047532902440

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official iHome website. Keep your proof of purchase for any warranty claims.

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