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## FOSSIBOT F101

# FOSSIBOT F101 Rugged Smartphone User Manual

Model: F101 | Brand: FOSSIBOT

### Introduction

Welcome to the user manual for your FOSSIBOT F101 Rugged Smartphone. This device is engineered for durability and high performance in challenging environments, featuring a robust 10600mAh battery, an exceptionally loud 123dB speaker, and advanced camera capabilities. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your smartphone to ensure optimal performance and longevity.
The FOSSIBOT F101 is designed to withstand harsh conditions, offering IP68 and IP69K waterproofing, dust-proofing, and drop resistance, making it an ideal companion for outdoor activities and demanding work environments.

### Key Features

- **Ultra-Long Battery Life:** Equipped with a 10600mAh large battery, providing extended usage times. Supports 18W quick charging and OTG function for charging other devices.
- **Powerful Speaker:** Features a 123dB, 3.5W full-frequency speaker, delivering loud and clear HiFi quality sound, suitable for noisy environments or as a portable speaker.
- **Exceptional Durability:**
  - **IP68 & IP69K Waterproof:** Submersible up to 1.5 meters deep for 8 hours.
  - **1.5m Drop Resistance:** Designed to withstand drops from 1.5 meters.
  - **360° Dust-proof:** Fully protected against dust ingress.
  - **Extreme Temperature Resistance:** Operates reliably in temperatures ranging from -20°C to 50°C.
- **Robust Performance:** Powered by a MediaTek Helio A22 Quad-Core processor. Comes with 4GB RAM + 64GB ROM, expandable up to 1TB with a TF card. Features memory expansion technology to boost RAM to 7GB for smoother multitasking.
- **Versatile Camera System:** Includes a 24MP rear camera with flash for clear photos in various conditions, an 8MP front camera for selfies, a 5MP macro camera, and a 0.3MP VCA camera.
- **Display:** 5.45-inch HD+ display.
- **Operating System:** Runs on Android 12.0, offering privacy controls, gesture navigation, and a dark theme.

- **Security Features:** Supports fingerprint recognition and Face ID unlock for secure access.
- **Connectivity:** Dual 4G SIM support, GPS/GLONASS/Beidou/Galileo for accurate navigation.




The FOSSIBOT F101 Rugged Smartphone, showcasing its durable design and prominent rear speaker.




Visual representation of the F101's 10600mAh battery capacity and 18W fast charging capability.




Detail of the F101's 123dB high-quality volume speaker, highlighting its loudness for various environments.




An illustration of the F101's triple camera setup, including the 24MP rear, 5MP macro, and 0.3MP VCA cameras, along with the 8MP front camera.




Diagram illustrating the F101's comprehensive durability features: 360° dust-proof, 1.5m drop-resistance, 1m concrete deep water resistance, and high/low temperature tolerance.

## Setup Guide

### 1. SIM Card and TF Card Installation

The FOSSIBOT F101 supports either two Nano SIM cards or one Nano SIM card and one TF (microSD) card for expandable storage up to 1TB.

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM ejector tool into the small hole next to the tray to pop it open.
3. Carefully pull out the tray.
4. Place your Nano SIM card(s) and/or TF card into the designated slots on the tray, ensuring the gold contacts face downwards.
5. Gently push the tray back into the slot until it clicks into place.

### 2. Initial Charging and Power On

Before first use, it is recommended to fully charge your FOSSIBOT F101.

- Connect the provided USB cable to the charging port on your phone and the other end to a compatible 18W power adapter.
- Plug the power adapter into a wall outlet. The charging indicator will appear on the screen.
- Once sufficiently charged, press and hold the Power button (usually on the side) for a few seconds until the FOSSIBOT logo appears.

### 3. Basic Setup Wizard

Follow the on-screen prompts to complete the initial setup of your device:

- Select your preferred language.
- Connect to a Wi-Fi network for internet access.
- Sign in with your Google account or create a new one.
- Set up screen lock (PIN, pattern, password, fingerprint, or Face ID).
- Review and accept terms and conditions.

## Operating Instructions

### Using the 123dB Loud Speaker

The FOSSIBOT F101 features a powerful 123dB speaker. To utilize its full potential:

- Adjust the volume using the volume rocker on the side of the phone.
- For optimal sound projection, ensure the rear speaker is not obstructed.
- This speaker is ideal for hands-free calls in noisy environments, playing music outdoors, or using as a portable speaker during gatherings.




Anatomy of the F101's high-quality volume speaker, detailing its components and sound output.

### Camera Functions

Capture moments with the F101's versatile camera system:

- **Rear Camera (24MP):** Open the Camera app and select the 'Photo' mode. Tap the screen to focus and press the shutter button to take a picture. The flash can be enabled for low-light conditions.

- **Front Camera (8MP):** Switch to the front camera within the Camera app for selfies and video calls.
- **Macro Camera (5MP):** For close-up shots of small objects, select the 'Macro' mode in the Camera app (if available, or ensure you are close to the subject).
- **Video Recording:** Switch to 'Video' mode to record high-quality videos.

### Security Features (Fingerprint & Face ID)

Enhance your phone's security and convenience:

- **Fingerprint Unlock:** Go to Settings > Security > Fingerprint. Follow the instructions to register your fingerprint. Once registered, simply place your finger on the fingerprint sensor (located on the side of the device) to unlock.
- **Face ID Unlock:** Go to Settings > Security > Face Unlock. Follow the instructions to register your face. Look at the front camera to unlock your device.




An overview of the FOSSIBOT F101's key features, including GPS, speaker, Android 12, Face ID, and Fingerprint recognition.

### Android 12.0 Features

Your FOSSIBOT F101 runs on Android 12.0, offering an intuitive and secure user experience:

- **Privacy Controls:** Utilize the privacy dashboard to monitor app access to your location, camera, and microphone. Manage permissions for enhanced data security.
- **Gesture Navigation:** Navigate your device using intuitive gestures for a seamless experience. Customize these in Settings > System > Gestures.
- **Dark Theme:** Enable Dark Theme in display settings for a more comfortable viewing experience, especially in low light, and to conserve battery.




Screenshots showcasing the Android 12.0 interface and its features on the FOSSIBOT F101.

## Maintenance

### Cleaning Your Device

Thanks to its IP68/IP69K ratings, the FOSSIBOT F101 is easy to clean:

- For general cleaning, wipe the device with a soft, damp cloth.
- If exposed to mud, dirt, or other contaminants, you can rinse the phone under clean running water. Ensure all ports (charging port, headphone jack if present) are securely closed before rinsing.
- After rinsing, dry the phone thoroughly with a clean cloth. Do not use compressed air or heat to dry, as this may damage seals.

### Battery Care

To maximize the lifespan of your 10600mAh battery:

- Avoid completely draining the battery frequently.
- Use the original or certified 18W fast charger for optimal charging.

- Avoid exposing the phone to extreme temperatures (above 50°C or below -20°C) for prolonged periods, as this can degrade battery performance.

### Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. Go to Settings > System > System update.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Phone does not power on. | Low battery; software crash. | Charge the phone for at least 30 minutes. Press and hold the Power button for 10-15 seconds to force restart. |
| Cannot connect to network (calls/data). | SIM card not inserted correctly; network compatibility; no signal. | Ensure SIM card is properly seated. Verify with your carrier that the phone is compatible with their network. Move to an area with better signal. Restart the phone. |
| Screen is unresponsive or frozen. | Software issue; app crash. | Force restart the device by holding the Power button. Close background apps. Clear cache of problematic apps. |
| Battery drains quickly. | Too many background apps; high screen brightness; poor signal. | Close unused apps. Reduce screen brightness. Enable battery saver mode. Check for apps consuming excessive power in battery settings. |
| Speaker volume is low or distorted. | Speaker obstructed; software issue. | Ensure the speaker grille is clean and unobstructed. Adjust volume settings. Restart the phone. |

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact FOSSIBOT customer support for further assistance.

## Technical Specifications

| | |
|---|---|
| **Brand** | FOSSIBOT |
| **Model** | F101 |
| **Operating System** | Android 12.0 |
| **CPU Processor** | Helio A22 / Quad-Core |
| **RAM** | 4GB (expandable to 7GB) |
| **ROM** | 64GB (expandable up to 1TB with TF card) |

| | |
|---|---|
| **Display Size** | 5.45 Inches HD+ |
| **Resolution** | 720 x 1520 |
| **Rear Camera** | 24MP + 5MP (Macro) + 0.3MP (VCA) |
| **Front Camera** | 8MP |
| **Battery Capacity** | 10600mAh |
| **Charging** | 18W Fast Charging, OTG Support |
| **Speaker** | 123dB, 3.5W |
| **Durability Ratings** | IP68, IP69K Waterproof & Dust-proof, MIL-STD-810H Drop Resistance (1.5m) |
| **Connectivity** | Dual 4G SIM, GPS/GLONASS/Beidou/Galileo |
| **Security** | Fingerprint Recognition, Face ID |
| **Dimensions** | 9.17 x 8.07 x 2.01 inches (Package) |
| **Item Weight** | 1.37 pounds |

## Warranty and Support

FOSSIBOT offers a **2-year warranty** for the F101 Rugged Smartphone, ensuring peace of mind regarding your purchase. For any questions, technical assistance, or warranty claims, please contact FOSSIBOT customer service. They provide **24-hour friendly online customer service** to address your inquiries promptly.
You can typically find contact information on the official FOSSIBOT website or through the retailer where you purchased the device.

Information regarding FOSSIBOT's 2-year warranty and 24-hour online customer service.

## Product Overview Video

Official FOSSIBOT F101 rugged smartphone overview video, demonstrating its durability and key features in various environments.

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