

[Manuals.plus](#) /

› [Motorola](#) /

› Motorola Moto G6 Plus User Manual

Motorola Moto G6 Plus (PAAV0016DE)

Motorola Moto G6 Plus User Manual

Model: PAAV0016DE

INTRODUCTION

This manual provides comprehensive instructions for the Motorola Moto G6 Plus smartphone. It covers essential information regarding device setup, operation, maintenance, and troubleshooting. The Moto G6 Plus features a 5.9-inch Full HD+ Max Vision display, an 18:9 aspect ratio, and is powered by a 2.2 GHz processor, designed for a smooth user experience.



Figure 1: Front view of the Motorola Moto G6 Plus, showcasing its display and sleek design.

GETTING STARTED

1. SIM Card and microSD Card Installation

The Moto G6 Plus supports a single Nano-SIM card and an expandable microSD card for additional storage up to 256GB. Use the provided SIM tray ejector tool to open the tray.

1. Locate the SIM tray slot on the side of the device.
2. Insert the SIM tray ejector tool into the small hole next to the tray and press gently until the tray pops out.
3. Place your Nano-SIM card and microSD card (if applicable) into the designated slots on the tray, ensuring correct orientation.
4. Carefully push the tray back into the device until it clicks into place.



Figure 2: Detailed view of the SIM tray slot and the rear camera module on the Moto G6 Plus.

2. Initial Power On and Setup

Press and hold the Power button located on the side of the phone 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.

3. Charging the Battery

Connect the USB-C cable to the phone's charging port and the other end to a power adapter. Plug the adapter into a wall outlet. The phone supports fast charging. Ensure the battery is sufficiently charged before first use.

OPERATING YOUR DEVICE

1. Physical Components

- **Power Button:** Located on the right side, used to turn the device on/off, lock/unlock the screen.
- **Volume Buttons:** Located above the power button, used to adjust media and call volume.
- **USB-C Port:** Located at the bottom, used for charging and data transfer.
- **3.5mm Headphone Jack:** Located at the bottom, for audio output.
- **Fingerprint Sensor:** Integrated into the front bezel, used for secure unlocking and navigation gestures.
- **Dual Rear Cameras:** Located on the back, for high-quality photography and video recording.
- **Front Camera:** Located on the front, for selfies and video calls.



Figure 3: Side view of the Moto G6 Plus, highlighting the power and volume buttons.



Figure 4: Bottom view of the Moto G6 Plus, illustrating the USB-C charging port and 3.5mm headphone jack.

2. Display and Navigation

The Moto G6 Plus features a 5.9-inch IPS LCD capacitive touchscreen with a resolution of 1080 x 2160 pixels. It is protected by Corning Gorilla Glass 3. Navigation is primarily touch-based, with support for gestures on the fingerprint sensor for home, back, and recent apps.

3. Camera Features

The device is equipped with a dual primary camera system (12MP f/1.7 + 5MP f/2.2) with dual pixel phase detection autofocus and a dual-LED dual-tone flash. It supports video recording at 2160p@30fps and 1080p@30/60fps. The secondary camera is 8MP (f/2.2) with an LED flash, supporting 1080p video.



Figure 5: Rear view of the Moto G6 Plus, highlighting the prominent dual camera module.

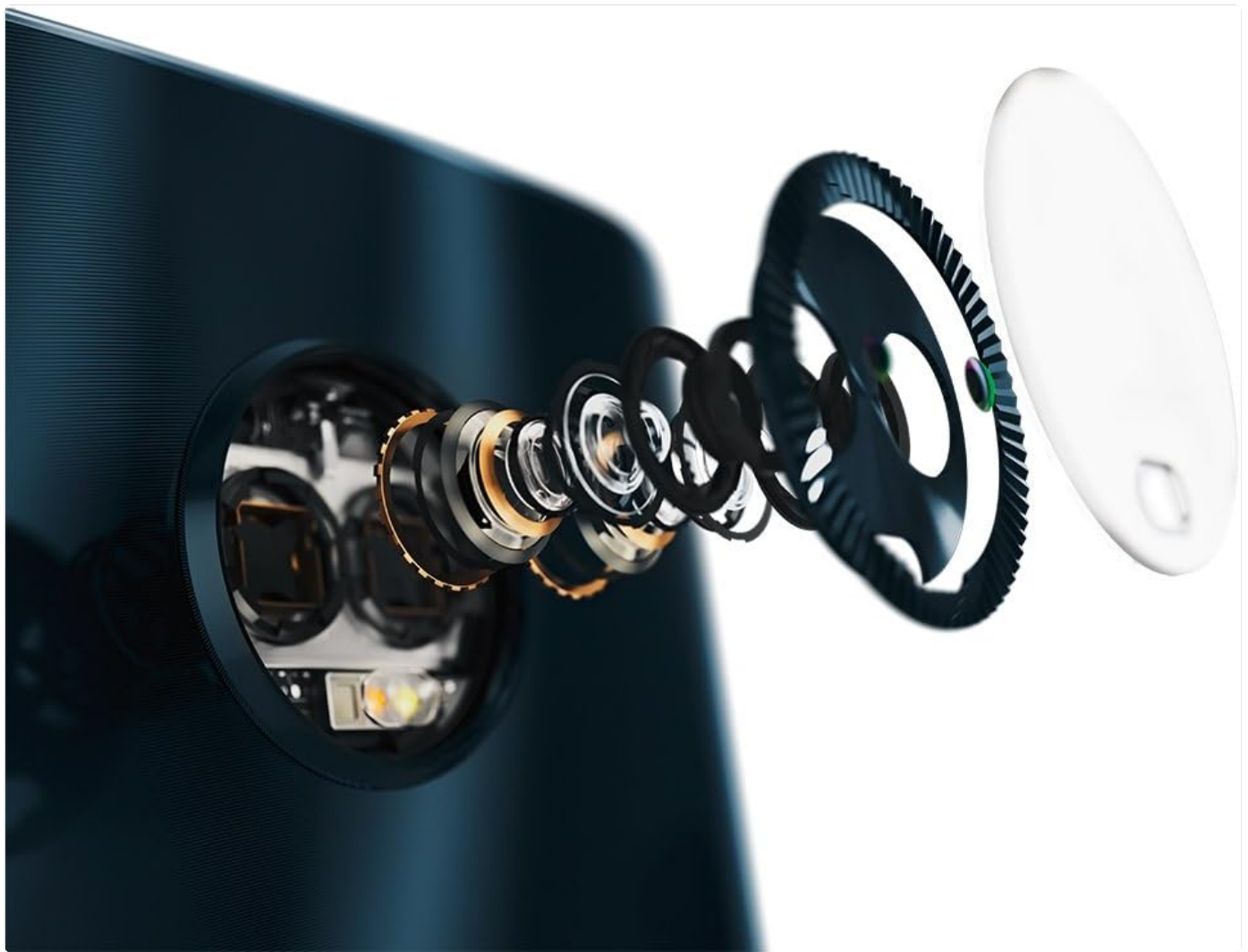


Figure 6: An exploded diagram illustrating the internal components of the Moto G6 Plus camera system.

CONNECTIVITY

The Moto G6 Plus offers robust connectivity options:

- **Cellular Networks:** Supports 2G GSM (850/900/1800/1900), 3G (850/900/1900/2100), and 4G LTE (B1, B3, B5, B7, B20, B38). Note: This is a GSM-only device and will not work with CDMA networks like Verizon or Sprint.
- **Wi-Fi:** 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz bands.
- **Bluetooth:** Version 5.0 for wireless accessory connection.
- **GPS:** Integrated GPS, A-GPS, and GLONASS for accurate location services.
- **NFC:** Yes, for contactless payments and quick pairing.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Moto G6 Plus.

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Regularly check for and install system updates to ensure you have the latest features, security patches, and performance improvements.
- **Battery Care:** To maximize battery life, avoid extreme temperatures. It is recommended to keep the battery charge between 20% and 80% for daily use.
- **Protection:** Consider using a protective case and screen protector to guard against drops and scratches. The camera module protrudes slightly, making a case beneficial for protection.

TROUBLESHOOTING

If you encounter issues with your Moto G6 Plus, try the following common troubleshooting steps:

- **Device Not Responding:** Press and hold the Power button for about 10-15 seconds to force a restart.
- **Network Issues:** Check if your SIM card is properly inserted. Toggle Airplane Mode on and off. Restart the device. Verify network compatibility with your carrier.
- **Battery Draining Quickly:** Reduce screen brightness, close unused apps, disable unnecessary background sync, and limit location services.
- **App Crashes:** Clear the cache and data for the problematic app in Settings > Apps. If the issue persists, uninstall and reinstall the app.
- **Storage Full:** Delete unnecessary files, clear app caches, and move media to the microSD card or cloud storage.

For more detailed troubleshooting or persistent issues, please refer to the official Motorola support website or contact customer service.

SPECIFICATIONS

Below are the key technical specifications for the Motorola Moto G6 Plus:

Feature	Detail
Model Name	Moto G6 Plus (PAAV0016DE)
Dimensions	6.3 x 2.97 x 0.31 inches
Item Weight	6.2 ounces (0.18 Kilograms)
Display	5.9 inches IPS LCD, 1080 x 2160 pixels, Corning Gorilla Glass 3
Operating System	Android 8.0 (Oreo)
Processor	Qualcomm SDM630 Snapdragon 630, Octa-core 2.2 GHz Cortex-A53
RAM	4 GB
Internal Storage	64 GB
Expandable Memory	Up to 256GB via microSD card slot
Primary Camera	Dual: 12MP (f/1.7) + 5MP (f/2.2), dual pixel PDAF, dual-LED dual-tone flash
Secondary Camera	8MP (f/2.2), LED flash
Battery	1 Lithium Polymer battery (included), 8 Hours Talk Time
Connectivity	Wi-Fi, Bluetooth 5.0, GPS, A-GPS, GLONASS, NFC, 2G/3G/4G LTE (GSM Only)
SIM Type	Single Nano-SIM
Color	Indigo Blue
What's in the box	SIM Tray Ejector



Figure 7: Internal view of the Moto G6 Plus, highlighting the Qualcomm Snapdragon processor.

WARRANTY AND SUPPORT

For information regarding your product's warranty, please refer to the warranty card included with your purchase or visit the official Motorola support website. For additional assistance, FAQs, and software downloads, please visit the [Motorola Store on Amazon](#) or the official Motorola support portal.

© 2024 Motorola. All rights reserved.

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