

Xiaomi Redmi 12 4G LTE

Xiaomi Redmi 12 4G LTE User Manual

Model: Redmi 12 4G LTE | Brand: Xiaomi

1. INTRODUCTION

The Xiaomi Redmi 12 4G LTE is a feature-rich smartphone designed for everyday use. It boasts a large 90Hz FHD+ display, a premium glass back design, and a powerful MediaTek Helio G88 Octa-core processor. This manual provides essential information on setting up, operating, maintaining, and troubleshooting your device.



Figure 1: Front and back view of the Xiaomi Redmi 12 4G LTE in Polar Silver.

2. WHAT'S IN THE BOX

Upon unboxing your Xiaomi Redmi 12 4G LTE, verify that all the following items are included:

- Xiaomi Redmi 12 4G LTE Smartphone
- Fast Car Charger
- Adapter
- Phone Case
- USB Cable

3. SETUP

3.1. SIM Card and Storage Installation

The Redmi 12 4G LTE supports dual Nano SIM cards or a hybrid slot for one SIM and one MicroSD card (up to 1TB expandable storage). To install:

1. Locate the SIM tray on the side of the device.
2. Insert the SIM ejector tool into the small hole next to the tray and push gently until the tray pops out.
3. Place your Nano SIM card(s) and/or MicroSD card into the designated slots on the tray. Ensure proper orientation.
4. Carefully push the tray back into the device until it is flush with the side.

3.2. Initial Charging

Before first use, it is recommended to fully charge your device. Use the provided adapter and USB cable. The device features a large 5000mAh battery and supports 18W fast charging.

3.3. Power On and Initial Configuration

Press and hold the power button until the Xiaomi logo appears. Follow the on-screen prompts to select your language, connect to Wi-Fi, and set up your Google account. The device runs on MIUI 14 based on Android 13.

4. OPERATING INSTRUCTIONS

4.1. Display and Navigation

The Redmi 12 features a 6.79-inch FHD+ DotDisplay with a 90Hz AdaptiveSync refresh rate for smooth visuals. It also includes SGS Low Blue Light Certification and Reading mode 3.0 for eye comfort. Navigate using the touchscreen and on-screen buttons.

4.2. Camera Features

Capture high-quality photos and videos with the triple camera system:

- **50MP Main Camera:** f/1.8 aperture for detailed shots.
- **8MP Ultra-wide Camera:** 120° FOV, f/2.2 for expansive scenes.
- **2MP Macro Camera:** f/2.4 for close-up photography.

Rear camera video recording supports 1080P at 30fps and 720P at 30fps.



Figure 2: Rear camera module of the Xiaomi Redmi 12 4G LTE.

4.3. Performance and Storage

Powered by the MediaTek Helio G88 Octa-core processor, the device offers smooth performance for daily tasks. It comes with 4GB RAM and 128GB of internal storage, expandable up to 1TB via MicroSD card.

4.4. Audio and Connectivity

The Redmi 12 features a 3.5mm headphone jack for wired audio and supports FM radio. Wireless connectivity includes Wi-Fi (2.4GHz | 5GHz) and Bluetooth 5.3. For navigation, it supports GPS, Glonass, Galileo, and Beidou.

4.5. Security Features

Unlock your device securely using the side-mounted fingerprint sensor or AI face unlock.

5. MAINTENANCE

5.1. Battery Care

To maximize battery life, avoid extreme temperatures. Use only the provided or certified charging accessories. Regular full charge cycles are recommended, but avoid leaving the device plugged in for extended periods after reaching 100%.

5.2. Device Cleaning

Clean the screen and body with a soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials that could damage the device's finish or screen coating.

6. TROUBLESHOOTING

6.1. Network Connectivity Issues (USA Market)

Please note that for the USA market, this global version of the Redmi 12 4G LTE is designed to work specifically on T-Mobile, Mint, and Tello networks. If you experience issues with mobile data or calls on other carriers, verify your network compatibility. Ensure your SIM card is properly inserted and your APN settings are correctly configured for your carrier.

6.2. Slow Performance or App Switching Delays

While the MediaTek Helio G88 processor provides good performance for everyday use, occasional slowdowns may occur, especially when switching between multiple demanding applications. To improve performance:

- Close unused background applications.
- Clear app caches regularly.
- Ensure sufficient free storage space.
- Restart the device periodically.

7. SPECIFICATIONS

Feature	Detail
Model Name	Redmi 12 4G LTE
Brand	Xiaomi
Operating System	MIUI 14 based on Android 13
Screen Size	6.79 Inches
Resolution	2460 x 1080
Refresh Rate	90 Hz
CPU Model	MediaTek Helio G88 Octa-core
RAM	4 GB
Memory Storage Capacity	128 GB (Expandable up to 1TB)
Battery Capacity	5000 mAh
Main Camera	50MP Triple Camera
Audio Jack	3.5 mm
Connectivity	USB-C, Wi-Fi (2.4/5GHz), Bluetooth 5.3
Security	Side Fingerprint Sensor, AI Face Unlock
Item Weight	7 ounces
Color	Polar Silver

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Xiaomi website or contact their customer service. Keep your proof of purchase for any warranty claims.

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