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> realme 13 5G User Manual

realme RMX3951

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Model: RMX3951

Brand: realme

1. INTRODUCTION

The realme 13 5G combines cutting-edge technology with sleek design to deliver an exceptional smartphone experience. Powered by the advanced MediaTek Dimensity processor, it ensures seamless performance for multitasking, gaming, and browsing. Its 6.72-inch FHD+ display offers vibrant colors and sharp contrasts, bringing your content to life. Equipped with 8GB of RAM and 128GB of internal storage, expandable via microSD, the realme 13 5G provides ample space and speed for a smooth, lag-free experience. The advanced triple camera setup, featuring a 50MP main camera, 8MP ultra-wide lens, and 2MP macro lens, captures stunning photos in any setting, while the 16MP AI-enhanced front camera ensures flawless selfies. Designed with DAK-level efficiency, its powerful battery and fast charging capabilities keep you connected all day long. The realme 13 5G offers enhanced connectivity with 5G support, UFS storage, OTG, and advanced security features, including facial recognition and fingerprint sensors, ensuring your data remains safe. With additional features like Night Mode, HDR, AI scene recognition, and a user-friendly realme UI, the realme 13 5G is not just a smartphone—it's a statement of performance, innovation, and style, making it the perfect choice for work, play, and everything in between.



Figure 1.1: The realme 13 5G smartphone, highlighting its key features including the 50MP AI Dual Camera, Dimensity 6300 5G Chipset, 45W Fast Charge capability, and 5000mAh Massive Battery. The phone is shown in a vibrant Speed Green color.

2. WHAT'S IN THE BOX

Upon unboxing your realme 13 5G, please verify that all the following items are included:

- realme 13 5G Smartphone
- USB Type-C Cable
- Power Adapter
- Protective Case
- Screen Protect Film (pre-applied or included)
- SIM Card Needle

3. SETUP

3.1 Initial Setup

1. **Insert SIM Card:** Locate the SIM card tray on the side of the device. Use the provided SIM card needle to eject the tray. Insert your Nano-SIM card(s) and/or microSD card into the designated slots, ensuring correct orientation. Gently push the tray back into the phone.
2. **Charge the Device:** Connect the USB Type-C cable to the phone's charging port and the power adapter. Plug the adapter into a power outlet. It is recommended to fully charge the device before first use. The 45W fast charging ensures quick power-up.
3. **Power On:** Press and hold the Power button (usually on the right side) until the realme logo appears.
4. **Follow On-Screen Instructions:** The phone will guide you through the initial setup process, including language selection, Wi-Fi connection, Google account setup, and data transfer (if applicable).

3.2 Powering On/Off and Restarting

- **To Power On:** Press and hold the Power button until the realme logo appears.
- **To Power Off:** Press and hold the Power button and Volume Up button simultaneously until the power menu appears. Select "Power off".
- **To Restart:** Press and hold the Power button and Volume Up button simultaneously until the power menu appears. Select "Restart".

4. OPERATING YOUR REALME 13 5G

4.1 Display and Navigation

- **6.72-inch Full HD+ Display:** Enjoy vibrant visuals with a resolution of 2400 x 1080 pixels and support for 16.7 million colors.
- **Touchscreen Navigation:** Navigate the interface using taps, swipes, pinches, and long presses.
- **Gestures & Motions:** Utilize various gestures for quick actions, such as drawing letters on the screen to open apps or flipping the phone to mute calls.
- **Eye Comfort & Dark Mode:** Reduce eye strain with Eye Comfort mode and switch to Dark Mode for a more comfortable viewing experience in low light.

4.2 Camera Features

- **Rear Camera System:**
 - **50MP Primary Camera:** Equipped with f/1.75 aperture and Optical Image Stabilization (OIS) for sharp, blur-free photos even in challenging conditions.
 - **2MP Portrait Camera:** For enhanced depth effects in portrait shots.
- **Front Camera:** 16MP front camera with f/2.45 aperture for high-quality selfies.
- **Photography Functions:** Photo Mode, Video Mode, Night Mode, Professional Mode, Portrait Mode, Street Mode, Panoramic view, Slow Motion, Tilt-shift, Time-lapse, Long Exposure Photo, Doc Scanner, Movie Mode, Dual-view Video, Google Lens.

- **Video Recording:** Supports 4K@30fps, 1080P@60fps/30fps, 720P@60fps/30fps for rear camera. Front camera supports 1080P@30fps. Features EIS/OIS for video stabilization.

4.3 Performance and Storage

- **Processor:** Powered by the Dimensity 6300 5G Chipset (Octa-core, 2.4 GHz) for smooth performance and 5G connectivity.
- **RAM:** 8GB RAM for efficient multitasking. Supports up to 18GB Dynamic RAM.
- **Internal Storage:** 128GB ROM.
- **Expandable Storage:** Expandable up to 2TB via microSD card. Supports OTG storage (FAT32, NTFS, EXFAT formats).

4.4 Battery and Charging

- **Battery Capacity:** Massive 5000mAh battery for extended usage.
- **Fast Charging:** Supports 45W Ultra Charging (SuperVOOC Charging) for rapid power replenishment.

4.5 Connectivity

- **Wireless:** Wi-Fi, Wi-Fi Direct, Hotspot, Bluetooth.
- **Navigation:** GPS (L1), GLONASS (G1), BDS (B1I), GALILEO (E1), QZSS (L1).
- **Audio:** 3.5 mm Audio Jack.

4.6 Special Features

- IP65 Waterproof IP Rating
- Fingerprint Payment & Face Recognition
- Oreality Audio Sound Effects
- Dual Mic Noise Cancellation
- App Lock, Private Safe (File Lock), Split Screen Mode
- Game Space, Game Voice Changer
- Always-On Display, Screen Recording
- Hi-Res Audio Certification

5. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body of the phone. Avoid using harsh chemicals or abrasive materials.
- **Software Updates:** Regularly check for and install system updates to ensure optimal performance, security, and access to new features. Go to Settings > About device > Up to date.
- **Battery Care:** To prolong battery life, avoid extreme temperatures. Do not let the battery completely drain frequently. Use the original charger and cable for optimal charging.
- **Storage Management:** Periodically clear unnecessary files, cache, and uninstall unused apps to free up storage space and maintain device speed.
- **Water Resistance:** The device has an IP65 rating, meaning it is protected against low-pressure water jets from any direction. However, it is not fully waterproof. Avoid submerging the device in water or exposing it to high-pressure water.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your realme 13 5G.

Issue	Possible Cause	Solution
Phone not turning on	Low battery; System crash	Charge the phone for at least 30 minutes. Perform a forced restart by holding the Power button and Volume Up button for 10 seconds.
Battery drains quickly	Too many background apps; High screen brightness; Network issues	Close unused apps. Reduce screen brightness. Turn off Wi-Fi/Bluetooth when not in use. Check battery usage in Settings to identify draining apps.
Apps crashing or freezing	App bug; Insufficient RAM; Outdated software	Clear app cache/data (Settings > Apps). Update the app from Google Play Store. Update phone software. Restart the phone.
Poor camera quality	Dirty lens; Low light; Incorrect settings	Clean the camera lens with a soft cloth. Ensure good lighting. Adjust camera settings (e.g., enable HDR, use Night Mode).
Cannot connect to Wi-Fi/Bluetooth	Router issue; Incorrect password; Device bug	Restart your router. Forget the network on your phone and reconnect. Reset network settings (Settings > System > Reset options).

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	RMX3951
Operating System	Android 14 Realme UI 5.0
RAM	8 GB (Expandable Upto 18GB Dynamic RAM)
Internal Storage	128 GB ROM (Expandable Upto 2 TB via microSD)
Processor	Dimensity 6300 5G Processor (Octa-core, 2.4 GHz)
Display Size	17.07 cm (6.72 inch) Full HD+
Display Resolution	2400 x 1080 Pixels
Rear Camera	50MP (f/1.75, OIS) + 2MP (Portrait)
Front Camera	16MP (f/2.45)
Battery Capacity	5000 mAh
Charging	45W Ultra Charging (SuperVOOC)
Connectivity	Wi-Fi, Bluetooth, GPS, 5G
Audio Jack	3.5 mm
Dimensions (LxWxH)	16.29 x 7.45 x 0.87 cm
Weight	190 g
Color	Speed Green
Water Resistance	IP65 Rating

8. WARRANTY AND SUPPORT

Your realme 13 5G comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details.

Customer Support Information:

- **Customer Support Number:** 18001022777
- **realme Customer Helpline No:** 18001022777
- **Website Link for Customer Support:** <https://www.realme.com/in/support>
- **Find realme Service Center (PAN INDIA):** <https://www.realme.com/in/support/services>
- **Customer Support Email:** service.in@realme.com
- **Manufacturer/Importer/Marketer Name & Address:** Realme Mobile Telecommunications (India) Private Limited, Srei, Level 5, Maruti Udyog Sector 18, Plot 14-A, Anath Road, Gurgaon, Haryana 1
- **Country of Manufacture:** China
- **Country of Brand Origin:** China