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› [garinosen](#) /

› [Emergency Radio Waterproof Bluetooth Speaker User Manual](#)

garinosen DF-580

Emergency Radio Waterproof Bluetooth Speaker User Manual

Model: DF-580 | Brand: garinosen

1. INTRODUCTION

Thank you for purchasing the garinosen Emergency Radio Waterproof Bluetooth Speaker. This versatile device is designed to provide reliable communication, entertainment, and emergency power in various situations, from daily use to outdoor adventures and emergency preparedness. Please read this manual carefully to understand its features and ensure proper operation and maintenance.



The garinosen Emergency Radio, showcasing its waterproof design and ability to charge a smartphone.

2. PRODUCT FEATURES

- Auto Scan Function:** Automatically searches and stores channels for AM/FM and 7 NOAA stations.
- Bluetooth Speaker:** Connects wirelessly to smartphones and tablets for clear audio.
- Rechargeable 5000mAh Battery:** Powers the device and charges external devices via USB.
- Emergency Lighting:** Features a 3W flashlight and foldable reading lamp, with SOS alert functionality.
- Durable and Portable Design:** Built to withstand outdoor conditions, with a compact size and IPX5 waterproof construction.

7W SUPERIOR SOUND CLARITY

- Bluetooth 5.0
- Loud stereo
- Deep bass
- TF card play
- IPX5 waterproof
- Portable



Illustration of the radio's 7W superior sound clarity, highlighting Bluetooth 5.0, loud stereo, deep bass, TF card play, IPX5 waterproof, and portability.

5000mah EMERGENCY BATTERY BACKUP

iPhone12

1.7
charges

radio

30
hours

speaker

20
hours

flashlight

70
days



The radio's 5000mAh battery backup, capable of charging devices like an iPhone 12 (1.7 charges) and providing extended radio (30 hours), speaker (20 hours), and flashlight (70 days) usage.



INSTANT NOAA WEATHER ALERT

Tornadoes Floods Hurricanes Snowstorms Earthquakes etc.

The radio's instant NOAA weather alert feature, crucial for receiving warnings about natural disasters like tornadoes, floods, hurricanes, snowstorms, and earthquakes.

3W PORTABLE FLASHLIGHT

Distance 35M



4 LED READING LIGHT

Light in the darkness



The radio's integrated 3W portable flashlight, capable of illuminating up to 35 meters, and a 4-LED reading light for use in dark environments.



The radio's IPX5 waterproof rating, making it suitable for outdoor use and resistant to splashing water from any direction.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x garinosen Emergency Radio (Model DF-580)
- 1 x USB Type-C Charging Cable
- 1 x User Manual

4. CONTROLS AND COMPONENTS

Familiarize yourself with the various parts and controls of your emergency radio:



Front view of the garinosen Emergency Radio, highlighting its display, speaker, and control buttons.

- **LCD Display:** Shows frequency, battery level, and mode indicators (BT, WB, FM, AM).
- **Power Button (U):** Press and hold to turn on/off. Short press to switch modes.
- **Volume Down / Previous Track Button (-):** Short press for volume down. Long press for previous track/station.
- **Play/Pause / Scan Button (▶):** Short press to play/pause. Long press to auto-scan radio stations.
- **Volume Up / Next Track Button (+):** Short press for volume up. Long press for next track/station.
- **Mode Button (M):** Short press to cycle through AM, FM, WB (Weather Band), and Bluetooth modes.
- **Telescopic Antenna:** Extend for better radio reception.
- **Solar Panel:** For trickle charging in direct sunlight.
- **Hand Crank:** For manual power generation.
- **Flashlight:** Located on one end of the radio.
- **Reading Lamp:** Foldable lamp on the top surface.
- **SOS Button:** Activates emergency alarm and flashlight.
- **USB-C Input Port:** For charging the radio.

- **USB-A Output Port:** For charging external devices.
- **Compass:** Integrated for navigation assistance.

5. SETUP

5.1 Initial Charging

Before first use, it is recommended to fully charge the radio using the USB-C port.

- Connect the provided USB-C cable to the radio's USB-C input port and the other end to a USB power adapter (not included) or a computer USB port.
- The battery indicator on the LCD display will show charging progress.
- A full charge typically takes several hours.

5.2 Alternative Charging Methods



Visual representation of the three primary charging methods: USB Type-C, hand-crank, and solar panel.

- **Hand-Cranked Charging:** Unfold the hand crank and rotate it clockwise or counter-clockwise at a steady pace (approx. 130-150 RPM) for emergency power. One minute of cranking can provide several minutes of radio use or flashlight power.
- **Solar Charging:** Place the radio with the solar panel facing direct sunlight. This method is primarily for maintaining battery charge or for very slow charging in emergency situations. It is not intended for a full charge.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- Press and hold the **U** button for 2-3 seconds to turn the radio on or off.

6.2 Radio Functions (AM/FM/WB NOAA)

- **Mode Selection:** Short press the **M** button to cycle through FM, AM, and WB (Weather Band) modes. The current mode will be displayed on the LCD.
- **Tuning:** In FM or AM mode, short press the **-** or **+** buttons to manually tune to the next available station.
- **Auto Scan:** In FM or AM mode, long press the **▶** button to automatically scan and store available stations.
- **NOAA Weather Band:** In WB mode, the radio will automatically scan for NOAA weather alerts. Ensure the telescopic antenna is extended for optimal reception.
- **Volume Adjustment:** Short press the **-** or **+** buttons to adjust the volume.

6.3 Bluetooth Speaker Mode

- **Entering Bluetooth Mode:** Short press the **M** button until 'BT' appears on the LCD display. The radio will enter pairing mode.
- **Pairing:** On your smartphone or tablet, enable Bluetooth and search for 'DF-580' (or similar name). Select it to pair. A confirmation sound will indicate successful pairing.
- **Playback Control:** Use the **▶** button for play/pause, and long press **-** or **+** for previous/next track.

6.4 Flashlight and Reading Lamp

- **Flashlight:** Press the dedicated flashlight button (usually on the side) to turn the flashlight on/off.
- **Reading Lamp:** Lift the foldable reading lamp from the top of the radio to activate it. Fold it back down to turn it off.

6.5 SOS Alarm Function

- Press the **SOS** button (usually located near the solar panel) to activate a loud siren and flashing flashlight for emergency signaling.
- Press the **SOS** button again to deactivate the alarm.

6.6 Power Bank Function

- Connect your smartphone or other USB-powered device to the radio's USB-A output port using your device's charging cable.
- The radio's internal 5000mAh battery will begin charging your connected device.

7. CARE AND MAINTENANCE

- Cleaning:** Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- Battery Care:** To prolong battery life, fully charge the radio at least once every three months, even if not in use. Avoid completely draining the battery frequently.
- Water Resistance:** While IPX5 waterproof, avoid submerging the radio in water. Ensure all port covers are securely closed to maintain water resistance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	Battery is depleted.	Charge the radio using the USB-C cable, hand crank, or solar panel.
Poor radio reception.	Antenna not extended or weak signal area.	Fully extend the telescopic antenna. Try moving to an open area or near a window.
Bluetooth pairing fails.	Radio not in pairing mode; device too far; previously paired.	Ensure radio is in BT mode. Keep devices within 10 meters. Forget device on your phone and re-pair.
Cannot charge external devices.	Radio battery too low; incorrect cable; device not compatible.	Ensure radio has sufficient charge. Use a proper USB-A to device cable. Check device compatibility.
Hand crank or solar charging is slow.	These are emergency charging methods.	This is normal. For faster charging, use the USB-C port.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	DF-580
Brand	garinosen
Dimensions (L x W x H)	16.51 x 4.57 x 7.62 cm
Weight	435.45 g

Feature	Specification
Battery Capacity	5000mAh Lithium Polymer
Charging Input	USB Type-C, Hand Crank, Solar Panel
Power Output	USB-A (for charging external devices)
Radio Bands	AM, FM, 7 NOAA Weather Bands
Bluetooth Version	Bluetooth 5.0 (implied by "Bluetooth Speaker" feature and common standards)
Speaker Output Power	7 Watts
Flashlight Power	3W
Water Resistance	IPX5
Material	Acrylonitrile Butadiene Styrene (ABS)

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or contact customer support for specific warranty terms and duration.

10.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact garinosen customer support through the following channels:

- Online Support:** Visit the official garinosen store on Amazon:[garinosen Amazon Store](#)
- Email:** Refer to your purchase documentation for direct email support.

When contacting support, please have your product model (DF-580) and purchase details ready.