

REDMAGIC Cooler 8 Pro User Manual

1. Product Introduction

The REDMAGIC Cooler 8 Pro is a high-performance magnetic semiconductor cooler built for intensive mobile gaming, live streaming, and other high-load phone scenarios. Equipped with the 8th-generation COLDLNG cooling architecture, it delivers a peak cooling power of 36W, a minimum no-load temperature as low as -25°C, and a maximum temperature drop of up to 80°C. It features an 11-blade turbo fan, smart Bluetooth APP control, customizable RGB lighting, and a microcrystalline temperature-sensing window for visual cooling effect monitoring. This product effectively suppresses phone overheating, prevents performance throttling and frame drop, and ensures stable, long-duration high-performance operation of your mobile device.

2. What's in the Box

- REDMAGIC Cooler 8 Pro Main Unit ×1
- USB-C to USB-C Power Supply Cable ×1
- Magnetic Sticker (for non-magnetic mobile phones) ×1
- User Manual ×1

3. Technical Specifications

Item	Specification
Model	REDMAGIC Cooler 8 Pro
Peak Cooling Power	36W
Minimum No-load Temperature	-25°C
Maximum Temperature Drop	Up to 80°C
Fan Configuration	11-blade Turbo Fan
Max Fan Speed	6200 RPM
Rated Noise Level	≤36dB (Standard Mode)

Power Supply	USB-C PD Fast Charging Protocol
Wireless Connectivity	Bluetooth 5.0 (for APP control)
Net Weight	Approx. 115g
Compatible Device Width	70mm-82mm (clip-on mounting)
Operating Ambient Temperature	0°C - 40°C

4. Installation Guide

4.1 Magnetic Mounting (for MagSafe-compatible Phones)

1. Clean the back of your phone with a soft lint-free cloth to remove dust, oil, and fingerprints.
2. Align the magnetic adsorption area of the cooler with the phone's magnetic area (it is strongly recommended to align with the main chip area below the camera module, the core heating zone of the phone).
3. Attach the cooler to the phone. A "click" sound confirms secure and correct installation.
4. Do not violently press or crookedly install the cooler, to avoid damage to internal components.

4.2 Magnetic Mounting (for Non-magnetic Phones)

1. Thoroughly clean the back of your phone/phone case, ensure the surface is dry, smooth, and free of debris.
2. Peel off the protective film of the included magnetic sticker, paste it on the center of the phone back (aligned with the phone's main chip), and press firmly for 10 seconds to ensure firm adhesion.
3. Follow the steps in Section 4.1 to attach the cooler to the magnetic sticker.

5. Basic Button Operation

1. **Power Supply Connection:** Connect the cooler to a PD-compliant charger via the included USB-C cable. A charger with a minimum power of 45W is recommended to unlock the full performance of the cooler.
2. **Power On/Off & Mode Switching:**

- Short press the side function button once to power on the cooler, which enters **Auto Mode** by default.
- Short press the button repeatedly to cycle through working modes: Auto Mode → Manual Mode → Berserk Mode (full 36W power output).
- Long press the button for 3 seconds to power off the cooler.

3. Status Indication:

- The microcrystalline temperature-sensing window changes color with cooling temperature: it shifts from deep black to crystal sapphire blue as the temperature drops, providing a visual check of the cooling effect.
- The RGB light ring illuminates during operation; light effects can be customized via the Goper APP.

6. Goper APP Smart Control

The cooler supports full-function smart control via the Goper APP (formerly "Top Player"), which is compatible with both iOS and Android systems, with no restrictions on phone brands.

1. **APP Download:** Search for "Goper" in the App Store (iOS) or Google Play/REDMAGIC official website (Android) to download and install the latest version.

2. Device Pairing & Connection:

- Power on the cooler and enable Bluetooth on your mobile phone.
- Open the Goper APP, tap "Add Device" on the homepage, and select "REDMAGIC Cooler 8 Pro" from the device list.
- Complete pairing and connection following the on-screen prompts.

3. Core APP Functions:

- **Real-time Monitoring:** View real-time cooling temperature, fan speed, operating power, and other running data on the device homepage.
- **Cooling Customization:** 10-level manual gear adjustment, one-touch switching between Auto Mode and Berserk Mode, and custom temperature control curves for intelligent temperature regulation.
- **RGB Light Effect Setting:** Toggle the light effect on/off, switch between 3 preset modes (Breathing, Color Cycle, Static Always-on), and customize color and brightness for different usage scenarios.
- ****OTA Upgrade:** Receive official firmware update prompts and complete upgrades in the APP to optimize product performance.

7. Safety & Maintenance Instructions

7.1 Safety Precautions

- Only use chargers and cables that comply with PD fast charging protocol and relevant safety standards. Do not use damaged cables or chargers to avoid short circuit, electric shock, or fire hazards.
- Do not block the air inlet and outlet of the cooler during operation, as this will cause poor heat dissipation, performance degradation, or even permanent equipment damage.
- Do not touch the cooling surface of the cooler for a long time during operation, especially in low-temperature mode, to avoid frostbite.
- Do not use the product in humid, flammable, explosive, or high-temperature (above 40°C) environments, such as bathrooms, near open fire sources, or under prolonged direct sunlight.
- Condensation may form on the cooling surface in high-humidity environments. If condensation occurs, stop using the product immediately, wipe off water droplets with a dry cloth, and resume use only after it is completely dry, to prevent water ingress into the phone or cooler.
- Do not drop, impact, disassemble, modify, or repair the product by yourself. Unauthorized disassembly will void the warranty and may cause equipment damage.

7.2 Daily Maintenance

- Regularly clean dust from the fan and air duct with a soft-bristled brush or compressed air. Use short bursts of compressed air to avoid condensation caused by continuous blowing. Do not use metal tools to clean internal components.
- Wipe the cooler surface with a dry soft cloth. Do not use corrosive chemical cleaners, alcohol, or other organic solvents to clean the product.

8. Troubleshooting

Problem	Possible Cause	Solution
Cooler does not power on when connected to power	1. Power cable is not properly plugged in; 2. Charger does not support PD protocol or has insufficient power; 3. Damaged cable or charger	1. Re-plug the USB-C cable at both ends to ensure a firm connection; 2. Replace with a PD-compliant charger with power $\geq 45\text{W}$; 3. Replace with a new qualified USB-C cable or charger
Poor cooling performance		

	1. Cooler is not aligned with the phone's core heating area; 2. Air inlet/outlet is blocked; 3. Insufficient charger power; 4. Excessively high ambient temperature; 5. Dust accumulation in the air duct	1. Reinstall the cooler to align with the phone's main chip area; 2. Remove obstructions from the air inlet and outlet; 3. Replace with a qualified PD charger; 4. Use in a well-ventilated environment at 0-40°C; 5. Clean dust from the fan and air duct
Excessive operating noise	1. Cooler is in Berserk Mode (high-speed full power); 2. Foreign matter or dust has entered the fan; 3. Unstable installation causes resonance	1. Switch to Auto Mode or low-level manual mode for quieter operation; 2. Power off and clean the fan and air duct; 3. Reinstall the cooler to ensure stable adsorption
Cannot connect to Goper APP	1. Phone Bluetooth is not enabled; 2. Cooler is not powered on; 3. Outdated APP version; 4. Abnormal Bluetooth pairing information	1. Enable phone Bluetooth and keep the device within 1m of the cooler; 2. Confirm the cooler is powered on and in working state; 3. Update the Goper APP to the latest version; 4. Restart the cooler and phone Bluetooth, then re-pair
RGB light does not illuminate	1. Light effect is turned off in the APP; 2. Insufficient power supply; 3. Firmware abnormality	1. Turn on the light effect switch in the Goper APP; 2. Replace with a high-power PD charger; 3. Upgrade the firmware to the latest version via the APP

9. Warranty Statement

- This product comes with a 12-month limited warranty for the original consumer, valid from the date of purchase.
- The warranty covers manufacturing defects in materials and workmanship under normal use in accordance with this user manual.

- The warranty does not cover damage caused by: improper use, accidental drop/impact, unauthorized disassembly/modification, use with non-compliant power supplies, damage from natural disasters (water, fire, lightning, etc.), or normal wear and tear from daily use.
- For warranty service, please contact REDMAGIC official customer service with your valid purchase receipt and product serial number.