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HUAWEI 51097FTV

HUAWEI Mate 50 Pro User Manual

Model: 51097FTV

Introduction

Welcome to the user manual for your new HUAWEI Mate 50 Pro smartphone. This guide provides comprehensive instructions on how to set up, operate, maintain, and troubleshoot your device. Please read this manual carefully to ensure proper use and to maximize the performance of your smartphone.

Important Safety Information

Always follow these basic safety precautions to reduce the risk of injury, electric shock, fire, or damage to the device.

- **Network Compatibility:** This smartphone is designed for GSM and LTE networks. It is not compatible with CDMA networks, including Verizon, Sprint, and US Cellular. Verify network compatibility with your service provider before use.
- **Battery Safety:** Do not attempt to replace the battery yourself. Use only HUAWEI-approved chargers and cables. Do not expose the device to extreme temperatures or direct sunlight.
- **Water Resistance:** The device has a degree of water and dust resistance. However, this is not permanent and resistance might decrease as a result of normal wear. Do not intentionally submerge the device in water.
- **Disposal:** Dispose of the device and its battery responsibly according to local regulations. Do not dispose of them in household waste.

What's in the Box

Upon opening your HUAWEI Mate 50 Pro package, please ensure all the following items are present:

- HUAWEI Mate 50 Pro Smartphone
- USB Cable
- Quick Start Guide (may vary by region)
- SIM Eject Tool (may vary by region)

Note: The contents of the box may vary slightly depending on your region and retailer.

Product Overview

Device Layout

Familiarize yourself with the physical components of your HUAWEI Mate 50 Pro.



Image: Front and back view of the HUAWEI Mate 50 Pro smartphone, showcasing its curved display and circular camera module on the rear.




Slide up to unlock
08:08
Tue, Sep 6



Image: Front view of the HUAWEI Mate 50 Pro, highlighting the OLED display with a notch at the top for the front camera and sensors.





Image: Rear view of the HUAWEI Mate 50 Pro, showing the prominent circular camera array with multiple lenses and the HUAWEI branding at the bottom.



Image: Bottom view of the HUAWEI Mate 50 Pro, displaying the USB-C charging port, speaker grille, and microphone.





Image: Right side view of the HUAWEI Mate 50 Pro, showing the power button and volume rocker.

Getting Started

Inserting SIM Cards and Nano Memory Card

The HUAWEI Mate 50 Pro supports dual SIM cards and a Nano Memory (NM) card for expandable storage. The NM card uses a shared SIM slot.

1. Locate the SIM card tray on the side of your device.
2. Insert the SIM eject tool into the small hole next to the tray and push gently until the tray pops out.
3. Place your Nano-SIM cards and/or Nano Memory card into the designated slots on the tray. Ensure the gold contacts are facing down.
4. Carefully reinsert the tray into the device until it clicks into place.

Powering On/Off

- **To Power On:** Press and hold the Power button until the HUAWEI logo appears.
- **To Power Off:** Press and hold the Power button until the power options appear on the screen, then tap 'Power off'.
- **To Restart:** Press and hold the Power button until the power options appear, then tap 'Restart'.

Initial Setup

The first time you power on your device, you will be guided through the initial setup process. This includes selecting your language, connecting to Wi-Fi, setting up your HUAWEI ID, and configuring security features like face unlock or fingerprint recognition.

Basic Operations

Making Calls

To make a call, open the Phone app, enter the number using the dial pad, and tap the call icon. You can also select a contact from your Contacts list.

Using the Camera

The HUAWEI Mate 50 Pro features an advanced camera system:

- **Main Camera:** 50 MP, f/1.4-f/4.0 variable aperture, 24mm wide lens with PDAF, Laser AF, and OIS for stable, high-quality photos.
- **Periscope Telephoto:** 64 MP, f/3.5, 90mm lens with PDAF, OIS, and 3.5x optical zoom for distant subjects.
- **Ultrawide Camera:** 13 MP, f/2.2, 13mm, 120° ultrawide lens with PDAF for expansive shots.
- **Front Camera:** 13 MP, f/2.4, 18mm ultrawide with TOF 3D for depth sensing and biometrics.

Open the Camera app from your home screen or lock screen. Select your desired mode (e.g., Photo, Portrait, Night, Pro) and tap the shutter button to capture images or videos.

Network Compatibility Details

The HUAWEI Mate 50 Pro supports a wide range of network frequencies. Please note that network compatibility can vary by region and carrier. Always confirm with your network provider.

- **SIM CARD 1 & 2 (Dual SIM):**
- **2G GSM:** 850 / 900 / 1800 / 1900 MHz
- **3G HSDPA:** 800 / 850 / 900 / 1700(AWS) / 1900 / 2100 MHz
- **4G LTE FDD:** 700(B12, B13, B17, B28) / 800(B20) / 850(B5, B18, B19, B26) / 900(B8) / 1500(B32) / 1700|2100(B4) / 1800(B3) / 1900(B2) / 2100(B1, B66) / 2600(B7) MHz
- **4G LTE TDD:** 1900(B39) / 2000(B34) / 2300(B40) / 2500(B41) / 2600(B38) MHz

Important: This device is not compatible with CDMA networks.

Care and Maintenance

Proper care extends the life of your HUAWEI Mate 50 Pro.

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid abrasive materials or harsh chemicals.
- **Battery Care:** Avoid fully discharging the battery frequently. For optimal battery health, keep the charge between 20% and 80%.
- **Software Updates:** Regularly check for and install system updates to ensure your device has the latest features, security patches, and performance improvements.
- **Storage:** Keep your device away from extreme temperatures, direct sunlight, and high humidity.

Troubleshooting

This section addresses common issues you might encounter with your device.

Problem	Possible Solution
Phone not turning on	Ensure the battery is charged. Connect to a charger for at least 10 minutes, then try powering on again. If unresponsive, perform a forced restart (refer to device-specific instructions for forced restart).
Network connectivity issues	Check if airplane mode is off. Verify SIM card is properly inserted. Ensure your device is compatible with your network provider's bands. Restart the device.
Applications not installing/working	The HUAWEI Mate 50 Pro runs EMUI 13. Some applications, particularly those reliant on Google Mobile Services, may not be directly available or fully functional. Explore HUAWEI AppGallery or alternative app distribution methods.
Battery drains quickly	Close background apps. Reduce screen brightness. Disable unnecessary features like GPS or Bluetooth when not in use. Check battery usage in settings to identify power-hungry apps.

Technical Specifications

Feature	Specification
Model Name	Huawei Mate 50 Pro
Item Model Number	51097FTV
Operating System	EMUI 13
Processor	Qualcomm SM8475 Snapdragon 8+ Gen 1 4G (4 nm), Octa-core (1x3.19 GHz Cortex-X2 & 3x2.75 GHz Cortex-A710 & 4x2.0 GHz Cortex-A510)
Display	6.74 inches OLED, 1212 x 2616 pixels, Huawei Kunlun Glass
RAM	8 GB

Feature	Specification
Internal Storage	256 GB (expandable via Nano Memory)
Rear Camera System	50 MP (wide, OIS), 64 MP (periscope telephoto, 3.5x optical zoom, OIS), 13 MP (ultrawide)
Front Camera	13 MP (ultrawide), TOF 3D (depth/biometrics sensor)
Battery	Li-Po 4700 mAh, non-removable
Connectivity	Wi-Fi, Cellular (4G/LTE), Bluetooth
Audio Jack	No headphone jack
Color	Black
Item Weight	1.28 pounds (approx. 580 grams)

Warranty and Support

Your HUAWEI Mate 50 Pro comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details. Keep your proof of purchase for warranty claims.
For technical support, service, or further inquiries, please visit the official HUAWEI support website or contact their customer service hotline in your region. Contact information can typically be found on the HUAWEI official website or in the warranty documentation.
Note: No official product videos were available for embedding based on the provided data.

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Question

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

Details

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