

product manual

Black Shark FUNCOOLER 5

User Manual

1. Product Introduction

Black Shark Ice Cooling Back Clip 5 is a high-performance phone cooler for gaming, live streaming and daily heavy use. It uses semiconductor cooling + fan to lower phone temperature rapidly and keep performance stable.

Package Contents

- Cooler main unit ×1
- Detachable clip ×1 pair
- Type- C cable ×1
- Magnetic ring (for non- MagSafe phones) ×1
- User manual ×1

2. Product Structure

- **Top:** Multi- function button (power / mode / light)
- **Front:** Cooling surface
- **Side:** Type- C power port
- **Bottom:** 1/4 inch tripod mount

3. Installation

A. Magnetic Version

1. Peel off the protective film on the cooling surface.
2. Attach the cooler to the **center back** of your phone.
3. For non- MagSafe phones: stick the included magnetic ring first, then attach the cooler.

B. Clip Version

1. Install the clips into both sides of the cooler.
2. Stretch the clip and place your phone inside.
3. Make sure it does not block camera or buttons.

4. Basic Operation

Power Supply

- Use a **PD charger (20W or higher)** for best performance.
- Connect the Type- C cable to power.

Button Functions

- **Power on:** Short press the top button.
- **Switch cooling mode:** Short press the button to cycle:
 - **Silent Mode** – low noise
 - **Balance Mode** – balanced cooling and noise
 - **Turbo Mode** – strong cooling
- **Switch RGB light:** Double- press the top button.
- **Power off:** Long press the button for 3 seconds.

5. APP Control

1. Download **Black Shark Equipment Box** App.
2. Turn on Bluetooth and connect the cooler.
3. Functions:
 - Real- time temperature and speed display
 - Custom cooling power
 - RGB light settings
 - Firmware upgrade

6. Specifications

- Power: Max 20W
- Cooling: Semiconductor TEC
- Fan: 7- blade silent fan
- Connection: Bluetooth 5.1
- Power input: Type- C PD
- Weight: About 82g

7. Warnings & Maintenance

- Condensation or frost on the cooling surface is **normal**. Wipe dry before storage.
- Keep air vents unobstructed.
- Do not use in high temperature, humidity or dusty environments.
- Not waterproof. Do not immerse in water.
- Keep out of reach of small children to avoid pinching injury.
- Unplug when not in use for a long time.
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Black Shark FUNCOOLER 5 Pro (Magnetic Edition)

User Manual

1. Product Overview

Black Shark Ice Cooling Back Clip 5 Pro (Magnetic Edition) is a high-performance mobile cooling accessory designed for gaming, live streaming, and heavy-duty usage. It features 35W semiconductor cooling, magnetic attachment, RGB lighting, and app control.

Key Features

- **35W High- Power Cooling:** Up to 45°C temperature drop; cools to - 20°C in ~25 seconds.
- **Magnetic + Clip- On Design:** 12N magnetic suction for MagSafe- compatible phones; detachable clamps for universal fit.
- **18 Addressable RGB LEDs:** Supports Standard, Temperature, and Rubik's Cube (per- LED customizable) lighting modes.
- **Dual NTC Sensors:** Auto- protection (shuts off if <- 20°C or >60°C).
- **1/4" Tripod Thread:** For live- streaming mounts.
- **APP Control:** Black Shark Equipment Box (Shark Arsenal) for mode, lighting, and fan speed adjustment.

Package Contents

- Cooler Body × 1
- Detachable Clamps × 1 pair
- Type- C Cable × 1
- Magnetic Ring (for non- MagSafe phones) × 1
- User Manual × 1

2. Device Layout

- **Top:** Multi- function Power/Mode Button
- **Front:** Cooling Surface (with magnetic module)
- **Side:** Type- C Power Port
- **Bottom:** 1/4" Tripod Mount
- **Internal:** 7- blade silent fan (up to 6500 RPM)

3. Installation & Mounting

A. Magnetic Mount (MagSafe- compatible iPhones/Android)

1. Peel off the protective film from the cooling surface.
2. Attach the cooler to the **center back** of your phone; magnets will lock it in place.
3. For non- MagSafe phones: Apply the included magnetic ring first, then attach the cooler.

B. Clip- On Mount (All Phones)

1. Snap the detachable clamps into the side slots of the cooler.
2. Pull one clamp open, place your phone inside, then release to secure.
3. Ensure no buttons or cameras are blocked.

C. Tripod Mount

Use the 1/4" thread to attach the cooler to a tripod or live- streaming stand.

4. Power & Operation

Power Supply

- Connect the Type- C cable to a **40W+ PD charger** (required for full 35W performance).
- Do not use low- power chargers; they will limit cooling performance.

Basic Controls

- **Power On:** Short press the top button.
- **Mode Cycle:** Short press to switch modes (indicator light changes color):
 - **Silent Mode:** Low power, low noise (~36dB)
 - **Balance Mode:** Balanced cooling and noise
 - **Turbo/Overclock Mode:** Max 35W cooling (strongest performance)
- **Lighting Cycle:** Double- press the top button to switch RGB effects.
- **Power Off:** Long- press the button for 3 seconds.

5. APP Control (Black Shark Equipment Box / Shark Arsenal)

1. Download **Black Shark Equipment Box** from the App Store or Google Play.
2. Enable Bluetooth on your phone; the app will auto- detect and connect the cooler.
3. Available functions:
 - Real- time temperature, fan speed, and power monitoring
 - Custom cooling profiles (adjust power and fan speed)
 - RGB lighting customization (color, brightness, effects; per- LED control in Rubik’s Cube mode)
 - Firmware updates

6. Technical Specifications

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Item	Details
Model	Black Shark Ice Cooling Back Clip 5 Pro (Magnetic)
Max Power	35W
Cooling Chip	40×40mm TEC
Max Temp Drop	~45° C
Fan	7- blade, up to 6500 RPM
LEDs	18 addressable RGB
Connectivity	Bluetooth 5.1
Power Input	Type- C, PD 40W+
Dimensions	64.2×71.5×30.8 mm
Weight	~82g (body); ~100g (with clamps)
Safety	Dual NTC sensors; auto- shutoff <- 20° C / >60° C

7. Important Safety & Maintenance

1. **Condensation:** Frost/condensation on the cooling surface is normal. Wipe dry before storing.
2. **Ventilation:** Keep top/bottom air vents unobstructed.
3. **Environment:** Avoid use in high temperature, humidity, or dusty areas.

4. **Water Resistance:** Not waterproof; do not submerge. Clean with a dry cloth.
5. **Magnetic Ring:** Remove the magnetic ring before wireless charging.
6. **Storage:** Unplug when not in use; store in a cool, dry place.
7. **Children:** Use under adult supervision to avoid pinching hazards.

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8. Troubleshooting

- **Not Cooling / Low Power:** Ensure a 40W+ PD charger is used; check cable connection.
- **Magnet Not Holding:** Clean phone back and cooler surface; reapply magnetic ring if needed.
- **APP Not Connecting:** Restart Bluetooth and the app; update cooler firmware.
- **Overheating / Auto- Shutoff:** Improve ventilation; reduce ambient temperature.

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Would you like me to convert this manual into a **printable one- page quick reference sheet** with key steps and mode indicators?