

Manuals.plus /

› Motorola /

› Motorola Moto G54 5G Smartphone User Manual

## Motorola Moto G54

# Motorola Moto G54 5G Smartphone User Manual

Model: Moto G54 (PAYTOO19SE)

Brand: Motorola

## INTRODUCTION

The Motorola Moto G54 5G is designed to enhance your mobile experience with its advanced features and robust performance. This smartphone brings your movies, games, and music to life on a fascinating 6.5-inch FHD+ display with a 120 Hz refresh rate. Equipped with stereo speakers featuring Dolby Atmos and Moto room sound, it delivers immersive audio from all directions. Capture crisp photos and perfect videos with its 50MP Optical Image Stabilization (OIS) camera system. Powered by a capable octa-core processor, it offers seamless 5G connectivity and extended usage thanks to its long-lasting battery and fast charging capabilities. With generous internal storage and a water-resistant design, the Moto G54 5G is built for both performance and durability.

## WHAT'S IN THE BOX

Upon unboxing your new Motorola Moto G54 5G, you will find the following items:

- Motorola Moto G54 5G Smartphone
- 20W Fast Charging Adapter
- USB-C to USB-A Cable
- SIM Ejector Tool
- Quick Start Guide
- Safety Certification and Regulatory Information



 **moto g**<sup>54</sup>  
5G

## LIEBE AUF DEN ERSTEN TOUCH.

120-Hz-Display mit Dolby Atmos-Sound



Image: The Motorola Moto G54 5G smartphone, presented in its minimalist, eco-friendly packaging, highlighting the device's sleek design and the brand's commitment to sustainability.



Image: The retail box for the Moto G54 5G, clearly displaying the Motorola logo, product name, and a barcode with the number 4251281653393.

## Inserting SIM Card(s)

The Motorola Moto G54 5G supports Dual SIM functionality. Locate the SIM tray on the side of the device. Use the provided SIM ejector tool to open the tray. Insert your GSM SIM card(s) into the designated slots. This international model is compatible with most GSM SIM cards globally, including T-Mobile and MetroPCS in the U.S. It is not compatible with CDMA carriers such as Verizon.

Note: Some models may feature a hybrid slot that can accommodate either a second physical SIM card or a microSD card for expandable storage.

## Initial Power On and Configuration

Press and hold the power button located on the side of the device until the Motorola logo appears. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account sign-in, and security settings. The device comes with Android 13.0 and is planned for an upgrade to Android 14.

# OPERATING YOUR DEVICE

## Display and Interaction

The Moto G54 5G features a vibrant 6.5-inch Full HD+ (2400x1080px) LCD display with a pixel density of 405ppi and a smooth 120Hz refresh rate. This ensures a fluid visual experience for all your content, from browsing to gaming.

50-MP-KAMERASYSTEM MIT OIS



5000mAh



ULTRASTARKER AKKU UND  
SCHNELLES AUFLADEN



FASZINIERENDES FULL-HD<sup>+</sup>-DISPLAY  
UND DOLBY ATMOS

 **moto g**<sup>54</sup>  
5G



STYLISCHES,  
WASSERABWEISENDES  
DESIGN



SUPERSCHNELLE  
5G-PERFORMANCE

Image: A close-up of the Motorola Moto G54 5G's 6.5-inch Full HD+ display, showcasing its vibrant colors and sharp details, ideal for multimedia consumption.

## Camera System

Capture stunning photos and videos with the versatile camera system. The rear setup includes a 50MP wide-angle lens (f/1.8) with Optical Image Stabilization (OIS) for steady shots, and a 2MP macro lens (f/2.4) for detailed close-ups. The front-facing camera is a 16MP wide-angle lens (f/2.4), perfect for high-quality selfies and video calls.

# BRILLANT OHNE WACKLER.

Mit dem innovativen 50-MP-Kamerasystem mit OIS und Quad-Pixel-Technologie nehmen Sie flüssige Videos und gestochen scharfe Fotos bei schwachem Licht auf. Und mit der speziellen Makro Vision-Kamera können Sie richtig nah an Ihr Motiv herangehen und sogar kleinste Details erfassen.



Image: A detailed view of the Motorola Moto G54 5G's rear camera module, emphasizing the 50MP main sensor with OIS and the 2MP macro lens, designed for clear and stable photography.



Image: A person using the Motorola Moto G54 5G to take a selfie, illustrating the ease of use and quality of the front-facing camera for capturing personal moments.

## Performance and Storage

The device is powered by a MediaTek Dimensity 7020 (6nm) octa-core processor with an IMG BXM-8-256 GPU, providing smooth performance for daily tasks and moderate gaming. It comes with 8GB of RAM and a generous 256GB of internal storage, offering ample space for apps, photos, and media.

## Audio Experience

Experience rich and clear audio with stereo speakers featuring Dolby Atmos and Moto room sound technology, delivering an immersive listening experience for all your entertainment needs.

## Connectivity

The Moto G54 5G offers comprehensive connectivity options including 2G GSM, 3G UMTS, 4G LTE, and 5G bands, ensuring wide network compatibility. It also features Bluetooth 5.3 for efficient wireless connections, Wi-Fi for internet access, and GPS for navigation.

## Security

For convenient and secure access, the device includes a side-mounted fingerprint sensor.

## MAINTENANCE

### Battery Care

The Moto G54 5G is equipped with a 5000mAh battery, providing extended usage on a single charge. To prolong the lifespan and maintain the health of your battery, it is recommended to charge your phone when the battery level is between 20% and 80%. Avoid letting the battery completely drain or leaving it plugged in overnight after it has reached 100% charge. This practice applies to all mobile phones and helps in preserving battery longevity.

## TROUBLESHOOTING

### Software Updates

Upon initial setup or after some time, your device may require several software updates to bring it to the latest version. It is recommended to connect to a stable Wi-Fi network and allow these updates to complete for optimal performance and security. The phone can typically be used during the update process.

### Network Connectivity Issues

If you experience weaker cell reception or mobile data latency, especially when connected to a weak 5G signal, you may try adjusting your preferred network settings. Dial **\*\*\*4636\*\*\*** on your phone's dialer and change the preferred network type to **LTE/GSM/WCDMA (PRL)**. This can help improve data stability and speed in areas with inconsistent 5G coverage.

### Functionality Messages

If you receive messages indicating that some functionality may not be available with your device version, refer to the provided quick start guide or the manufacturer's official support website for instructions on how to adjust settings to enable full features, such as text and MMS messaging.

## SPECIFICATIONS

Feature	Specification
Model Name	G54
Product Dimensions	6.36 x 2.91 x 0.31 inches
Item Weight	6.1 ounces (174 Grams)
Operating System	Android 13.0 (planned upgrade to Android 14)
RAM	8 GB
Memory Storage Capacity	256 GB
Screen Size	6.5 Inches
Display Technology	LCD
Resolution	1080 x 2400 (Full HD+)
Refresh Rate	120 Hz
Rear Camera	50MP (wide, f/1.8, OIS), 2MP (macro, f/2.4)
Front Camera	16MP (wide, f/2.4)
Processor	Mediatek Dimensity 7020 (6nm) Octa-core
Battery Capacity	5000 mAh
Charging	20W Fast Charging
Connectivity	5G, 4G LTE, 3G UMTS, 2G GSM, Wi-Fi, Bluetooth 5.3, GPS
Security	Side-mounted Fingerprint Sensor
Audio Jack	3.5 mm
Color	Midnight Blue

## WARRANTY AND SUPPORT

### Warranty Information

Please note that this is an International Model and does not come with a U.S. warranty. For warranty details and service in your region, please refer to the documentation provided with your purchase or contact your local Motorola support.

### Legal Disclaimer

This product is supplied by a specialist retailer. An invoice including VAT is available. Shipping to packing

stations is possible. For detailed legal information, please consult the full legal disclaimer provided with the product packaging.



Image: The back of the Motorola Moto G54 5G box, detailing key features such as the 6.5" Full HD+ display with Dolby Atmos, 50MP camera system with OIS, and Superfast 5G performance, along with legal notes.



Image: A close-up of the Motorola Moto G54 5G box, displaying the model number XT2343-2, IMEI numbers (e.g., 353361262859233), and the P/N: PAYT0019SE, along with regulatory marks.