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Motorola Edge 50 Pro (International Version) XT2403-2

Motorola Edge 50 Pro 5G

User Manual

Introduction What's in the Box Setup Operating Your Device Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Welcome to the user manual for your new Motorola Edge 50 Pro 5G smartphone. This guide provides essential information to help you set up, operate, maintain, and troubleshoot your device. The Motorola Edge 50 Pro is designed with advanced features to enhance your mobile experience, including a vibrant pOLED display, powerful camera system, and robust performance.
Key features include:

- **Stunning Display:** 6.7-inch Super HD (2712 x 1220) pOLED display with 144Hz refresh rate and HDR10+.
- **Advanced Camera System:** Rear cameras (50MP + 13MP ultrawide/macro + 10MP telephoto with 3x optical zoom) and a 50MP front camera, enhanced by AI.
- **Powerful Performance:** Equipped with the Snapdragon 7 Gen 3 Mobile Platform.
- **Long-lasting Battery:** 4500 mAh battery with 125W TurboPower fast charging.
- **Durable Design:** Features Gorilla Glass screen and IP68 water and dust protection.



Image: The Motorola Edge 50 Pro 5G in Black Beauty - Vegan Leather, showcasing its sleek design and camera module.

2. What's in the Box

Upon opening your Motorola Edge 50 Pro 5G package, you should find the following items:

- Motorola Edge 50 Pro 5G Smartphone
- 125W TurboPower Charger (Non-US plug)

- USB Type-C to USB Type-C Cable
- SIM Tray Ejector Tool

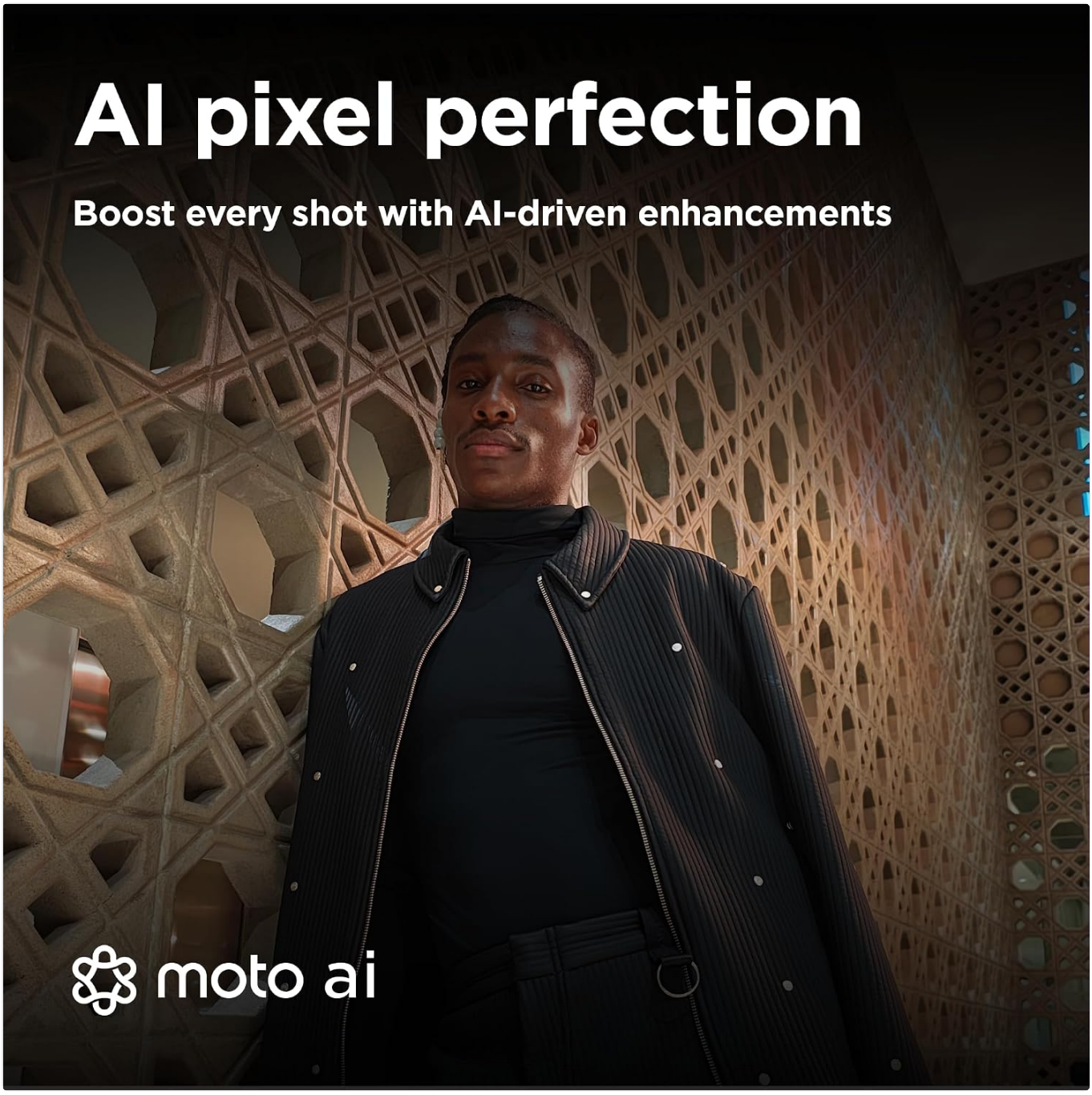

Image: The Motorola Edge 50 Pro 5G box contents, including the phone, charger, and cable.

3. Setup

3.1. Inserting SIM Card(s)

The Motorola Edge 50 Pro 5G supports Dual SIM functionality (1x Nano-SIM slot and eSIM). Ensure your device is powered off before inserting or removing SIM cards.

1. Locate the SIM tray on the side of your phone.
2. Insert the SIM tray 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) into the designated slots on the tray, ensuring the gold contacts face down.
4. Carefully push the SIM tray back into the phone until it clicks into place.

5. For eSIM activation, follow the on-screen instructions during initial setup or navigate to the network settings later.

3.2. Initial Charging and Power On

It is recommended to fully charge your device before first use.

1. Connect the USB Type-C cable to the 125W TurboPower charger.
2. Plug the charger into a power outlet.
3. Connect the other end of the USB Type-C cable to the charging port on your phone.
4. The phone will indicate charging status. A full charge can be achieved rapidly with the TurboPower charger.
5. To power on, press and hold the Power button (usually on the right side) until the Motorola logo appears.

4. Operating Your Device

4.1. Display and Navigation

Your Motorola Edge 50 Pro features a 6.7-inch Super HD pOLED display with a 144Hz refresh rate, providing smooth visuals and vibrant colors. Navigate the Android 14 operating system using intuitive gestures or traditional navigation buttons.

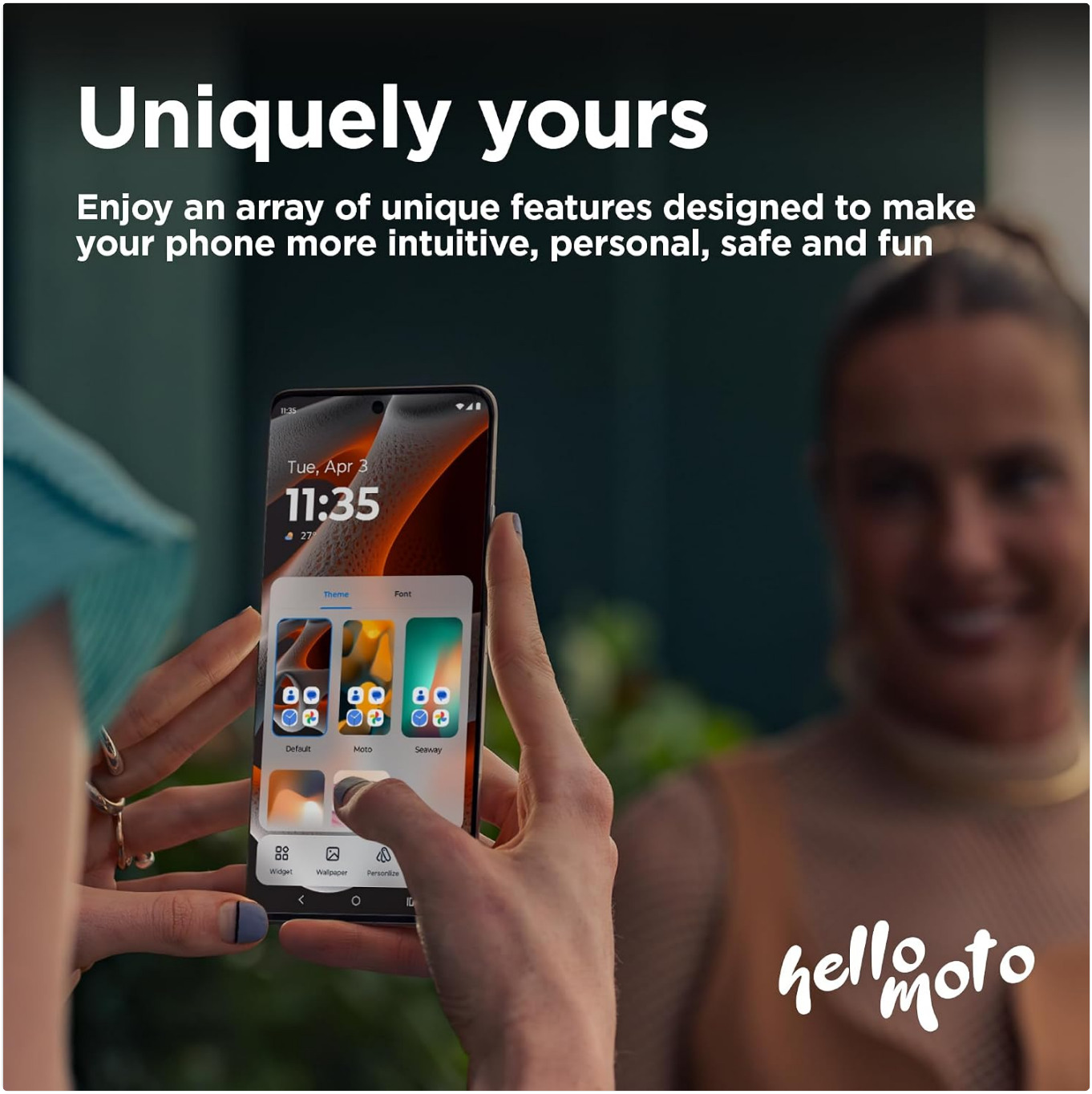

Image: The Motorola Edge 50 Pro 5G display showcasing personalization options, highlighting the "Uniquely yours" feature.

4.2. Camera Features

Capture stunning photos and videos with the versatile camera system. The rear setup includes a 50MP main sensor, a 13MP ultrawide and macro lens, and a 10MP telephoto lens with 3x optical zoom. The front camera is a high-resolution 50MP sensor for clear selfies.



Image: Detailed view of the Motorola Edge 50 Pro 5G's rear camera array, emphasizing its 50MP OIS, 13MP Ultrawide/Macro, and 10MP 3x Telephoto lenses, along with the 50MP front camera.

The camera system is enhanced by Moto AI, providing features like AI pixel perfection to boost your shots.

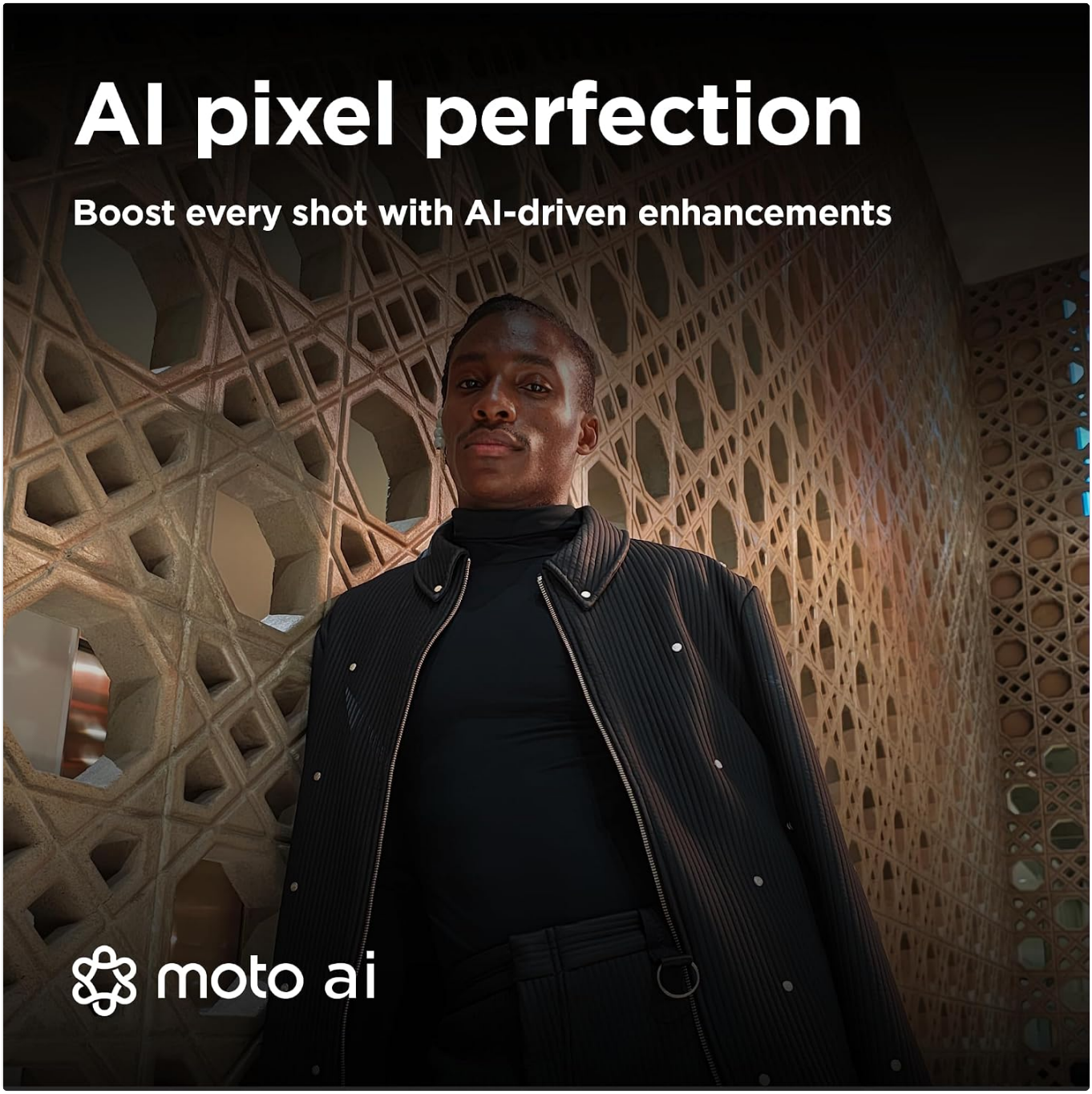

Image: A visual representation of the "AI pixel perfection" feature, showing how the phone's AI enhances photo quality.

4.3. Connectivity

Stay connected with comprehensive wireless options:

- **5G Network Support:** Enjoy fast mobile data speeds.
- **Wi-Fi 6E:** For high-speed wireless internet connections (2.4 GHz, 5 GHz, 6GHz bands).
- **Bluetooth 5.4:** For connecting wireless accessories like headphones and smartwatches.
- **NFC:** For contactless payments and quick pairing with compatible devices.

5. Maintenance

5.1. Cleaning Your Device

To keep your phone in optimal condition, regularly clean its surfaces. Use a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics. Avoid harsh chemicals or abrasive materials.

5.2. Software Updates

Motorola regularly releases software updates to improve performance, add new features, and enhance security. It is recommended to keep your device's software up to date. You can check for updates in your phone's Settings menu under "System updates" or "Software update."

5.3. Battery Care

The 4500 mAh battery is designed for extended use. To prolong battery lifespan:

- Avoid extreme temperatures.
- Use the provided 125W TurboPower charger for optimal charging.
- Avoid completely draining the battery frequently.

5.4. Water and Dust Protection

The Motorola Edge 50 Pro 5G features IP68 water and dust protection, meaning it can withstand immersion in up to 1.5 meters of fresh water for up to 30 minutes. While resistant, it is not waterproof. Avoid exposing the device to saltwater, chlorinated water, or other liquids. Always ensure ports are dry before charging.



Image: The Motorola Edge 50 Pro 5G demonstrating its IP68 water and dust protection, alongside Gorilla Glass screen durability.

6. Troubleshooting

If you encounter issues with your device, try the following common troubleshooting steps:

- **Device Not Responding:** Press and hold the Power button for about 10-15 seconds to force a restart.
- **Charging Issues:** Ensure the charger and cable are securely connected and undamaged. Try a different power outlet.
- **Connectivity Problems (Wi-Fi/Bluetooth):** Turn Wi-Fi or Bluetooth off and then on again. Restart your phone. For Wi-Fi, try restarting your router.
- **App Crashing/Freezing:** Close the app and reopen it. If the issue persists, clear the app's cache and data in Settings > Apps.
- **Poor Call Quality:** Check your network signal strength. Move to an area with better reception.
- **Slow Performance:** Close unused apps, clear cache, or restart your device. Consider freeing up storage space.

If these steps do not resolve the issue, refer to the Motorola support website or contact customer service for further assistance.

7. Specifications

Feature	Detail
Model Name	Edge 50 Pro (International Version)
Model Number	PB1J0006GB
Display	6.7-inch Super HD (2712 x 1220) pOLED, 144Hz Refresh Rate, HDR10+
Processor	Snapdragon 7 Gen 3 Mobile Platform (2.63GHz Qualcomm Kryo CPU)
RAM	12GB LPDDR4X RAM
Storage	512GB UFS 2.2C Storage
Operating System	Android 14
Rear Camera	50MP + 13MP (Ultrawide/Macro) + 10MP (3x Telephoto)
Front Camera	50MP
Battery	4500 mAh, 125W TurboPower Charging
Connectivity	5G, Wi-Fi 6E (802.11 a/b/g/n/ac/ax), Bluetooth 5.4, NFC
SIM Support	Dual SIM (1x Nano-SIM, eSIM)
Dimensions	161.23 x 72.4 x 8.19mm
Weight	186g (6.56 oz)
Water/Dust Resistance	IP68

Feature	Detail
Audio Jack	No headphone jack

8. Warranty & Support

Your Motorola Edge 50 Pro 5G comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official Motorola website for detailed warranty terms and conditions specific to your region.

For technical support, frequently asked questions, and additional resources, please visit the official Motorola support website. You can typically find support contact information and service center locations there.

Online Support: www.motorola.com/support

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