

LG Optimus L90 D415

LG Optimus L90 D415 Smartphone User Manual

Model: Optimus L90 D415

1. INTRODUCTION

This manual provides essential instructions for the proper use and maintenance of your LG Optimus L90 D415 smartphone. Please read this manual thoroughly before operating your device to ensure optimal performance and longevity. The LG Optimus L90 D415 is a GSM Unlocked 4G LTE Quad-Core Smartphone featuring an 8MP camera and running on Android 4.4.

2. SETUP

2.1 Package Contents

Verify that your package contains the following items:

- LG Optimus L90 D415 Smartphone
- Battery
- Charger
- USB Cable
- Quick Start Guide (if included)

2.2 Inserting the SIM Card and Battery

1. Power off the device and remove the back cover by gently prying it open from the notch located on the side or bottom edge.
2. Locate the SIM card slot. Insert your GSM SIM card with the gold contacts facing down and the cut corner aligned with the slot. Push until it clicks into place.
3. Insert the battery, ensuring the gold contacts on the battery align with the contacts in the phone. Gently press down until it is securely seated.
4. Replace the back cover, pressing along the edges until it snaps securely into place.



Image: Rear view of the LG Optimus L90 D415, illustrating the location for battery and SIM card insertion.

2.3 Charging the Battery

Before initial use, fully charge the battery. Connect the USB cable to the charging port on your phone and then connect the other end to the power adapter. Plug the adapter into a wall outlet. The charging indicator will appear on the screen.

2.4 Powering On/Off

- To power on: Press and hold the Power/Lock key (usually on the side) until the LG logo appears.
- To power off: Press and hold the Power/Lock key until the power options menu appears. Select

'Power off'.

3. OPERATING INSTRUCTIONS

3.1 Basic Navigation

The LG Optimus L90 D415 features a 4.7-inch touchscreen display. Navigate by tapping, swiping, pinching, and spreading your fingers on the screen.



Image: Front view of the LG Optimus L90 D415, showing the display and touch buttons.

3.2 Making and Receiving Calls

- To make a call: Tap the Phone icon, enter the number using the keypad, and tap the Call button.
- To answer a call: When a call comes in, swipe the green phone icon to the right.
- To end a call: Tap the red End Call button.

3.3 Sending Messages

Tap the Messaging icon to compose and send SMS (text) and MMS (multimedia) messages. Enter the recipient's number or select from contacts, then type your message.

3.4 Connecting to Wi-Fi

1. Go to Settings > Wi-Fi.
2. Toggle Wi-Fi on.
3. Select your desired network from the list and enter the password if prompted.

3.5 Using the Camera

The device is equipped with an 8MP rear camera and a front camera. Tap the Camera icon to open the camera application.

- Tap the Shutter button to take a photo.
- Tap the camera switch icon to toggle between the front and rear cameras.
- Tap the video icon to record videos.



Image: Side view of the LG Optimus L90 D415, highlighting the rear camera and flash.

4. MAINTENANCE

4.1 Cleaning the Device

Use a soft, lint-free cloth to clean the screen and body of the phone. Avoid using harsh chemicals or abrasive materials, as these can damage the device.

4.2 Software Updates

Periodically check for software updates to ensure your device has the latest features and security enhancements. Go to Settings > About phone > Software updates. Your device runs on Android 4.4, and updates may be available to newer versions like Lollipop, depending on regional availability and carrier support.

4.3 Battery Care

To prolong battery life, avoid exposing the phone to extreme temperatures. Use only LG-approved chargers and cables. For optimal performance, avoid fully discharging the battery frequently.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **Device not powering on:** Ensure the battery is charged. Try connecting the charger and waiting a few minutes before attempting to power on again.
- **No network signal:** Check if the SIM card is correctly inserted. Verify that Airplane Mode is off. Restart the device.
- **Slow performance:** Close unused applications. Clear cache from apps in Settings > Apps. Consider uninstalling rarely used apps.
- **Screen not responding:** Restart the device. If the issue persists, a factory reset might be necessary (see 5.2).

5.2 Factory Reset

A factory reset will erase all data from your phone and restore it to its original factory settings. Back up all important data before proceeding. To perform a factory reset, go to Settings > Backup & reset > Factory data reset.

6. SPECIFICATIONS

Detailed technical specifications for the LG Optimus L90 D415:

Feature	Specification
Model Name	Optimus L90
Operating System	Android 4.4
CPU Speed	1.2 GHz Quad-Core
Screen Size	4.7 Inches
Display Technology	LED
Memory Storage Capacity	8 GB
Wireless Carrier	Unlocked
Cellular Technology	2G, 3G, 4G
Connectivity Technology	Wi-Fi

Feature	Specification
GPS	GLONASS
Other Camera Features	Front, Rear (8MP)
Battery Capacity	4000 Milliamp Hours
Item Weight	8 ounces
Color	White
Date First Available	July 25, 2014

7. WARRANTY AND SUPPORT

Your LG Optimus L90 D415 smartphone is covered by a limited warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical support, service, or additional information, please visit the official LG website or contact LG customer service in your region.

Online Support: www.lg.com/us/support