GRIFEMA GD303

GRIFEMA GD303 Rechargeable Head Torch User Manual

Introduction

This manual provides detailed instructions for the safe and effective use of your GRIFEMA GD303 Rechargeable Head Torch. Please read this manual thoroughly before first use and retain it for future reference.



Image: The GRIFEMA GD303 Rechargeable Head Torch, featuring multiple LED bulbs and an adjustable elastic headband.

Setup

Charging the Head Torch

The GRIFEMA GD303 Head Torch is equipped with built-in 2 x 1200mAh rechargeable lithium batteries. Use the included USB cable for charging.

1. Locate the Type-C charging port on the side of the head torch.
2. Connect the included USB cable to the Type-C port and to a suitable USB power source (e.g., wall adapter, computer USB port, power bank).
3. A full charge provides approximately 4 to 6 hours of continuous power in high brightness mode.



Image: Close-up view of the head torch showing the Type-C charging port and elastic headband.

Wearing the Head Torch

Adjust the elastic headband for a comfortable and secure fit on your head. The adjustable system bands are designed to provide maximum comfort and balance between the front and back of your head, allowing for hands-free use.



Image: A person wearing the GRIFEMA GD303 head torch, demonstrating its comfortable fit and hands-free operation.

Operating Instructions

Power On/Off and Mode Selection

The head torch features two control buttons located on the top: a Left Switch and a Right Switch. Each switch controls different lighting modes.

Left Switch Modes:

Press the Left Switch repeatedly to cycle through the following main lighting modes:

- **2 Main Lights on:** Activates the two central T6 white LEDs.
- **4 Auxiliary Lights on:** Activates the four XPE white LEDs.
- **All Lights on:** Activates all 6 white LEDs (2*T6 + 4*XPE).
- **All Lights Flashing:** All 6 white LEDs flash (strobe mode).

Right Switch Modes:

Press the Right Switch repeatedly to cycle through the following COB (Chip-on-Board) lighting modes:

- **2 COB White Light Strong:** Activates the two COB white lights at high intensity.
- **2 COB White Light Weak:** Activates the two COB white lights at lower intensity.
- **2 COB Red Light Bright:** Activates the two COB red lights.
- **2 COB Red Light Flash:** The two COB red lights flash.



Image: Visual representation of the 8 distinct lighting modes controlled by the left and right buttons.

Adjusting the Beam Angle

The headlamp unit can be manually rotated up to 90 degrees. This allows you to direct the light beam precisely where it is needed, adapting to various activities and viewing angles.



Image: Illustration showing the headlamp unit pivoting 90 degrees to adapt to different head angles and lighting needs.

Maintenance

Cleaning

To clean the head torch, gently wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the product's finish and components.

Water Resistance

The GRIFEMA GD303 Head Torch has an IPX45 water-resistant rating. This means it is protected against splashing water from any direction and can safely be used in rainy conditions. However, it is not designed for submersion in water.



Image: The head torch shown with icons indicating its IPX45 waterproof, snowproof, and shockproof capabilities.

Battery Care

To maximize the lifespan of the built-in lithium batteries:

- Charge the head torch regularly, even if it is not in frequent use, to prevent deep discharge.
- Avoid fully discharging the battery before recharging.
- Store the head torch in a cool, dry place when not in use for extended periods.

Troubleshooting

Head Torch Not Turning On

- **Check Battery Charge:** Ensure the battery is charged. Connect the head torch to a USB power source and observe if the charging indicator activates.
- **Verify Button Press:** Ensure the power buttons are pressed firmly and correctly.

Dim or Flickering Light

- **Low Battery:** The battery may be low. Recharge the head torch fully.
- **Clean Lens:** Ensure the lens is clean and free from dirt, dust, or obstructions that might impede light output.

Headband Discomfort

- **Adjust Straps:** Adjust the elastic straps to achieve a comfortable and secure fit. The straps are designed for adjustability to suit various head sizes.

SPECIFICATIONS

Feature	Detail
Model	GD303
Light Source	8 LED (2*T6, 4*XPE, 2*COB)
Brightness	Max 600 lumens
Beam Range	Max 200 meters
Power Source	2 x 1200mAh Rechargeable Lithium Batteries (Built-in)
Charging Port	USB Type-C
Runtime	4-6 hours (high brightness)
Water Resistance	IPX45
Adjustable Angle	90 degrees
Material	Kunststoff (Plastic)
Dimensions	3.74"D x 1.38"W x 1.97"H
Weight	10.2 ounces (0.29 Kilograms)

Energy Efficiency Information


Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: GRIFEMA

Supplier's address: IBERGRIF, Carrer de Laurèà Miró 306, 08980 Sant Feliu de Llobregat Barcelona, ES

Model identifier: GD303

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap type (or other electric interface)	Factor PTM		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	G
Useful luminous flux (lm), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	240 lm Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	7 500
On-mode power (P_{on}), expressed in W	10,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	68
Outer dimensions without separate control gear, if any	Height	44	Spectral power distribution in the range 250 nm to 800 nm, at full load	See image in last page
	Width	62		
	Depth	38		

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ing control parts and non-

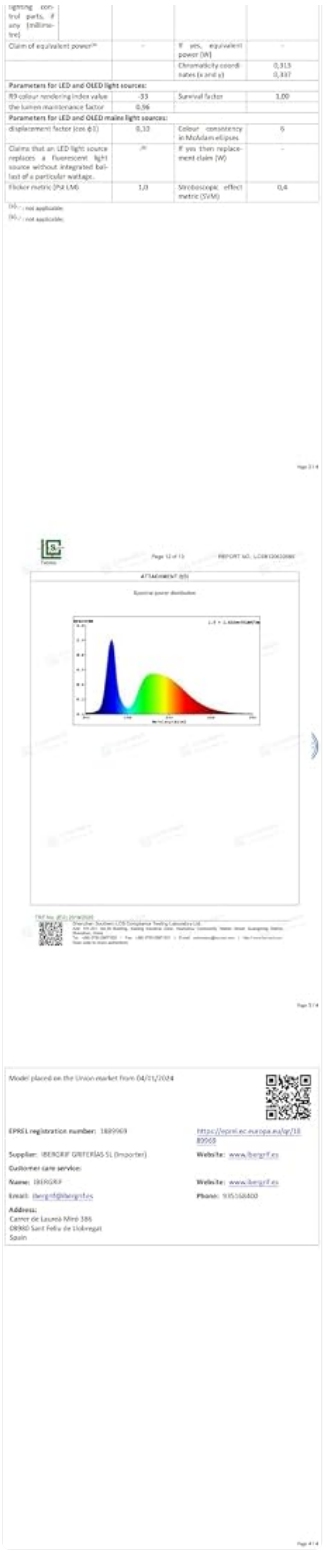


Image: The EU Energy Label for the GRIFEMA GD303, indicating an energy efficiency class G and consumption of 10 kWh/1000h.

The GRIFEMA GD303 Head Torch has an energy efficiency rating of G, consuming 10 kWh/1000h. For detailed product information, refer to the EU EPREL database:

EPREL Product Page

Safety Information

- **Eye Safety:** Do not look directly into the LED light when it is on, as it may cause temporary vision impairment.
- **Children:** Keep the head torch out of reach of children.
- **Disassembly:** Do not attempt to disassemble or modify the head torch. This may void the warranty and pose a safety risk.

- **Charging:** Use only the provided USB cable or a certified equivalent for charging.
- **Temperature:** Avoid exposing the head torch to extreme temperatures or direct sunlight for prolonged periods.

Warranty and Support

GRIFEMA products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official GRIFEMA website.

Please retain your proof of purchase for any warranty claims.

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