**Black Shark BS-4Pro**

# Black Shark FunCooler 4 Pro Phone Cooler User Manual

Model: BS-4Pro

## Introduction

Thank you for choosing the Black Shark FunCooler 4 Pro. This device is designed to provide efficient cooling for your mobile phone, enhancing performance during gaming, video streaming, and other demanding tasks. It features advanced cooling technology, smart control modes, and customizable RGB lighting.




Image: The Black Shark FunCooler 4 Pro, a compact phone cooling fan with RGB lighting, designed to attach to the back of a smartphone.

## Package Contents

- 1 x Black Shark FunCooler 4 Pro Phone Fan
- 1 x Type-C Cable
- 1 x User Manual

## Specifications

| | |
|---|---|
| **Model Number** | BS-4Pro |
| **Cooling Power** | 27W |
| **TEC Cooling Chip Area** | 1600mm² |

| | |
|---|---|
| **Fan Type** | 7-blade high-speed fan |
| **Temperature Drop** | Up to 40°C (lowest to -15°C in 25°C room) |
| **Phone Width Compatibility** | 67-88mm |
| **Dimensions** | 29L x 63W x 84H millimeters |
| **Weight** | 125 Grams |
| **Cooling Method** | Air |
| **RGB Lighting** | Yes, with multiple effects |
| **Control** | App Control (Shark Arsenal APP) |

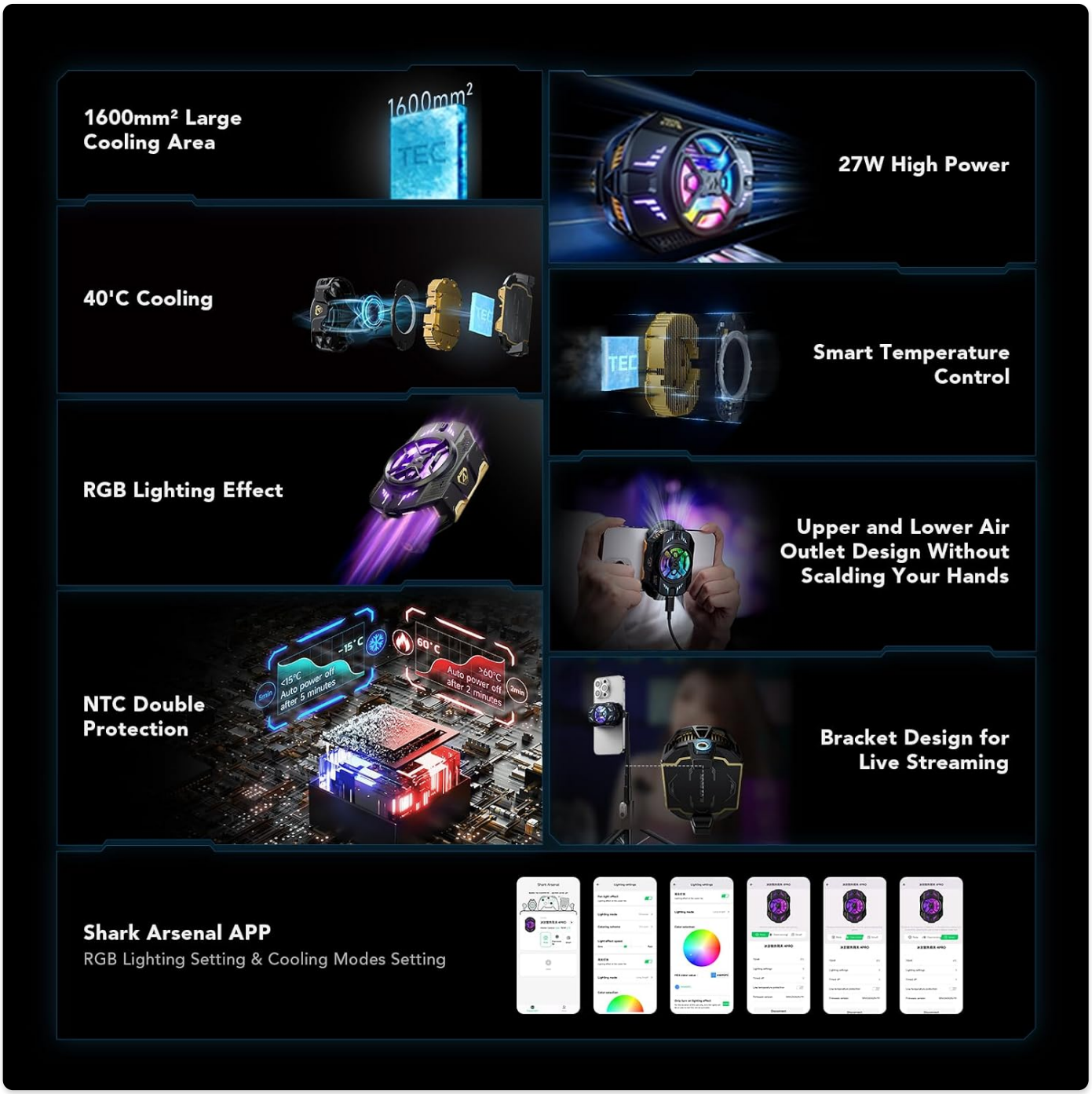



Image: A collage showcasing key features of the FunCooler 4 Pro, including its large cooling area, 27W high power, 40°C cooling capability, smart temperature control, RGB lighting, upper and lower air outlet design, NTC double protection, bracket design for live streaming, and the Shark Arsenal APP interface.

## Setup

1. **Unpack the Device:** Carefully remove the FunCooler 4 Pro and its accessories from the packaging.
2. **Remove Protective Film:** Before use, locate and remove the protective film from the bottom (cooling surface) of the cooler.
3. **Attach to Phone:**
   - Ensure your phone's width is between 67-88mm for proper fit.
   - Gently open the clamps of the cooler and position it on the back of your phone.
   - Ensure the cooling surface is as close as possible to the phone's back for optimal heat transfer.
   - Avoid obstructing any buttons or ports on the side of your phone during installation.
4. **Connect Power:** Connect the provided Type-C cable to the cooler's power input port and then to a suitable power adapter (not included). The cable only supports powering the cooler and does not support fast charging for mobile phones.




Image: A visual guide demonstrating the installation of the FunCooler 4 Pro on a smartphone, highlighting its secure clamping mechanism and the 1/4 inch fixed bolt design for mounting brackets, along with a depiction of its rapid cooling and RGB light effects.

## Operating Instructions

The FunCooler 4 Pro offers various cooling modes to suit different usage scenarios. The cooler is in Overclocking mode by default upon startup.

### Cooling Modes:

- **Silent Mode:** Provides ultra-low noise cooling, ideal for quiet environments or late-night use.
- **Smart Mode:** Adjusts cooling performance in real-time based on temperature detection, maintaining a consistently cool feel.
- **Overclocking Mode:** Delivers maximum cooling power, suitable for intense gaming sessions or heavy phone usage.

You can switch between these modes using the Black Shark Shark Arsenal APP (see "App Control" section).

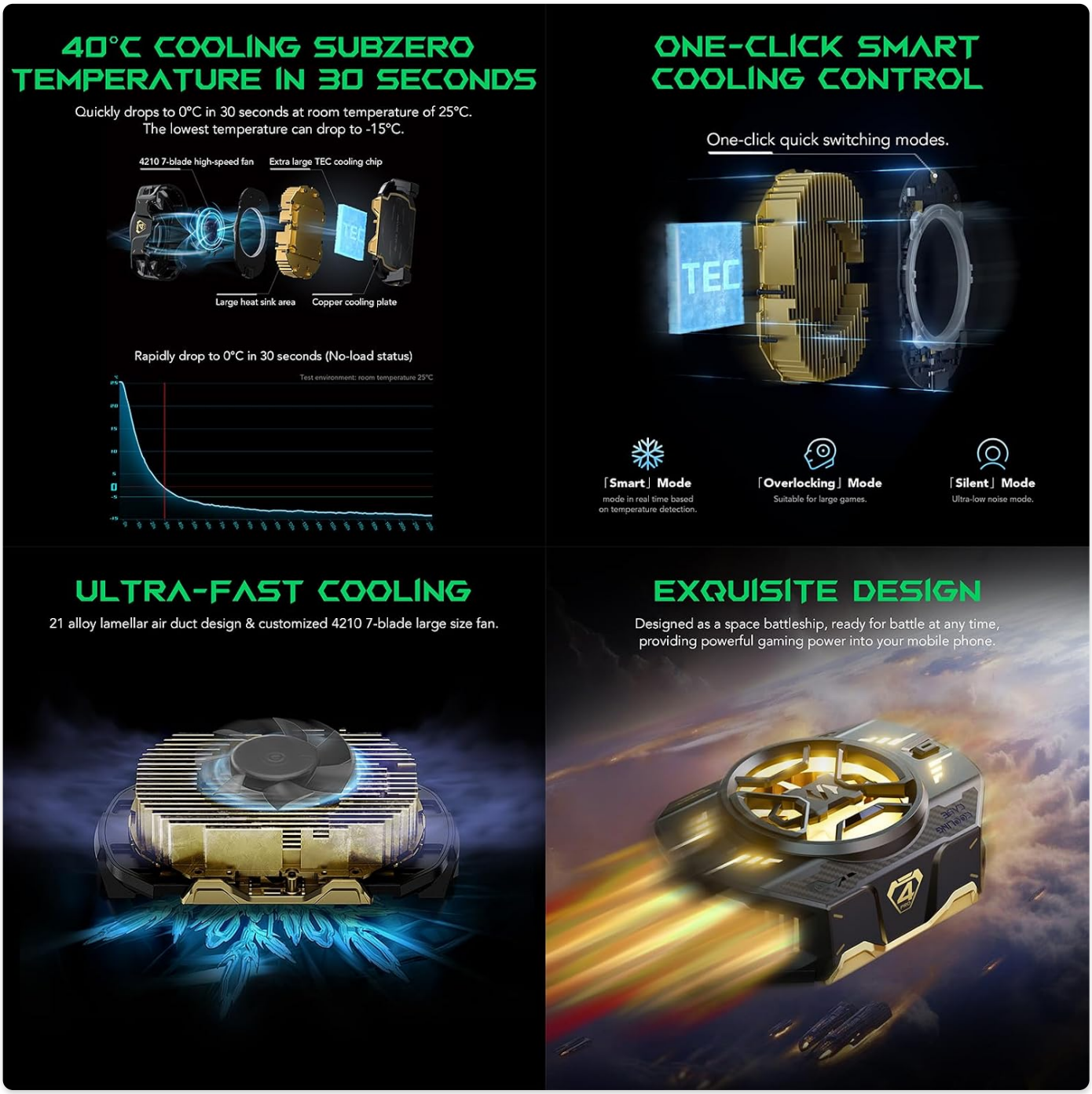



Image: A graphic illustrating the FunCooler 4 Pro's ability to drop to 0°C in 30 seconds, its internal components (fan, heat sink, TEC chip, cooling plate), and the three smart cooling modes: Smart, Overclocking, and Silent.

## Usage Scenarios:

- **Gaming:** Maintain high frame rates and prevent performance throttling during extended gaming sessions.
- **Live Streaming:** Avoid overheating and freezes, ensuring smooth broadcasts. An optional mounting bracket can be used for stable setup.
- **Car Navigation:** Dissipate heat effectively, especially during prolonged use or in direct sunlight.




Image: Three distinct scenarios demonstrating the use of the FunCooler 4 Pro: attached to a phone for car navigation, mounted for live streaming, and in use during mobile gaming.




Image: A detailed view of the FunCooler 4 Pro's 27W high power, extra-large refrigeration chip, dual NTC over-temperature protection, and the anti-blowing hand design with upper and lower air outlets.

## App Control (Shark Arsenal APP)

The Black Shark FunCooler 4 Pro can be controlled and customized via the Shark Arsenal APP. This app allows you to manage cooling modes, RGB lighting effects, and monitor device status.

1. **Download the App:** Search for "Shark Arsenal" in your phone's app store (Google Play Store for Android, Apple App Store for iOS) and install it.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your mobile phone.
3. **Connect the Cooler:** Open the Shark Arsenal APP. The app will automatically search for nearby Black Shark devices. Select your FunCooler 4 Pro from the list to connect.
4. **Customize Settings:** Once connected, you can:
    - Switch between Silent, Smart, and Overclocking cooling modes.

- Adjust RGB lighting effects and colors. The cooler supports various lighting effects and comes with 2 pre-designed sets.
- Check the cooler's temperature data.
- Update the cooler's firmware version.




Image: A user holding a phone with the FunCooler 4 Pro attached, displaying the Shark Arsenal APP interface on the phone screen, showing options for RGB lighting settings and cooling mode settings.

## Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the cooler. Do not use liquid cleaners or abrasive materials.
- **Dust Removal:** Periodically check the fan and air vents for dust accumulation. Use a can of compressed air to gently clear any dust to ensure optimal airflow and cooling performance.
- **Storage:** When not in use for extended periods, store the cooler in a cool, dry place away from direct sunlight and extreme temperatures.

- **Cable Care:** Handle the Type-C cable carefully. Avoid sharp bends or excessive pulling to prevent damage.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Cooler not turning on. | No power supply or faulty cable. | Ensure the Type-C cable is securely connected to both the cooler and a working power source. Try a different Type-C cable or power adapter. |
| Cooling performance is weak. | Protective film not removed, poor contact with phone, or dust accumulation. | Remove the protective film from the cooling surface. Ensure the cooler is firmly attached and making good contact with the phone's back. Clean any dust from the fan and vents. Switch to Overclocking mode via the app. |
| Cannot connect to Shark Arsenal APP. | Bluetooth off, app not updated, or cooler not discoverable. | Ensure Bluetooth is enabled on your phone. Restart the app and the cooler. Make sure the app is updated to the latest version. |
| Cooler automatically shuts down. | Over-temperature protection activated. | The dual-NTC protection system will shut down the cooler if the internal temperature exceeds 60°C or drops below -15°C. Allow the cooler to return to a safe operating temperature before restarting. Ensure proper ventilation. |

## Warranty and Support

Black Shark products are manufactured to high quality standards. For warranty information and customer support, please refer to the warranty card included with your product or visit the official Black Shark website. Keep your purchase receipt as proof of purchase for warranty claims.
For further assistance, you may contact Black Shark customer service through their official channels. Please provide your product model (BS-4Pro) and a detailed description of the issue when seeking support.

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### Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question