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› Motorola Moto G54 Power 5G Smartphone User Manual

Motorola Moto G54 Power

Motorola Moto G54 Power 5G Smartphone User Manual

Model: XT2343

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Motorola Moto G54 Power 5G smartphone. Please read this guide thoroughly before operating your device to ensure optimal performance and safety. This device features a 6.5-inch IPS LCD display, a MediaTek Dimensity 7020 processor, 256GB internal storage, 12GB RAM, and a 6000mAh battery.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- Motorola Moto G54 Power 5G Smartphone
- USB Cable
- Quick Start Guide (may vary by region)
- SIM Ejector Tool (may vary by region)

Note: Wall charger and headphones may be sold separately depending on your region.

3. DEVICE OVERVIEW

Familiarize yourself with the physical components of your Motorola Moto G54 Power.



Figure 3.1: Front and back view of the Motorola Moto G54 Power 5G smartphone. The front features the display and front camera, while the back shows the dual camera module and Motorola logo.



Figure 3.2: Side view of the Motorola Moto G54 Power 5G smartphone, illustrating the power button, volume rocker, and SIM/microSD card tray location.



Figure 3.3: Detailed back view of the Motorola Moto G54 Power 5G smartphone, highlighting the 50MP main camera and 8MP ultrawide camera module.

4. SETUP

4.1. Inserting SIM and microSD Cards

1. Locate the SIM tray on the side of your device.
2. Insert the SIM ejector tool into the small hole on the tray to open it.
3. Place your Nano-SIM card(s) and/or microSDXC card into the tray with the gold contacts facing down, ensuring they are correctly oriented. This device supports Dual SIM (SIM + eSIM).
4. Carefully push the tray back into the slot until it clicks into place.

4.2. Powering On Your Device

Press and hold the Power button located on the side of the device until the Motorola logo appears on the screen.

4.3. Initial Setup

Follow the on-screen prompts to complete the initial setup process. This includes selecting your language, connecting to a Wi-Fi network, signing in with your Google account, and setting up security features like a PIN, pattern, or fingerprint.

5. OPERATING YOUR DEVICE

5.1. Basic Navigation

- **Touch:** Tap an item to select it.
- **Touch & Hold:** Touch and hold an item to see available options.
- **Swipe:** Drag your finger across the screen to scroll or move between screens.
- **Pinch:** Pinch two fingers together or spread them apart to zoom in or out.

5.2. Making Calls

Open the Phone app, enter the number using the dial pad, and tap the call icon. To answer an incoming call, swipe up on the screen.

5.3. Sending Messages

Open the Messages app, tap the 'Start chat' button, enter the recipient's number or select from contacts, type your message, and tap send.

5.4. Using the Camera

Open the Camera app. Tap the shutter button to take a photo. Swipe left or right to switch between photo, video, and other modes. The device features a 50 MP main camera with OIS and an 8 MP ultrawide lens on the rear, and a 16 MP front camera.

5.5. Internet Connectivity

Your device supports 5G, LTE, and Wi-Fi connectivity. To connect to Wi-Fi, go to **Settings > Network & internet > Internet**, then select a network and enter the password if required.

5.6. Managing Applications

Download apps from the Google Play Store. To uninstall an app, touch and hold its icon on the home screen or app drawer, then drag it to 'Uninstall'.

6. MAINTENANCE

6.1. Battery Management

The Motorola Moto G54 Power is equipped with a 6000mAh non-removable battery. For optimal battery life:

- Charge your device using the provided USB cable.
- Avoid extreme temperatures.
- Close unused applications running in the background.
- Adjust screen brightness and use power-saving modes.

6.2. Storage Management

Your device has 256GB of internal storage, expandable via microSDXC (uses shared SIM slot). Regularly clear unnecessary files, cache data, and transfer large media files to cloud storage or a computer to free up space.

6.3. Software Updates

Keep your device's software up to date to ensure the latest features, security patches, and performance improvements. Go to **Settings > System > System updates** to check for and install updates.

7. TROUBLESHOOTING

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

- **Device not turning on:** Ensure the battery is charged. Connect the device to a charger for at least 15 minutes, then try powering it on again.
- **Poor network signal:** Check your SIM card insertion. Move to an area with better network coverage. Contact your network provider if the issue persists.
- **Applications crashing:** Clear the app's cache (**Settings > Apps > [App Name] > Storage & cache > Clear cache**). If the problem continues, try reinstalling the app.
- **Battery draining quickly:** Review battery usage in **Settings > Battery** to identify power-hungry apps. Reduce screen brightness and disable unnecessary features like GPS or Bluetooth when not in use.
- **Device unresponsive:** Perform a force restart by pressing and holding the Power button for approximately 10-15 seconds until the device restarts.

8. SPECIFICATIONS

Feature	Specification
Model	Motorola Moto G54 Power (XT2343)
Display	6.5 inches IPS LCD, 1080 x 2400 pixels
Processor	Mediatek Dimensity 7020 (6 nm), Octa-core (2x2.2 GHz Cortex-A78 & 6x2.0 GHz Cortex-A55)
Operating System	Android 13
RAM	12GB
Internal Storage	256GB (expandable via microSDXC, uses shared SIM slot)
Rear Camera	50 MP (wide, OIS), 8 MP (ultrawide)
Front Camera	16 MP (wide)

Battery	6000mAh, non-removable
Dimensions	161.6 x 73.8 x 8.9 mm (6.36 x 2.91 x 0.35 in)
Weight	192 g (6.77 oz)
SIM	Dual SIM (SIM + eSIM)
Connectivity	5G, LTE, GSM, Wi-Fi, Bluetooth, GPS

9. SAFETY AND REGULATORY INFORMATION

For detailed safety, regulatory, and legal information, please refer to the official Motorola website or the pre-installed 'Moto Help' application on your device. This includes information on SAR (Specific Absorption Rate), electrical safety, and environmental compliance.

10. WARRANTY AND SUPPORT

Your Motorola Moto G54 Power 5G smartphone is covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official Motorola support website. For technical assistance, software updates, and additional resources, please visit the [Motorola Store](#) or contact Motorola customer support.

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