Libovgogo DF-580B

Libovgogo DF-580B Emergency Radio User Manual

Model: DF-580B

1. Introduction

The Libovgogo DF-580B is a versatile emergency radio designed for reliability in various situations. It integrates AM/FM radio reception, multiple power sources including solar and hand crank, a powerful 5000 mAh power bank, an LED flashlight, a reading lamp, and an SOS alarm. This manual provides detailed instructions for the proper use and maintenance of your device.



Image 1.1: The Libovgogo DF-580B Emergency Radio highlighting its various functions.

2. Package Contents

Verify that all items are present in the package:

- 1 x Libovgogo DF-580B Emergency Radio
- 1 x USB-C Charging Cable
- 1 x Carabiner
- 1 x User Manual (English)

3. Component Identification

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



Image 3.1: Labeled diagram of the Libovgogo DF-580B Emergency Radio components.

1. **Antenna:** Extendable for improved radio signal reception.
2. **Solar Panel:** For supplementary charging in sunlight.
3. **Hand Crank:** For manual power generation.
4. **Compass:** Integrated for basic directional guidance.
5. **Carabiner:** Attachment point for portability.
6. **Flashlight Button:** Activates the LED flashlight.
7. **Flashlight:** Front-facing LED light.
8. **Mode Display:** Digital screen showing frequency, battery, and mode.
9. **Battery Indicator:** Displays current battery charge level.
10. **Speaker:** Audio output for radio and alarm.
11. **Mode Switch (AM/FM):** Button to cycle between AM and FM radio bands.
12. **Volume / Station Buttons (+/-):** Short press to change stations, long press to adjust volume. Double click for automatic station search.

13. **Power Button:** Press and hold for 3 seconds to power on/off. Short press to mute.
14. **USB-C Input:** For charging the radio via USB-C cable.
15. **USB-A Output:** For charging external devices (power bank function).
16. **SOS Button:** Activates the emergency alarm.
17. **Reading Lamp:** Located under the solar panel, illuminates when opened.

4. Setup and Charging

Before first use, fully charge the radio using the USB-C cable.

4.1. Charging Methods

- **USB-C Charging:** Connect the provided USB-C cable to the radio's USB-C input port and a standard USB power adapter (not included). The battery indicator on the display will show charging progress. This is the primary and most efficient charging method.
- **Hand Crank Charging:** Extend the hand crank from the back of the radio. Rotate the crank clockwise or counter-clockwise at a steady pace (approximately 130-150 revolutions per minute) to generate power. This method is for emergency power generation.
- **Solar Panel Charging:** Place the radio with the solar panel facing direct sunlight. The solar panel provides supplementary charging and helps maintain battery life. It is not intended as the primary charging method for a fully depleted battery. A small red LED light will appear on the display when solar charging is active.



Image 4.1: Illustration of the various power input methods for the Libovgogo DF-580B.

5. Operating Instructions

5.1. Power On/Off

- To power on the radio, press and hold the **Power Button** for 3 seconds.
- To power off, press and hold the **Power Button** again for 3 seconds.
- During operation, a short press of the **Power Button** will mute the audio. Press again to unmute.

5.2. Radio Operation (AM/FM)

- **Select Band:** Press the **Mode Switch (M)** button to switch between AM and FM bands. The selected band will be displayed on the screen.
- **Auto Scan:** To automatically scan and save available stations, press and hold the **Play/Scan Button** (center button). The radio will scan and store stations.
- **Manual Tuning / Station Selection:** Short press the **+** or **-** buttons to navigate through saved stations or manually tune the

frequency.

- **Automatic Station Search:** Double-click the **+** or **-** buttons to automatically search for the next available station in that direction.
- **Volume Adjustment:** Press and hold the **+** or **-** buttons to increase or decrease the volume.
- **Antenna:** For optimal reception, extend the telescopic antenna fully.



Image 5.1: The Libovgogo DF-580B in use as a portable AM/FM radio.

5.3. Flashlight and Reading Lamp

- **Flashlight:** Press the **Flashlight Button** located on the side of the radio to turn the flashlight on or off.
- **Reading Lamp:** Lift the solar panel to reveal and activate the reading lamp. Close the solar panel to turn it off.



Image 5.2: The Libovgogo DF-580B demonstrating its various lighting modes.

5.4. SOS Alarm

- To activate the SOS alarm, press and hold the **SOS Button** (located on the bottom, under a silicone cover) for 3 seconds. The alarm will sound loudly (110 dB) and a red LED light will flash.
- To deactivate the alarm, short press the **SOS Button** again.



Image 5.3: The Libovgogo DF-580B's SOS alarm function and other robust features.

5.5. Power Bank Function

- The radio features a 5000 mAh internal battery that can be used to charge external devices.
- Connect your mobile phone, tablet, or other compatible device to the radio's **USB-A Output Port** using your device's charging cable.
- The radio will begin charging the connected device.

6. Maintenance and Care

- Clean the radio with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure all port covers are securely closed to maintain IPX5 splash protection.
- Store the radio in a cool, dry place when not in use.
- For optimal battery health, charge the radio fully at least once every three months if stored for extended periods.

7. Troubleshooting

- **No Power:** Ensure the radio is charged. Try charging via USB-C, hand crank, or solar panel.
- **Poor Radio Reception:** Extend the antenna fully. Try repositioning the radio. Ensure you are within range of broadcast signals.
- **Flashlight/Reading Lamp Not Working:** Check battery level. Ensure the solar panel is fully open for the reading lamp.
- **External Device Not Charging:** Ensure the radio has sufficient battery charge. Verify the USB cable connection.
- **Radio Unresponsive (Reset):** If the radio becomes unresponsive, locate the reset pinhole (often near the charging ports or under the solar panel) and gently insert a thin object (like a paperclip) to press the reset button.

8. Specifications

Feature	Specification
Model	DF-580B
Radio Bands	AM: 520-1710 KHz, FM: 76.0-108.0 MHz
Power Sources	Hand Crank, Solar Panel, USB-C (Corded Electric), Lithium Polymer Battery
Battery Capacity	5000 mAh Lithium Polymer
Speaker Output	7 Watts
Flashlight Range	Approx. 35 meters
SOS Alarm Volume	110 dB
Water Resistance	IPX5 (Splash Protection)
Connectivity	USB 2.0 Type A (Output), USB 3.0 Type C (Input)
Material	ABS + TPU
Dimensions (H x W x D)	16.5 x 4.5 x 7.5 cm
Weight	495 g

9. Support

For any questions regarding your Libovgogo DF-580B Emergency Radio, please contact our customer support. We are committed to ensuring customer satisfaction with our products and services.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question