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Black Shark FunCooler 5

Black Shark FunCooler 5 Magnetic Smartphone Cooler User Manual

Model: FunCooler 5 | Brand: Black Shark

1. Introduction

The Black Shark FunCooler 5 is a high-performance magnetic smartphone cooler designed to prevent overheating during intensive use such as gaming, live streaming, or video playback. It features advanced cooling technology, quiet operation, and customizable RGB lighting. This manual provides essential information for proper setup, operation, and maintenance of your device.

2. Product Features

- **20W High-Speed Cooling:** Utilizes a high-performance Peltier element (TEC) to reduce device temperature by approximately 35°C.
- **Powerful Magnetic Attachment:** Features a strong 12N magnetic force for secure attachment to compatible smartphones, preventing accidental detachment during use.
- **Simple Control:** Equipped with a Type-C interface for immediate use upon power connection. Easily switch between Overclock Mode and Silent Mode with a single button press.
- **Compact & Lightweight Design:** Weighs only 82.5g, ensuring comfortable handling without adding significant bulk.
- **Quiet Operation:** Designed for low noise, operating at approximately 30dB in Silent Mode, minimizing disturbance during use.
- **Vertical Air Duct Design:** Innovative design directs hot air away from your hands for a more comfortable grip.
- **RGB Lighting Effects:** Features 18 RGB light beads with 4 stages of lighting effects, enhancing the gaming atmosphere. Double-click the button to cycle through light effects.
- **Wide Compatibility:** Includes a detachable grip, allowing use with both magnetic-adsorbing devices (like iPhone Magnetic series) and non-magnetic smartphones (Android, Switch, iPad, Laptops) within the grip's width range.

3. Package Contents

Please check the package contents upon unboxing to ensure all items are present:

- Black Shark FunCooler 5 Main Unit
- Detachable Grip
- USB Type-C Power Cable (Note: Power adapter not included)
- User Manual

4. Setup

4.1 Attaching the Detachable Grip (for non-magnetic devices)

1. Take out the detachable grip from the package.
2. Hold the magnetic heatsink fan with the magnetic side facing down.
3. Align the fixing ribs of the grip with the vents on the side of the cooler.
4. Once aligned, push the grip down firmly until it clicks into place.

To remove the grip, gently pull it away from the cooler while pressing the release tabs.

4.2 Attaching to Your Device

- **For Magnetic Devices (e.g., iPhone Magnetic series):** Simply align the cooler with the back of your device. The strong magnet will securely attach it.
- **For Non-Magnetic Devices (using the detachable grip):** Extend the arms of the grip and carefully place your smartphone between them. Ensure the cooler's cooling plate is in direct contact with the back of your phone for optimal performance.



Image: Magnetic and clip-type attachment methods for wide compatibility.



Image: Step-by-step guide for attaching the detachable grip.

5. Operating Instructions

5.1 Powering On and Mode Selection

1. Connect the USB Type-C power cable to the cooler and a suitable power source (e.g., a 5V/3A adapter, not included). The cooler will power on automatically.
2. Press the power button once to activate the cooler. The fan will start, and the RGB lights will illuminate.
3. Press the button again to cycle between Overclock Mode (maximum cooling) and Silent Mode (reduced noise). The display will show the current mode or temperature.
4. Double-click the button to change the RGB lighting effects. There are 4 stages of lighting effects to choose from.



Image: Overview of operating modes, airflow, and compact design.

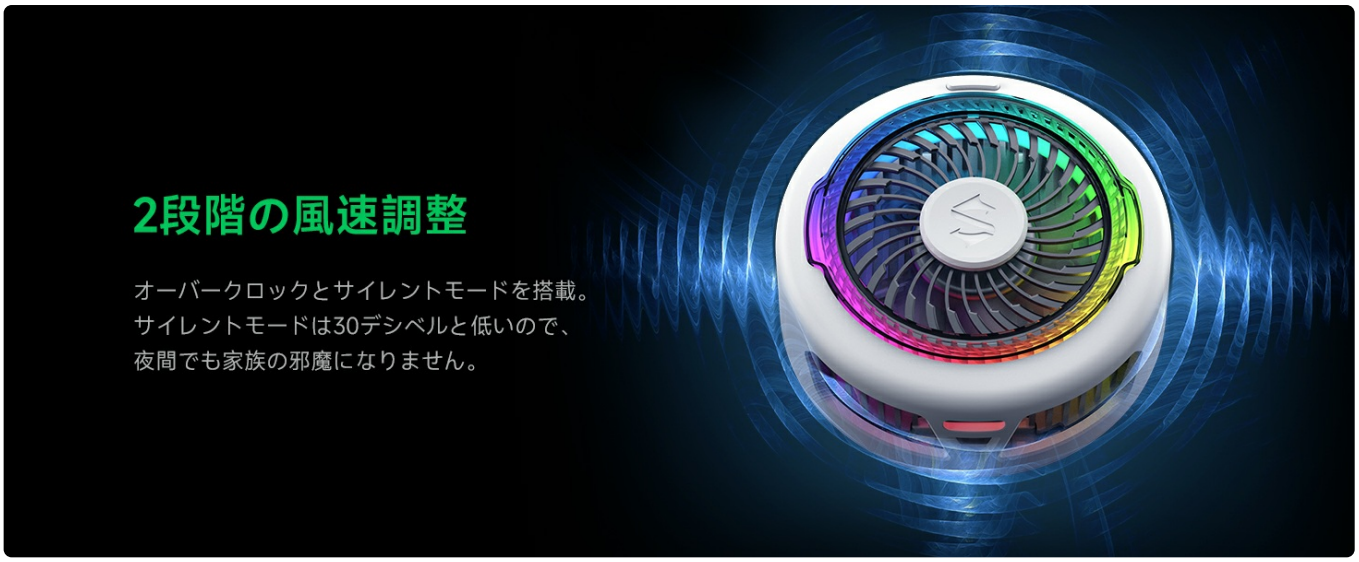


Image: Fan speed adjustment and silent mode details.



Image: RGB lighting effects with different patterns.

5.2 Usage Scenarios

The Black Shark FunCooler 5 is versatile and can be used in various situations:

- **Gaming:** Maintain optimal device temperature for extended gaming sessions.
- **Binge-Watching:** Keep your device cool during long video playback.
- **Live Streaming/Recording:** Prevent overheating during demanding live streams or video recording.
- **Creative Work:** Support stable performance for mobile video editing or graphic design.



Image: Examples of the cooler in use for gaming, binge-watching, and live streaming.

6. Maintenance

- **Cleaning:** Regularly wipe the cooling plate and fan blades with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners directly on the device.
- **Condensation:** Due to the powerful cooling effect, condensation may form on the cooling plate, especially in humid

environments. Wipe away any moisture promptly to prevent damage to your device.

- **Storage:** Store the cooler in a cool, dry place away from direct sunlight and high humidity when not in use.

7. Troubleshooting

Problem	Possible Cause	Solution
Cooler not turning on	No power supply or insufficient power.	Ensure the USB Type-C cable is securely connected to a working power source (5V/3A recommended).
Poor cooling performance	Poor contact with device, dust on fan/cooling plate, or high ambient temperature.	Ensure direct contact between the cooling plate and your device. Clean the fan and cooling plate. Use in a cooler environment if possible.
Excessive noise	Operating in Overclock Mode or fan obstruction.	Switch to Silent Mode. Check for any obstructions around the fan blades.
Condensation on cooling plate	Normal operation in humid conditions.	Wipe away moisture with a dry cloth. This is expected due to the strong cooling effect.

8. Specifications

- **Manufacturer:** Black Shark
- **Model Number:** BR50
- **Package Size:** 14.6 x 10 x 3.4 cm
- **Material:** Plastic, Metal, Copper
- **Color:** White (Hakushoku FunCooler 5)
- **Wattage:** 20 W
- **Voltage:** 5 V (DC)
- **Noise Level:** 30 dB
- **Product Weight:** 80 g
- **Power Connector Type:** USB Type-C
- **Cooling Method:** Air

9. Safety Information

- Do not disassemble or modify the device.
- Keep out of reach of children.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- Do not immerse the device in water or other liquids.

- Use only with compatible power adapters (5V/3A recommended).
- Be aware of condensation forming on the cooling plate and wipe it dry to prevent damage to your smartphone.

10. Warranty and Support

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support or inquiries, please contact Black Shark customer service through their official website or the retailer where you purchased the product.

11. Product Videos

2-Way Smartphone Cooler

Your browser does not support the video tag.

This video demonstrates the two-way functionality of the smartphone cooler, showing how it can be used with different devices.

Sub-zero Cooling with Peltier Element

Your browser does not support the video tag.

This video highlights the powerful cooling capabilities of the Peltier element, demonstrating its ability to reach sub-zero temperatures.

Smartphone Cooling Usage Guide

Your browser does not support the video tag.

A detailed video explaining how to use the smartphone cooler effectively.

Instant Cooling! Smartphone Cooling Fan

Your browser does not support the video tag.

This video showcases the rapid cooling effect of the smartphone cooling fan.

Product Features and How to Use

Your browser does not support the video tag.

A video detailing the features and proper usage of the product.

L-shaped Smartphone Cooling Fan

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This video demonstrates the L-shaped design of the smartphone cooling fan.

Smartphone Cooling Fan

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A general overview of the smartphone cooling fan in action.

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