Motorola PAE00009US

Motorola Moto G7 Unlocked Smartphone User Manual

Model: PAE00009US

1. OVERVIEW

The Motorola Moto G7 is an unlocked smartphone designed for use on major US carrier networks. It features a 6.2-inch Full HD+ Max Vision display, a 12MP dual camera system, and runs on Android 9.0. This device is equipped with a Qualcomm Snapdragon 632 processor, 4GB RAM, and 64GB internal storage, expandable up to 512GB via Micro SD.

Figure 1.1: Front and back view of the Motorola Moto G7 smartphone.

2. GETTING STARTED

2.1 Unboxing the Device

Upon opening the package, you will find the Motorola Moto G7 smartphone, a Motorola TurboPower charger brick, a USB-C cable, and a SIM ejector tool along with documentation.

Your browser does not support the video tag.

Video 2.1: An unboxing demonstration of the Motorola Moto G7, showing the contents of the retail package including the device, charger, cable, and SIM tool.

2.2 Inserting the SIM Card

1. Locate the SIM tray on the top edge of the phone.
2. Insert the SIM ejector tool into the small hole on the SIM tray to open it.
3. Place your nano-SIM card(s) and/or Micro SD card into the tray with the gold contacts facing down.
4. Carefully push the tray back into the phone until it clicks into place.

Figure 2.2: Top edge of the Moto G7, illustrating the location of the SIM tray.

2.3 Initial Power On and Setup

1. Press and hold the Power button on the right side of the device until the Motorola logo appears.
2. Follow the on-screen prompts to select your language, connect to Wi-Fi, and set up your Google account.
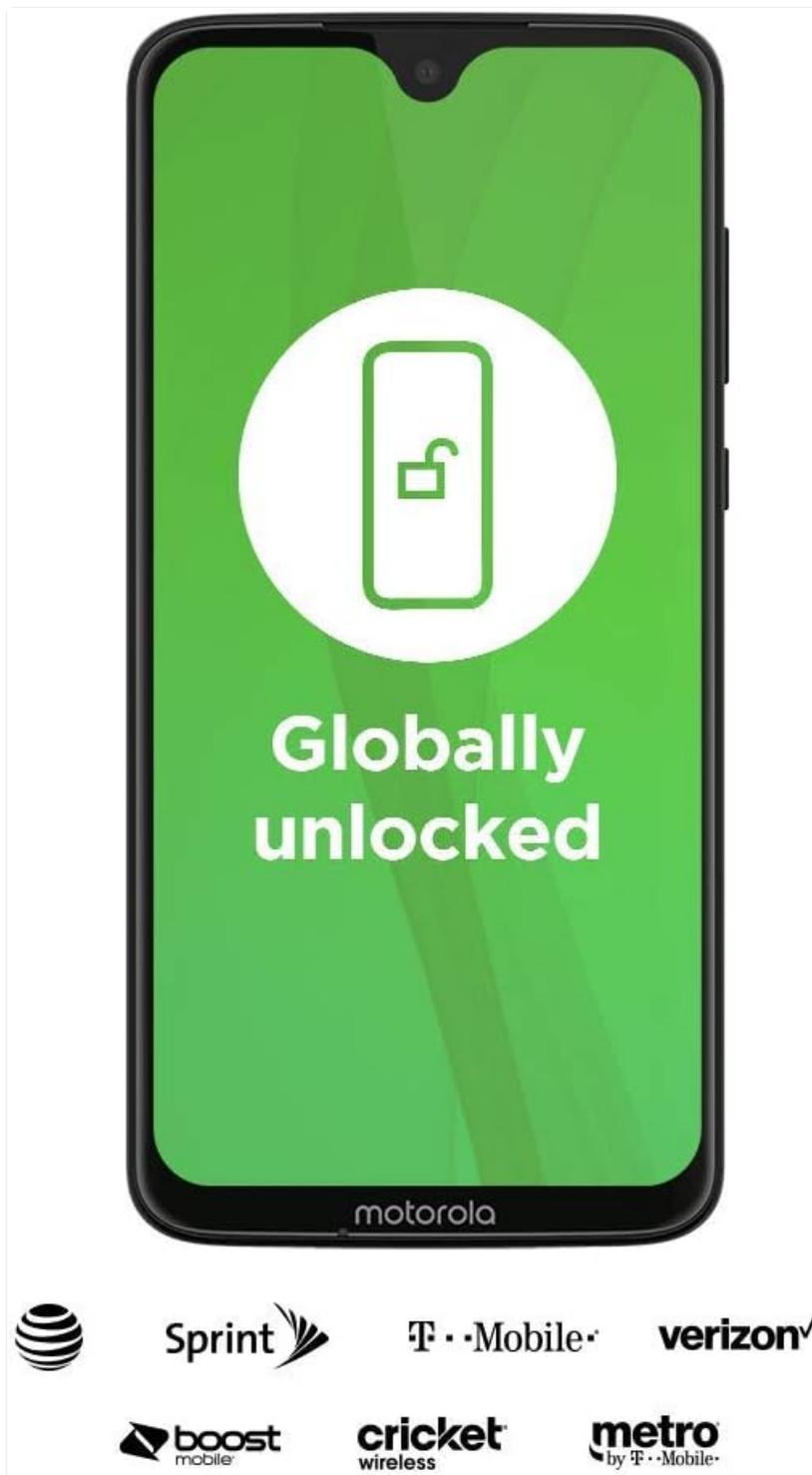3. You can choose to restore data from a previous device or set up as new.

Figure 2.3: The initial setup screen of the Moto G7, prompting for language selection.

2.4 Charging the Device

Connect the USB-C cable to the charging port at the bottom of the phone and the other end to the TurboPower adapter. Plug the adapter into a power outlet. The device supports 18W TurboPower for fast charging.

Figure 2.4: Bottom edge of the Moto G7, highlighting the USB-C charging port and 3.5mm audio jack.

3. DEVICE LAYOUT

The Motorola Moto G7 features a sleek design with strategically placed components for ease of use.

- **Front:** 6.2-inch Full HD+ Max Vision display with a teardrop notch for the front-facing camera.
- **Back:** Dual camera system with LED flash, and a fingerprint sensor integrated into the Motorola logo.
- **Right Side:** Power button and Volume rocker.
- **Bottom:** USB Type-C port, 3.5mm audio jack, and speaker grille.
- **Top:** SIM/Micro SD card tray and secondary microphone.

Figure 3.1: Rear view of the Moto G7, showing the dual camera module and the fingerprint sensor embedded in the Motorola logo.

4. OPERATING YOUR DEVICE

4.1 Basic Navigation

The Moto G7 runs on Android 9.0, offering an intuitive user experience. Use touch gestures to navigate: swipe up for the app drawer, swipe down for notifications and quick settings, tap to open apps, and pinch to zoom.

4.2 Camera Features

The device features a 12MP + 5MP dual camera system on the rear and an 8MP front-facing camera. The camera app includes various modes and features such as:

- **Portrait Mode:** For artistic depth-of-field effects.
- **Manual Mode:** For advanced control over camera settings.
- **Google Lens Integration:** For object recognition and information retrieval.
- **Screen Flash:** For improved low-light selfies.

Figure 4.1: Close-up of the Moto G7's 12MP dual camera system.

4.3 Security Features

The Moto G7 offers multiple security options to protect your device and data:

- **Fingerprint Sensor:** Located on the back, it allows for quick and secure unlocking.
- **Facial Recognition:** Unlock your phone using your face.
- **Pattern, PIN, and Password:** Standard Android security options.

4.4 Connectivity

The device supports various connectivity options:

- **Cellular:** Compatible with AT&T (VoLTE), Verizon (VoLTE), T-Mobile (VoLTE, WiFi Calling, Video Calling), and Tracfone (GSM, CDMA). Does not support Boost, U.S. Cellular, or Xfinity Wireless.
- **Wi-Fi:** Supports Wi-Fi 802.11 a/b/g/n, 2.4GHz + 5GHz, and Wi-Fi hotspot functionality.
- **Bluetooth:** Bluetooth 4.2 LE.
- **GPS:** True GPS, A-GPS, GLONASS, Galileo, Beidou.

carrier compatibility	AT&T Compatible & supports VoLTE	Verizon Compatible & supports VoLTE	T-Mobile Compatible & supports VoLTE, WiFi Calling, Video Calling
	Boost Not supported	U.S. Cellular Not supported	Google Fi Compatible & supports VoLTE, WiFi Calling
	Republic Wireless Compatible & supports VoLTE, WiFi Calling	Cricket (AT&T sub-brand) Compatible & supports VoLTE	Metro PCS (T-Mobile sub-brand) Compatible & supports VoLTE, WiFi Calling, Video Calling
	Tracfone (GSM) Compatible & supports VoLTE	Tracfone (CDMA) Compatible & supports VoLTE	Consumer Cellular Compatible & supports VoLTE
	Defense Mobile Compatible & supports VoLTE	Straight Talk Wireless (GSM) Compatible & supports VoLTE	Straight Talk Wireless (CDMA) Compatible & supports VoLTE
	Ting Compatible & supports VoLTE	Xfinity Wireless Not supported	Other MVNOs on Verizon's network Compatible & supports VoLTE
	Other MVNOs on AT&T network Compatible & supports VoLTE	Other MVNOs on TMO network Compatible & supports VoLTE	

Figure 4.2: Detailed chart of carrier compatibility for the Motorola Moto G7.

5. MAINTENANCE

5.1 Water Protection

The Moto G7 features a water protection design with an IP54 rating. This means the device is protected against dust ingress and splashing water from any direction. It is not designed to be submerged in water.

5.2 Battery Care

The device has a 3,000 mAh non-removable battery. To maximize battery life:

- Avoid extreme temperatures.
- Use the provided TurboPower charger for optimal charging speed and battery health.
- Periodically discharge the battery fully before recharging.

5.3 Software Updates

Ensure your device is running the latest software version for optimal performance and security. You can check for updates in the phone's settings menu under 'System' > 'System updates'.

6. TROUBLESHOOTING

If you encounter issues with your Moto G7, try the following steps:

- **Restart the Device:** A simple restart can resolve many minor software glitches.
- **Check Network Connection:** If experiencing call or data issues, verify your SIM card is properly inserted and that you have network coverage.
- **Clear App Cache:** If an app is misbehaving, try clearing its cache in 'Settings' > 'Apps & notifications' > [App Name] > 'Storage & cache'.
- **Factory Reset:** As a last resort, a factory reset can resolve persistent software problems.**Warning:** This will erase all data on your phone. Back up important information before proceeding.

7. SPECIFICATIONS

Feature	Specification
Model Number	PAE00009US
Operating System	Android 9.0
Display	6.2 Inches Full HD+ Max Vision (2270 x 1080)
Processor	Qualcomm Snapdragon 632 Octa-Core 1.8 GHz
RAM	4 GB
Internal Storage	64 GB (expandable up to 512 GB via Micro SD)
Rear Camera	12MP + 5MP Dual Camera with LED flash
Front Camera	8MP with screen flash
Battery	3000 mAh (non-removable) with 18W TurboPower charging
Connectivity	Wi-Fi, Cellular (GSM/CDMA), Bluetooth 4.2 LE, GPS
Ports	USB Type-C, 3.5mm Audio Jack
Security	Fingerprint Sensor, Facial Recognition
Water Protection	IP54 (water repellent design)
Dimensions	15.99 x 8.99 x 1 inches
Weight	11.2 ounces

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your device or visit the official Motorola support website. You can find additional resources and contact information at motorola.com/us/support.