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Black Shark Black Shark 5 Pro

Black Shark 5 Pro Gaming Phone User Manual

Model: Black Shark 5 Pro

1. Introduction

Welcome to the world of unparalleled mobile gaming with the Black Shark 5 Pro. Engineered for peak performance, this device combines cutting-edge hardware with intuitive software to deliver an immersive and responsive experience. This manual will guide you through setting up, operating, and maintaining your new gaming phone.



Figure 1: Black Shark 5 Pro Gaming Phone

For a comprehensive overview of the Black Shark 5 Pro and its accessories, watch the official product video:

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Video 1: Black Shark 5 Pro Global - THE GAME BEAST! Unboxing and Features

2. What's in the Box

Ensure all items are present upon unboxing:

- Black Shark 5 Pro Smartphone
- Power Adapter (120W Hyper Charge)
- USB Cable (Type-C)
- SIM Tray Ejector

- Phone Case

3. Product Overview

The Black Shark 5 Pro is designed with gamers in mind, featuring a robust build and strategic component placement.

3.1 Key Components

- **Display:** 6.67-inch Flexible OLED with 144Hz refresh rate.
- **Processor:** Qualcomm Snapdragon 8 Gen 1 (4nm process).
- **Cooling System:** Anti-Gravity Dual VC Liquid Cooling (5320mm² total dissipation area).
- **Triggers:** Magnetic Pop-Up Triggers for enhanced gaming control.
- **Audio:** Dual Linear Speakers with 4 driver chips, top-ranked in DXOMARK Audio.
- **Charging:** 120W Hyper Charge for rapid battery replenishment.
- **Operating System:** JOYUI 13 based on Android 12.



Figure 2: Overview of Black Shark 5 Pro's core features.

4. Setup

4.1 Inserting SIM Card

1. Locate the SIM card tray on the bottom edge of the phone.
2. Insert the SIM tray ejector tool into the small hole next to the tray.
3. Gently push until the tray pops out.
4. Place your Nano-SIM cards into the designated slots on the tray.
5. Carefully reinsert the tray into the phone.

4.2 Initial Charge

Before first use, fully charge your Black Shark 5 Pro using the provided 120W Hyper Charge adapter and USB cable. A full charge can be achieved in approximately 15 minutes in Ultimate Mode.

5. Operating Your Device

5.1 Display and Interaction

The 6.67-inch OLED display offers a vibrant visual experience with a 144Hz refresh rate for ultra-smooth motion and a 720Hz touch sampling rate for minimal latency. It supports 10-bit color depth, 5,000,000:1 contrast ratio, and up to 1300 nits peak brightness with HDR10+ support.



Figure 3: 144Hz E-Sports Display with 10-bit Color Depth.

The device features dual ambient light sensors for automatic brightness adjustment and a dual-zone pressure-sensitive display for enhanced on-screen operations, enabling 3D touch functionality through finger pressure.



Figure 4: Dual Ambient Light Sensors and Dual Zone Pressure-Sensitive Display.

5.2 Magnetic Pop-Up Triggers

The magnetic pop-up triggers provide physical buttons for a console-like gaming experience. These triggers can be customized for various in-game actions or even as shortcuts for daily phone functions.

5.3 Performance Modes

The Black Shark 5 Pro utilizes the Snapdragon 8 Gen 1 processor for unmatched performance. It features GameEngine Performance Optimization with AI process monitoring and ThermalControl technologies to improve application launch rates and game frame rate stability.



Figure 5: Snapdragon 8 Gen 1 Performance Evolution.

For extended gaming sessions, the Anti-Gravity Dual VC Liquid Cooling system efficiently dissipates heat, ensuring sustained peak performance.

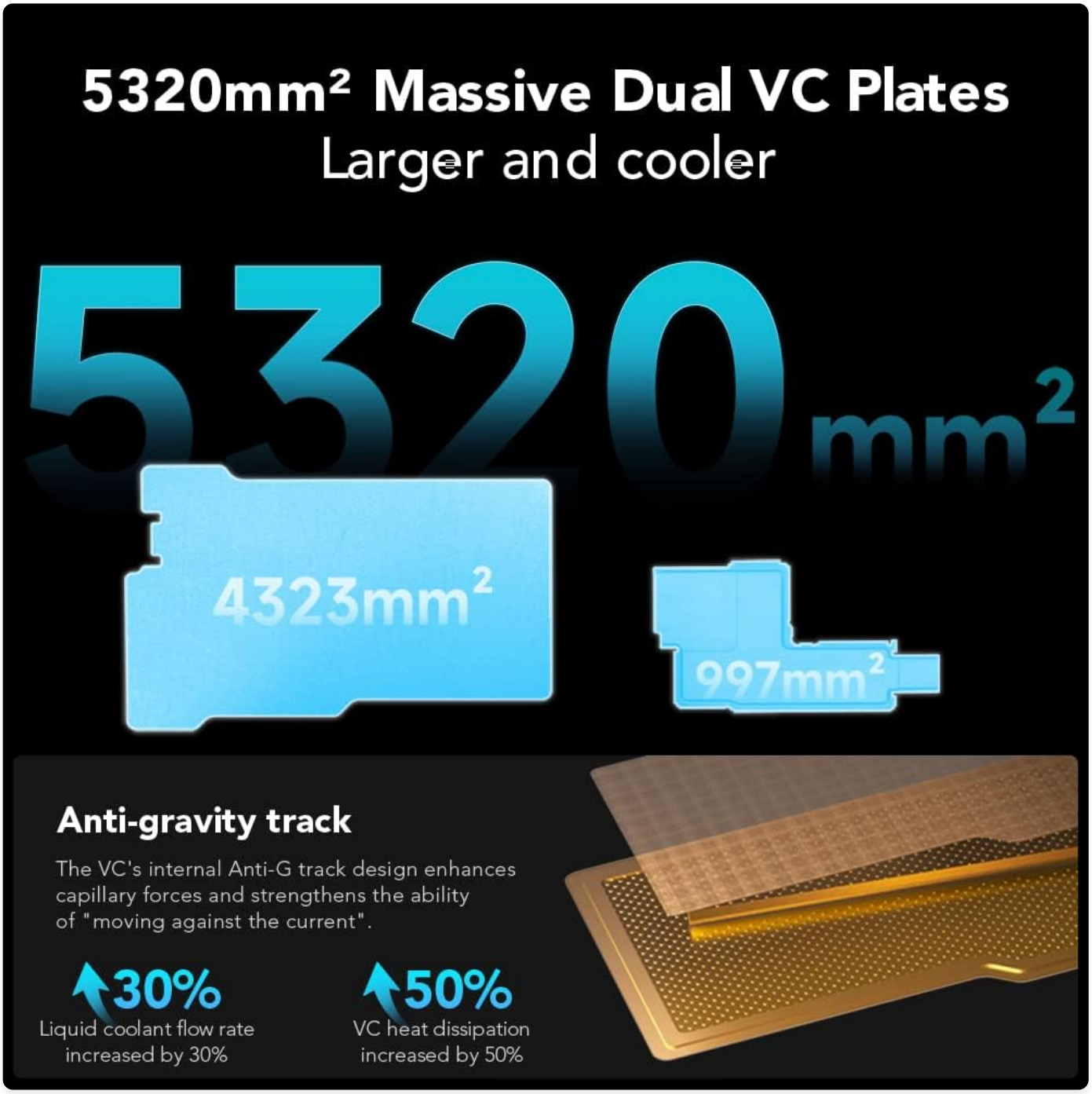


Figure 6: Massive Dual VC Plates for efficient cooling.

5.4 Audio System

Experience superior audio with dual flagship speakers and a powerful acoustic system. The Black Shark 5 Pro is ranked #1 in DXOMARK Audio, providing shocking bass and transparent treble for an immersive auditory experience.



Figure 7: Master Tuned Audio with DXOMARK Top 1 Ranking.

Equipped with 4 high-performance microphones and customized noise reduction algorithms, it ensures clear multi-person voice communication during gameplay.

6. Camera

The Black Shark 5 Pro features a versatile camera system:

- **Main Rear Camera:** 108 MP, f/1.8 (wide)
- **Ultrawide Rear Camera:** 13 MP, f/2.4 (ultrawide)
- **Telephoto Macro Rear Camera:** 5 MP, f/2.4 (telephoto macro)
- **Front Selfie Camera:** 16 MP

7. Connectivity

The device supports 5G NR SA&NSA, TD LTE, FDD LTE, WCDMA, CDMA, GSM, and Wi-Fi 6E for robust and stable network connections. NFC is also supported for convenient tap-to-pay and data transfer.

8. Maintenance

8.1 Battery Care

The 4650mAh battery supports 120W Hyper Charge. To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. The bypass power supply feature allows direct power to the phone during gaming, reducing battery wear and heat.

8.2 General Care

Keep your device clean using a soft, dry cloth. Avoid exposure to excessive moisture or extreme temperatures. Use the provided phone case for added protection against drops and scratches.

9. Troubleshooting

9.1 Common Issues

- **Overheating:** While the phone has advanced cooling, intense prolonged gaming can still generate heat. Utilize the magnetic cooler accessory if available, or enable Even Mode for balanced performance and heat dissipation.
- **Connectivity Problems:** Ensure your SIM card is properly inserted and your network settings are correct. For Wi-Fi issues, try restarting your router or phone.
- **Performance Lag:** Close background applications, clear memory, or adjust game settings to a lower graphic quality. Ensure your phone's software is up to date.

9.2 Factory Reset

If you encounter persistent software issues, a factory reset may resolve them.**Warning:** This will erase all data on your phone. Back up important information before proceeding. Navigate to Settings > About phone > Factory reset.

10. Specifications

Feature	Detail
Model Name	Black Shark 5 Pro
Operating System	JOYUI 13 (based on Android 12)
Processor	Snapdragon 8 Gen 1 (3 GHz CPU Speed)
RAM	12 GB (LPDDR5)
Storage	256 GB (UFS 3.1)
Display Size	6.67 Inches OLED
Resolution	2340 x 1080
Refresh Rate	144 Hz
Touch Sampling Rate	720 Hz

Feature	Detail
Battery Capacity	4650 mAh
Charging Time	0.25 Hours (15 minutes for full charge)
Rear Camera	108 MP (wide), 13 MP (ultrawide), 5 MP (telephoto macro)
Front Camera	16 MP
Connectivity	5G, Wi-Fi 6E, NFC
Dimensions	6.3 x 3.07 x 0.39 inches
Weight	7.8 ounces (220 Grams)

11. Warranty and Support

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

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