

LG H830

LG G5 H830 T-Mobile Smartphone User Manual

Model: H830

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your LG G5 H830 T-Mobile smartphone. The LG G5 features a 5.3-inch QHD display, a powerful Snapdragon 820 processor, and an innovative modular design allowing for a removable battery and expandable functionalities.



Figure 1: Rear view of the LG G5 H830 T-Mobile smartphone, showcasing the dual camera setup and fingerprint sensor.

2. SETUP

2.1. Battery and SIM/SD Card Installation

The LG G5 features a unique modular design that allows for easy battery replacement and access to the SIM and microSD card slots.

1. **Remove the Bottom Module:** Locate the small button on the lower left side of the phone. Press and hold this button while gently pulling the bottom chin of the phone away from the main body. The battery is attached to this module.
2. **Insert Battery:** If the battery is not already attached to the module, align the battery with the connectors on the module and firmly push it into place.
3. **Insert SIM/microSD Card:** With the bottom module removed, you will see the SIM and microSD card slots on the side of the main phone body. Insert your Nano-SIM card and/or microSD card (up to 256 GB) into their respective slots. Ensure they are correctly oriented.

4. **Reattach Module:** Align the bottom module with the main body of the phone and slide it back into place until it clicks securely.





Figure 2: Side view of the LG G5 H830, illustrating its sleek profile and the modular bottom section.

2.2. Initial Power On and Setup Wizard

Press and hold the Power/Lock button (located on the back of the phone, integrated with the fingerprint sensor) until the LG logo appears. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, Google account setup, and security settings.

3. OPERATING YOUR LG G5

3.1. Display and Navigation

The LG G5 features a 5.3-inch QHD (1440 x 2560 pixels) display with a pixel density of approximately 554 ppi. Navigation is primarily done via the on-screen navigation bar at the bottom of the display.





Figure 3: Front view of the LG G5 H830 with its vibrant display active, showing the home screen.

3.2. Camera Functions

The LG G5 is equipped with a dual rear camera system (16MP primary, 8MP wide-angle) and an 8MP front camera. Key features include laser autofocus, Optical Image Stabilization (OIS), and an LED flash.

- **Switching Lenses:** In the camera app, tap the icon to switch between the standard and wide-angle lenses for different perspectives.
- **Shooting Modes:** Access various shooting modes like Auto, Manual, Panorama, and Slow-motion from the camera interface.
- **Video Recording:** The camera supports video capture up to 1080p at 60 fps.

3.3. Audio and Connectivity

The device includes a 3.5mm headphone jack for audio output. For charging and data transfer, a USB Type-C port is located at the bottom. Wireless connectivity options include Wi-Fi and 4G LTE.

3.4. Fingerprint Sensor

The rear-mounted fingerprint sensor provides secure and quick unlocking of your device. To set up, navigate to **Settings > Fingerprints & security > Fingerprints** and follow the instructions.

4. MAINTENANCE

4.1. Battery Care

The LG G5 features a removable 2800 mAh Lithium-Ion battery. To maximize battery life:

- Avoid extreme temperatures.
- Use the original LG charger for optimal charging.
- If storing the device for extended periods, charge the battery to about 50% before storage.

4.2. General Device Care

- Keep the device clean using a soft, dry cloth.
- Avoid exposing the phone to excessive moisture or dust. While the phone has some water resistance, it is not fully waterproof.
- Protect the screen with a screen protector and use a protective case to prevent physical damage.

5. TROUBLESHOOTING

5.1. Common Issues and Solutions

- **Device not powering on:** Ensure the battery is correctly installed and charged. Connect to a charger for at least 15 minutes.
- **Poor battery life:** Reduce screen brightness, disable unnecessary background apps, or consider replacing the removable battery.
- **Network connectivity issues:** Check SIM card installation, restart the device, or contact your service provider (T-Mobile).
- **Fingerprint sensor not working:** Ensure your finger is clean and dry. Re-register your fingerprints if the issue persists.

6. SPECIFICATIONS

Feature	Specification
Brand	LG
Model Name	LG G5
Operating System	Android 6.0 (upgradable to Android 8.0 Oreo)
CPU Model	Snapdragon 820
CPU Speed	2150 MHz
RAM Memory Installed Size	4 GB
Memory Storage Capacity	32 GB (up to 22.4 GB usable)

Feature	Specification
Flash Memory Supported Size Maximum	256 GB (microSD dedicated slot)
Screen Size	5.3 Inches
Display Type	LCD
Resolution	1440 x 2560 pixels (QHD)
Display Pixel Density	554 Pixels Per Inch (PPI)
Refresh Rate	60 Hz
Optical Sensor Resolution (Rear)	16 MP (primary) + 8 MP (wide-angle)
Front Photo Sensor Resolution	8 MP
Camera Flash	Built-in LED
Video Capture Resolution	1080p at 60 fps
Battery Description	Lithium-Ion (2800 mAh)
Connector Type	USB Type C
Headphones Jack	3.5 mm
Biometric Security Feature	Fingerprint Recognition
Wireless Provider	T-Mobile (Locked)
Cellular Technology	4G LTE
Item Dimensions	5.88 x 2.91 x 0.3 inches
Item Weight	5.61 Ounces

7. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product packaging or visit the official LG website. For technical support, troubleshooting assistance, or service inquiries, please contact LG Customer Service or your T-Mobile service provider.

Online Resources:

- LG Official Support: www.lg.com/us/support
- T-Mobile Support: www.t-mobile.com/support