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FOSSIBOT F110L

FOSSIBOT F110L Rugged Smartphone User Manual

Model: F110L

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your FOSSIBOT F110L rugged smartphone. Please read it thoroughly before operating the device.



Image 1: FOSSIBOT F110L Rugged Smartphone, front and back view.

Key Features Overview

- **Massive 10000mAh Battery:** Offers extended usage with 20W fast charging and OTG reverse charging capabilities.
- **Extreme Durability:** IP68 & IP69K rated for dust and water resistance, and MIL-STD-810H certified for drop protection.
- **Loud Stereo Speaker:** 128dB high-output speaker for clear audio in noisy environments.
- **Advanced Triple Camera System:** Features a 50MP main camera, 8MP front camera, and 5MP macro camera.
- **Smooth Performance:** Powered by an Octa-Core UMS T615 processor with 12GB RAM (4GB physical + 8GB virtual) and Android 15 OS.
- **Connectivity:** Supports Dual 4G SIM, NFC, and features face & side fingerprint unlock.

2. SETUP

2.1 Unboxing and Package Contents

Carefully unpack your FOSSIBOT F110L smartphone and verify all contents. The standard package includes:

- Rugged Smartphone x 1
- Charger x 1
- USB Cable x 1
- TP Screen Protector (Pre-applied) x 1
- SIM Card Ejector x 1
- User Manual x 1
- Packaging Box x 1

Standard Package:

- Rugged Smartphone x1
- Charger x1
- Micro USB Cable x1
- TP Screen Protector (Pre-applied) x1
- SIM Card Ejector x1
- User Manual x1
- Packaging Box x1

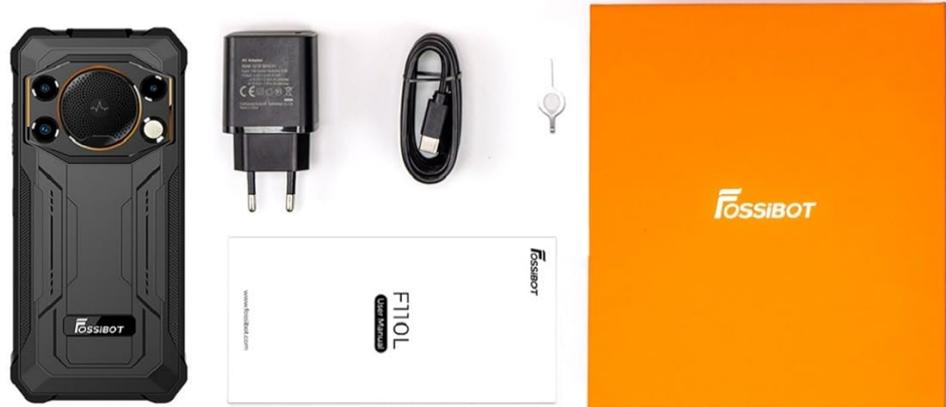


Image 2: Contents of the FOSSIBOT F110L standard package.

2.2 SIM Card and Storage Installation

The FOSSIBOT F110L supports Dual 4G SIM (nano + nano) or one nano SIM with a TF card (up to 2TB). Use the provided SIM ejector tool to open the SIM tray.

1. Locate the SIM tray on the side of the device.
2. Insert the SIM ejector tool into the small hole next to the tray and press gently until the tray pops out.
3. Place your nano SIM card(s) and/or TF card into the designated slots on the tray. Ensure correct orientation.
4. Carefully push the tray back into the device until it is flush with the side.



Image 3: Illustration of SIM and MicroSD card installation.

2.3 Initial Charging and Power On

Before first use, fully charge your FOSSIBOT F110L. Use the provided charger and USB cable.

1. Connect the USB cable to the charger and then to the phone's USB Type-C port.
2. Plug the charger into a power outlet.
3. Once fully charged, press and hold the power button (located on the side) until the FOSSIBOT logo appears.
4. Follow the on-screen prompts to complete the initial setup of Android 15.



Image 4: The FOSSIBOT F110L connected to a charger via USB-C.

3. OPERATING INSTRUCTIONS

3.1 Android 15 Operating System

Your FOSSIBOT F110L runs on Android 15, offering optimized performance, enhanced privacy, and an improved user experience. Navigate using touch gestures, access apps from the home screen or app drawer, and customize settings via the notification panel.

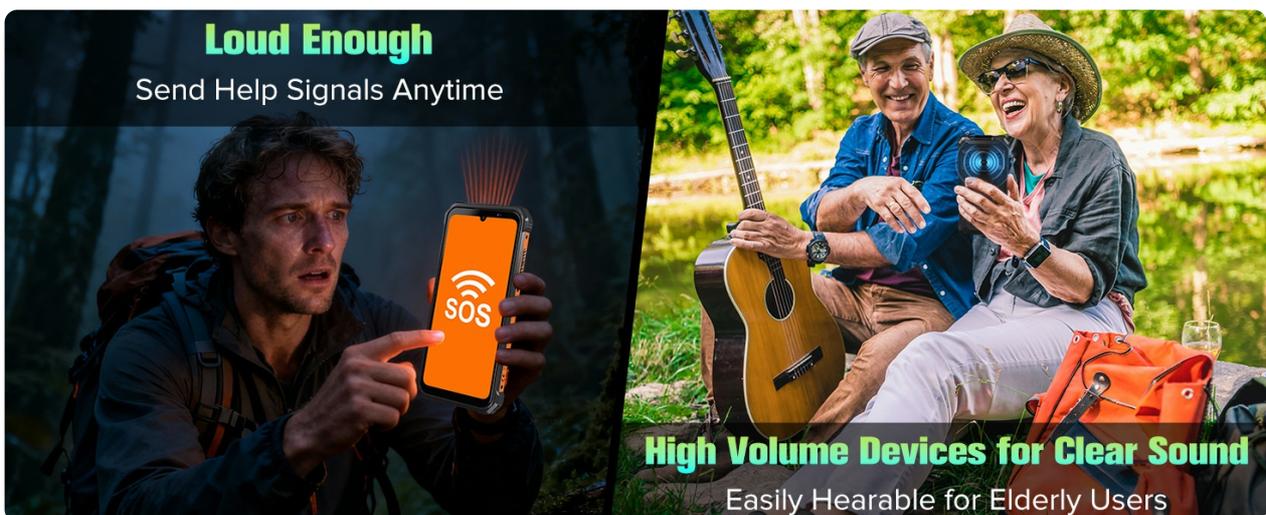


Image 5: The FOSSIBOT F110L displaying the Android 15 interface.

3.2 Camera Usage

The F110L features a versatile triple camera system:

- **50MP Main Camera:** For high-resolution photos with F1.8 aperture and PDAF.
- **8MP Front Camera:** Ideal for selfies and video calls with beautification features.
- **5MP Macro Camera:** For detailed close-up shots.

Access various modes like Night, AI Scene, Portrait, Pro, and Underwater Camera Mode through the camera application.



Image 6: The FOSSIBOT F110L's 50MP AI Main Camera capturing a landscape.



Image 7: Examples of photos taken with the 8MP front camera and 5MP macro camera.



Image 8: The FOSSIBOT F110L being used in Underwater Camera Mode.

3.3 Speaker Functionality

The F110L is equipped with a 128dB high-output stereo speaker, providing clear and loud audio for calls, music, and navigation, even in noisy environments.



Image 9: Diagram illustrating the FOSSIBOT F110L's powerful 128dB speaker.

3.4 Flashlight Usage

The device includes a high-brightness lamp, functioning as a 120 Lumen flashlight. This feature is useful for outdoor adventures, construction sites, and emergency situations.



Image 10: The FOSSIBOT F110L's high-brightness lamp in use during various outdoor activities.

3.5 Battery and Charging

The FOSSIBOT F110L is equipped with a 10000mAh battery. It supports 20W fast charging, allowing it to reach 80% charge in approximately 3 hours. The unique OTG reverse charging feature enables the phone to act as a power bank for other devices.



Image 11: Visual representation of the 10000mAh battery and 20W fast charging capability.



Image 12: The FOSSIBOT F110L utilizing its reverse charging feature to power another device.

3.6 Durability Features

The F110L is built to withstand harsh environments:

- **IP68 & IP69K Ratings:** Provides complete 360° dust resistance and can survive submersion in 1.5 meters of water for 30 minutes.
- **MIL-STD-810H Certified:** Withstands drops from up to 1.5 meters, shocks, and vibrations.

Capture Every Moment of Life



Image 13: Visual demonstration of the FOSSIBOT F110L's MIL-STD-810H drop resistance, IP68 waterproof, and IP69K dustproof ratings.

3.7 Connectivity and Security

The F110L supports NFC for quick payments and features both face recognition and a side-mounted fingerprint sensor for secure unlocking.



Image 14: The FOSSIBOT F110L's side fingerprint unlock and face recognition features.

3.8 Software Toolbox

The F110L includes a software toolbox with various utility applications such as Compass, Gradienter, Sound Meter, Magnifier, Protractor, Plumb Bob, Warning, Height Measure, and Torch. It also features a customizable button for quick access to frequently used apps or functions.



Image 15: The FOSSIBOT F110L's software toolbox interface and customizable button.

4. MAINTENANCE

4.1 Cleaning Your Device

To maintain your FOSSIBOT F110L, wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the screen or casing. For stubborn dirt, especially after exposure to mud or sand, rinse the device under clean water, ensuring all ports are securely closed, then dry thoroughly.

4.2 Water and Dust Resistance Care

While the F110L is IP68/IP69K rated, proper care is essential:

- Ensure all port covers (USB-C, SIM tray) are firmly sealed before exposing the phone to water or dust.
- Do not intentionally submerge the phone in water deeper than 1.5 meters or for longer than 30 minutes.
- Avoid exposing the phone to high-pressure water jets or hot water, as this can compromise seals.
- If the phone gets wet, dry it completely before charging or opening any ports.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **Device not powering on:** Ensure the battery is charged. Connect to the charger for at least 15 minutes before attempting to power on again.
- **Poor battery life:** Close unused apps, reduce screen brightness, disable unnecessary features like GPS or Wi-Fi when not in use. Check for background app activity in settings.
- **Network connectivity issues:** Verify your SIM card is correctly inserted. Check your carrier's signal strength. Ensure your device is compatible with your carrier's bands (e.g., T-Mobile 4G LTE bands B2, B4, B5, B12, B66, B71 in the US).

- **SD card not recognized:** Ensure the TF card is correctly inserted into the designated slot. Some models may use the second SIM slot for TF cards. Reformat the card if necessary (this will erase data).
- **Speaker volume too low/distorted:** Check volume settings. Ensure the speaker grille is not obstructed by debris.
- **Screen unresponsive:** Restart the device. If the issue persists, perform a factory reset (backup data first).

5.2 Video Guide

For a visual guide on key features and durability, please watch the official product video:

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Video 1: Official FOSSiBOT F110L Rugged Smartphone overview, demonstrating features like the speaker, flashlight, durability, and camera.

6. SPECIFICATIONS

| Feature | Specification |
|--------------------|---|
| Model Name | F110L |
| Operating System | Android 15 |
| Processor | Octa-Core UMS T615 |
| RAM | 12 GB (4GB physical + 8GB virtual) |
| Internal Storage | 128 GB |
| Expandable Storage | Up to 2 TB via TF card |
| Screen Size | 6.75 Inches HD+ |
| Resolution | 720x1600 |
| Main Camera | 50 MP |
| Front Camera | 8 MP |
| Macro Camera | 5 MP |
| Battery Capacity | 10000 mAh |
| Charging | 20W Fast Charging, OTG Reverse Charging |
| Durability Ratings | IP68, IP69K, MIL-STD-810H |
| Speaker Loudness | 128 dB |
| Flashlight | 120 Lumen |
| Connectivity | 4G Dual SIM, NFC, USB Type-C |
| Security | Face Recognition, Side Fingerprint Unlock |
| Item Weight | 1.76 pounds |

| | |
|-------|------|
| Color | Gray |
|-------|------|

7. WARRANTY INFORMATION

The FOSSIBOT F110L comes with a 12-month manufacturer's warranty. Please retain your proof of purchase for any warranty claims. For detailed terms and conditions, refer to the warranty card included in your package or contact FOSSIBOT customer support.

8. SUPPORT

For further assistance, technical support, or service inquiries, please visit the official FOSSIBOT website or contact their customer service department. Contact information can typically be found on the FOSSIBOT brand store page or in the included documentation.

You can visit the FOSSIBOT Store on Amazon: [FOSSIBOT Store](#)

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