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iGear iG-1112

iGear Trinity Solar-Powered MP3 Player & 3-Band Radio User Manual

Model: iG-1112

1. Introduction

Thank you for purchasing the iGear Trinity Solar-Powered MP3 Player & 3-Band Radio. This device combines a classic FM/AM/SW radio with a modern MP3 player and Bluetooth speaker, offering versatile audio entertainment. It features multiple connectivity options, including Bluetooth, USB, and TF/SD card support, and is powered by a 1200mAh rechargeable battery with integrated solar charging capabilities. Please read this manual carefully to ensure proper use and maintenance of your device.



Figure 1: iGear Trinity device, front view.
This image shows the iGear Trinity radio in a silver finish, highlighting its retro-modern design with a prominent speaker grille, tuning dial, and control buttons on the front panel. A carrying handle is visible at the top.

2. Important Safety Instructions

- Do not expose the device to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not disassemble or attempt to repair the device yourself. Refer all servicing to qualified personnel.
- Keep the device away from direct sunlight for prolonged periods when not in use to prevent battery damage.
- Use only the specified charging voltage and current.
- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.

3. Package Contents

Please check the box for the following items:

- iGear Trinity Solar-Powered MP3 Player & 3-Band Radio
- Owner's Manual

4. Product Overview

Familiarize yourself with the various parts and controls of your iGear Trinity device.



Figure 2: Front Panel Controls.

This image displays the front of the iGear Trinity radio, showing the speaker grille, the large circular tuning dial at the bottom center, and a row of buttons above it for playback control (previous, next, mode, play/pause). The radio frequency display is located above these buttons.



Figure 3: Side Panel Controls and Ports.
This image shows the right side of the iGear Trinity radio, detailing the various ports and switches. From top to bottom, it includes a DC 5V IN port for charging, a CHARGE indicator light, a volume knob, a three-way switch for OFF/MUSIC/FM/AM/SW mode selection, a USB port, and a TF/SD card slot.

4.1. Front Panel

- **Frequency Display**: Shows current radio frequency.
- **Previous/Rewind Button**: Skips to previous track or rewinds.
- **Next/Fast Forward Button**: Skips to next track or fast forwards.
- **MODE Button**: Switches between Bluetooth, USB, TF, and Radio modes.
- **Play/Pause Button**: Plays or pauses audio playback.
- **Tuning Dial**: Used to manually tune radio frequencies.

4.2. Side Panel

- **DC 5V IN Port**: For charging the device using a USB cable.
- **CHARGE Indicator**: Lights up when the device is charging.
- **Volume Knob**: Rotates to adjust the audio volume.
- **Power/Mode Switch**: Turns the device ON/OFF and selects between MUSIC (Bluetooth/USB/TF), FM, AM, and SW radio bands.

- **USB Port**: For connecting USB flash drives for MP3 playback.
- **TF/SD Card Slot**: For inserting TF/SD memory cards for MP3 playback.

4.3. Top Panel

- **Solar Panel**: For charging the internal battery using sunlight.
- **Telescopic Antenna**: Extend for better radio reception.

5. Setup

5.1. Initial Charging

Before first use, it is recommended to fully charge the iGear Trinity. Connect a USB charging cable (not included) to the DC 5V IN port on the side of the device and the other end to a USB power adapter (e.g., phone charger) or a computer USB port. The CHARGE indicator light will illuminate during charging and turn off when fully charged.

5.2. Inserting Storage Media

If you wish to play MP3 files from a USB drive or TF/SD card:

- **USB Drive**: Insert the USB flash drive into the USB port on the side panel.
- **TF/SD Card**: Insert the TF/SD card into the TF/SD card slot on the side panel with the metal contacts facing down.

6. Operating Instructions

6.1. Power On/Off and Volume Control

- To turn the device **ON**, slide the Power/Mode switch to any desired mode (MUSIC, FM, AM, SW).
- To turn the device **OFF**, slide the Power/Mode switch to the OFF position.
- Rotate the **Volume Knob** to increase or decrease the audio level.

6.2. Radio Operation (FM/AM/SW)



Figure 4: Radio Mode with Extended Antenna.
This image highlights the iGear Trinity radio in use for radio reception, with its telescopic antenna fully extended for optimal signal. The front panel clearly shows the FM, AM, and SW frequency ranges.

1. Extend the telescopic antenna for better reception, especially for FM and SW bands.
2. Slide the Power/Mode switch to FM, AM, or SW.
3. Rotate the **Tuning Dial** on the front panel to search for radio stations. The frequency will be displayed.
4. Adjust the antenna position for the clearest signal.

6.3. Bluetooth Mode

1. Slide the Power/Mode switch to the MUSIC position.
2. Press the **MODE** button repeatedly until you hear an audible prompt indicating Bluetooth mode.
3. On your smartphone or other Bluetooth device, enable Bluetooth and search for available devices.
4. Select **"iGear Trinity"** from the list to pair. Once paired, you will hear a confirmation sound.

5. You can now play audio from your connected device. Use the Previous/Next/Play/Pause buttons on the iGear Trinity or your connected device to control playback.

6.4. USB/TF Card MP3 Playback

1. Ensure a USB drive or TF/SD card with MP3 files is inserted into the corresponding port/slot.
2. Slide the Power/Mode switch to the MUSIC position.
3. The device will automatically detect the storage media and begin playing MP3 files. If it doesn't, press the **MODE** button to cycle through input sources until USB or TF mode is active.
4. Use the **Previous**/**Next** buttons to skip tracks and the **Play**/**Pause** button to pause or resume playback.

7. Charging the Device

The iGear Trinity can be charged via USB or its integrated solar panel.

7.1. USB Charging

Connect a USB charging cable to the DC 5V IN port and a USB power source. The CHARGE indicator will light up. Charging time varies depending on the power source and battery level.

7.2. Solar Charging



Figure 5: Solar Charging in Progress.
This image shows the iGear Trinity radio placed near a window, with sunlight directly hitting its top-mounted solar panel, indicating that the device is actively charging using solar energy.

Place the device in direct sunlight with the solar panel facing upwards. The solar panel will convert sunlight into electricity to charge the internal battery. Solar charging is slower than USB charging and is ideal for maintaining battery life or for emergency charging outdoors.

8. Maintenance

- **Cleaning**: Wipe the device with a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or solvents.
- **Storage**: When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care**: To prolong battery life, avoid fully discharging the battery frequently. Charge it regularly, even if not in use.

9. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on	Battery is depleted.	Charge the device using USB or solar power.
Poor radio reception	Antenna not extended; weak signal area.	Extend the telescopic antenna fully. Try repositioning the device or moving to an open area.
Bluetooth not connecting	Device not in pairing mode; too far from source.	Ensure the device is in Bluetooth mode. Make sure Bluetooth is enabled on your source device. Keep devices within 10 meters.
USB/TF card not playing	Incorrect file format; card/drive not inserted correctly.	Ensure files are in MP3 format. Reinsert the USB drive or TF/SD card. Press MODE to select the correct input.
No sound	Volume too low; device muted.	Increase the volume using the Volume Knob. Check if the source device (if using Bluetooth) is muted.

10. Specifications

Feature	Detail
Model Number	iG-1112
Connectivity Technology	Bluetooth, USB
Radio Bands Supported	AM, FM, SW
Power Source	Battery Powered (1200mAh rechargeable), Solar Charger
Product Dimensions (L x W x H)	19.2L x 7.9W x 12.2H Centimeters
Item Weight	660 Grams
Hardware Interface	USB, TF/SD Card Slot
Compatible Devices	Laptop, MP3 Player, Smartphone
Display Type	LCD or LED
Water Resistance Level	Not Water Resistant

11. Warranty Information

The iGear Trinity comes with a **1-year limited warranty**. This warranty is non-transferable and valid for 1 year from the original date of purchase. The warranty does not cover damage caused due to mishandling, water, fire, or normal wear and tear. Please retain your proof of purchase for warranty claims.

12. Customer Support

For any support inquiries, technical assistance, or warranty claims, please contact:

iGear Tech Private Limited
Goregaon East, Mumbai 400063
Contact: +919324058553

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