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Black Shark Black Shark 4

Black Shark 4 5G Gaming Smartphone User Manual

Model: Black Shark 4

1. Introduction

Welcome to the Black Shark 4 user manual. This guide provides detailed instructions on how to set up, operate, and maintain your new Black Shark 4 5G Gaming Smartphone. Designed for an immersive gaming experience, the Black Shark 4 combines powerful hardware with user-friendly features.



Figure 1: Black Shark 4 5G Gaming Smartphone (Grey)

This image shows the Black Shark 4 smartphone from both the front and back, highlighting its sleek design and the triple camera setup on the rear. The front display shows a 144Hz refresh rate indicator, emphasizing its gaming capabilities.

2. Safety Information

Please read all safety information before using your device to ensure safe and proper operation and to learn how to dispose of your device properly.

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Use only approved chargers and accessories to prevent damage and ensure safety.
- Avoid dropping or subjecting the device to severe impact.
- Keep the device away from medical devices to avoid interference.
- Dispose of batteries and the device according to local regulations.

3. Package Contents

Verify that your package contains the following items:

- Black Shark 4 5G Gaming Smartphone
- Power Adapter (67W standard charger)
- USB Type-C Cable
- SIM Ejector Tool
- Quick Start Guide
- Protective Case

4. Device Layout

Familiarize yourself with the physical components of your Black Shark 4 smartphone.



Figure 2: Black Shark 4 Front and Rear View

This image provides a detailed view of the Black Shark 4, showcasing its full-screen display and the rear panel design, including the camera module and the Black Shark logo.







Figure 3: Black Shark 4 Right Side View

This image focuses on the right side of the Black Shark 4, showing the power button with integrated fingerprint sensor and the magnetic pop-up triggers in their retracted position.





Figure 4: Black Shark 4 Left Side View

This image displays the left side of the Black Shark 4, featuring the volume rocker and the slider switches for activating the magnetic pop-up triggers.

Key Components:

- **Front Camera:** For selfies and video calls.
- **Earpiece:** For audio during calls.
- **Display:** 6.67" AMOLED display with 144Hz refresh rate.
- **Power Button/Fingerprint Sensor:** Located on the right side for power control and secure unlocking.
- **Volume Buttons:** Located on the left side for adjusting audio levels.
- **Magnetic Pop-up Triggers:** Retractable physical buttons on the right side for enhanced gaming control.
- **USB Type-C Port:** For charging and data transfer.
- **3.5mm Audio Jack:** For connecting headphones.
- **Triple Camera System:** Rear cameras (48MP main, 8MP ultra-wide, 5MP macro).
- **SIM Card Tray:** For inserting Nano-SIM cards.
- **Symmetry Stereo Speakers:** For immersive audio output.

5. Setup

5.1. Initial Power On

1. Press and hold the **Power Button** on the right side of the device until the Black Shark logo appears.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account login.

5.2. SIM Card Installation

1. Locate the SIM card tray on the side of the phone.
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) into the tray with the gold contacts facing down. Ensure proper orientation.
4. Carefully push the tray back into the phone until it is flush with the side.

5.3. Charging Your Device

The Black Shark 4 supports 120W Hyper Charging for incredibly fast charging times.

1. Connect the **USB Type-C Cable** to the charging port at the bottom of the phone.
2. Connect the other end of the cable to the provided **Power Adapter**.
3. Plug the power adapter into a wall outlet.
4. The charging indicator will appear on the screen. A full charge of the 4500mAh battery can be achieved rapidly with the 120W charger.

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Video 1: Black Shark 4 5G Gaming Smartphone Overview

This video provides a comprehensive overview of the Black Shark 4 5G Gaming Smartphone, showcasing its key features including the Snapdragon 870 processor, magnetic pop-up triggers, 120W Hyper Charge, 4500mAh battery, and 144Hz E4 AMOLED display. It also highlights accessories like the Funcase and Funcooler 2Pro.

6. Operating Your Device

6.1. Basic Navigation

- **Touchscreen Gestures:** Use taps, swipes, pinches, and long presses to interact with the display.
- **Home Screen:** Swipe left or right to navigate between home screens.
- **App Drawer:** Swipe up from the bottom of the screen to access all installed applications.
- **Notifications & Quick Settings:** Swipe down from the top of the screen to view notifications and quick settings toggles.

6.2. Using Magnetic Pop-up Triggers

The Black Shark 4 features innovative magnetic pop-up triggers for enhanced gaming control.

1. Locate the two slider switches on the left side of the phone.
2. Slide the switches upwards to deploy the magnetic triggers. They will pop out from the side of the phone.
3. In games, these triggers can be mapped to in-game actions for a more tactile and responsive experience.
4. To retract the triggers, slide the switches downwards. They will seamlessly disappear into the phone's edge.

6.3. Display Settings (144Hz)

Experience ultra-smooth visuals with the 144Hz refresh rate AMOLED display.

- Navigate to **Settings** > **Display** > **Refresh Rate**.
- Select **144Hz** for the smoothest visual experience, especially in supported games. You can also choose lower refresh rates to conserve battery.
- The 720Hz touch sampling rate ensures minimal touch delay for responsive gaming.

6.4. Camera Usage

The Black Shark 4 is equipped with a versatile triple camera system.

- Open the **Camera** application.
- Switch between the 48MP main camera, 8MP ultra-wide camera, and 5MP macro lens using the on-screen options.
- Explore various modes such as Photo, Video, Portrait, Night, and Pro mode for advanced settings.
- Record high-definition 4K videos at 60 frames per second with Electronic Image Stabilization (EIS).

6.5. Gaming Features

Leverage the power of the Snapdragon 870 and advanced cooling for optimal gaming performance.

- **Snapdragon 870:** Ensures smooth gameplay and fast app loading.
- **Liquid Cooling System:** The multi-layer liquid cooling system helps dissipate heat during intense gaming sessions, maintaining peak performance.
- **Game Space:** Utilize the dedicated Game Space app to optimize game performance, manage notifications, and customize settings for individual games.

6.6. Audio

The Black Shark 4 features Symmetry Stereo Speakers for an immersive audio experience.

- Enjoy high-quality audio for games, movies, and music.
- Connect wired headphones via the 3.5mm audio jack or Bluetooth headphones for wireless audio.

7. Maintenance

7.1. Cleaning Your Device

- Use a soft, lint-free cloth to clean the screen and body of the phone.
- Avoid using harsh chemicals or abrasive materials.
- Keep ports free of dust and debris.

7.2. Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Store the device in a cool, dry place when not in use for extended periods.
- While 120W fast charging is supported, occasional slower charging can help maintain battery health over time.

7.3. Software Updates

Regularly check for and install software updates to ensure optimal performance and security.

- Go to **Settings > About phone > System update**.
- Follow the on-screen instructions to download and install any available updates.

8. Troubleshooting

Problem	Possible Solution
Device not turning on	Ensure the battery is charged. Connect to the charger for at least 15 minutes. If still unresponsive, perform a forced restart by holding the Power button for 10-15 seconds.
Slow performance	Close background applications. Clear cache. Restart the device. Ensure sufficient storage space.
Battery draining quickly	Reduce screen brightness. Disable unused features like Wi-Fi, Bluetooth, GPS. Limit background app activity. Check for power-intensive apps in battery usage settings.
Network connectivity issues	Check SIM card installation. Restart the device. Toggle Airplane mode on/off. Reset network settings (Settings > System > Reset options > Reset Wi-Fi, mobile & Bluetooth).

Problem	Possible Solution
Magnetic triggers not popping up	Ensure the slider switches are fully engaged. Check for any physical obstructions. If the issue persists, contact support.

9. Specifications

Detailed technical specifications for the Black Shark 4 5G Gaming Smartphone.

- **Model Name:** Black Shark 4
- **Operating System:** Android (JoyUI)
- **Processor:** Snapdragon 870
- **RAM:** 8 GB (also 12 GB variant mentioned in feature bullets)
- **Storage:** 128GB (also 256GB variant mentioned in feature bullets), UFS3.1
- **Display:** 6.67 Inches AMOLED, 144Hz Refresh Rate, 1080 x 2340 Resolution, 720Hz Touch Response
- **Battery:** 4500 mAh (Dual Cell eSports battery technology)
- **Charging:** Up to 120W Hyper Charge
- **Rear Camera:** 48MP Main, 8MP Ultra-wide, 5MP Macro
- **Connectivity:** 5G Cellular, NFC, Wi-Fi, Bluetooth
- **Audio:** Symmetry Stereo Speakers, 3.5mm Audio Jack
- **Dimensions:** 6.45 x 3.01 x 0.41 inches
- **Item Weight:** 1.3 pounds

10. Warranty and Support

For warranty information and customer support, please refer to the official Black Shark website or contact their authorized service centers.

- **Official Website:** global.blackshark.com
- **Customer Service:** Refer to your regional Black Shark support contact information.
- Keep your proof of purchase for warranty claims.

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