

Bistos Bt-410

Bistos Bt-410 Head Lamp User Manual

Model: Bt-410

1. INTRODUCTION

Thank you for choosing the Bistos Bt-410 Head Lamp. This ultra-bright LED head lamp is designed for various applications requiring focused and hands-free illumination. Featuring a high-density LED, an easy-to-adjust head strap, and an extensive LED lifetime, the Bt-410 provides reliable performance. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your device. Please read this manual thoroughly before using the product and retain it for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device.

- **Eye Safety:** Do not stare directly into the LED light. The ultra-bright light can cause temporary vision impairment or permanent eye damage.
- **Heat:** The LED light source may become warm during prolonged use. Avoid direct contact with the light housing when it is hot.
- **Battery Safety:** Ensure proper battery polarity when inserting. Do not mix old and new batteries, or different types of batteries. Dispose of batteries according to local regulations.
- **Water Exposure:** This device is not waterproof. Avoid exposing the head lamp to water or excessive moisture to prevent electrical shock or damage.
- **Cleaning:** Use only a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Children:** Keep the device out of reach of children.

3. SETUP

3.1 Adjusting the Head Strap

The Bt-410 Head Lamp features an easy-to-adjust head strap for a comfortable and secure fit. Place the head lamp on your head and adjust the strap using the buckles until it feels snug but not too tight. Ensure the main unit rests comfortably on your forehead.



The Bistos Bt-410 Head Lamp worn on a head, demonstrating its adjustable strap and the position of the ultra-bright LED light.

3.2 Attaching the Loupe (Optional)

If you have the optional attachable loupe, carefully align it with the designated attachment points on the head lamp's main unit and secure it according to the loupe's specific instructions. Ensure it is firmly attached before use.



A side view of the Bistos Bt-410 Head Lamp, highlighting the main unit, adjustable light head, and the comfortable head strap.

3.3 Charging the Battery

The Bt-410 Head Lamp is designed for easy recharging. Connect the provided charging cable to the charging port on the head lamp and plug the other end into a suitable power source. An indicator light will typically show the charging status. Ensure the device is fully charged before first use to maximize battery life. The device provides more than 4 hours of continuous use on a full charge.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Locate the power button on the main unit of the head lamp. Press the button once to turn the light on. Press it again to turn the light off.

4.2 Adjusting the Light Angle

The LED light head is designed to be adjustable. Gently tilt the light head up or down to direct the beam to your desired angle. Do not force the adjustment beyond its natural range of motion.

5. MAINTENANCE

5.1 Cleaning

To clean the head lamp, wipe the exterior surfaces with a soft, dry, lint-free cloth. Do not use liquid cleaners, aerosols, or solvents. Ensure the device is powered off and disconnected from any charging source before cleaning.

5.2 Battery Care and Storage

To prolong battery life, avoid fully discharging the battery frequently. Recharge the device when the light begins to dim. If storing the head lamp for an extended period, ensure it is partially charged (around 50%) and store it in a cool, dry place away from direct sunlight. Recharge it every few months to prevent deep discharge.

5.3 LED Lifetime

The Bt-410 Head Lamp features an extensive LED lifetime of more than 50,000 hours, ensuring long-term performance under normal operating conditions.

6. TROUBLESHOOTING

If you encounter issues with your Bt-410 Head Lamp, refer to the following common problems and solutions:

- **Light does not turn on:**
 - Ensure the battery is charged. Connect the head lamp to its charger and allow sufficient time for charging.
 - Check if the power button is functioning correctly.
- **Light is dim:**
 - The battery may be low. Recharge the head lamp.
 - Ensure the LED lens is clean and free from dirt or smudges.
- **Head strap is uncomfortable:**
 - Adjust the strap tension to find a comfortable fit.
 - Ensure the main unit is positioned correctly on your forehead.







If the problem persists after attempting these solutions, please contact Bistos customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
Model	Bt-410
Light Source	Ultra bright LED with high density LED
LED Lifetime	More than 50,000 hours
Continuous Use Time	More than 4 hours (on full charge)
Adjustability	Easy to adjust head strap and light angle
Optional Accessories	Attachable loupe
Manufacturer	Bistos
Package Dimensions	32.8 x 23.6 x 9.2 cm
Package Weight	2.54 kg
ASIN	B091BMBRNM
Date First Available	29 March 2021
Origin	Made in Korea

8. WARRANTY AND SUPPORT

Specific warranty information for the Bistos Bt-410 Head Lamp is not provided within this manual. For details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your purchase or visit the official Bistos website. For technical support, service, or inquiries, please contact Bistos customer service directly.

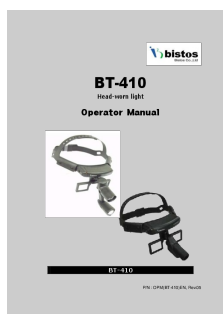
	<p>BT-550 Infant Warmer Operation Manual - Bistos</p> <p>Comprehensive operation manual for the Bistos BT-550 Infant Warmer, detailing system basics, operation, safety precautions, maintenance, troubleshooting, and technical specifications.</p>
	<p>Braun Type 5517 Beard Trimmer User Manual</p> <p>User manual for the Braun Type 5517 beard and hair trimmer, detailing features, safe usage, maintenance, and warranty. Includes guides for combs and trimmer heads.</p>
	<p>Pirates of Maracaibo: Bermuda Triangle Expansion Rules</p> <p>Official rules and component guide for the Pirates of Maracaibo: Bermuda Triangle expansion, detailing new cards, modules, gameplay, and end-game conditions.</p>
	<p>Pirates of Maracaibo: Schatzsuche Erweiterung - Spielanleitung</p> <p>Detaillierte Spielanleitung für das Schatzsuche-Modul der Erweiterung Pirates of Maracaibo. Erfahren Sie, wie Sie das neue Wettrennen um Schätze spielen, neue Karten integrieren und die Spielvorbereitung anpassen.</p>
	<p>Aqua Marina Inflatable Paddleboard User Manual 2021</p> <p>Comprehensive user manual for Aqua Marina inflatable paddleboards (ISUPs) from 2021, covering general information, safety, product specifications, assembly, maintenance, and troubleshooting.</p>
	<p>ComfortStar R410A 60Hz Universal Outdoor 16 SEER2 Series Technical Manual</p> <p>Detailed technical manual for ComfortStar R410A 60Hz Universal Outdoor 16 SEER2 Series air conditioning and heat pump systems, covering installation, operation, wiring, and troubleshooting.</p>

Documents - Bistos – Bt-410



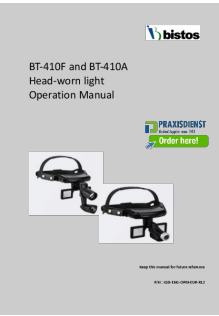
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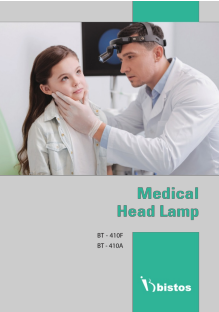
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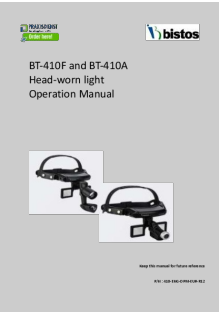
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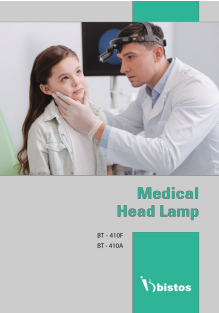
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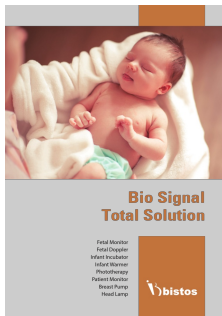
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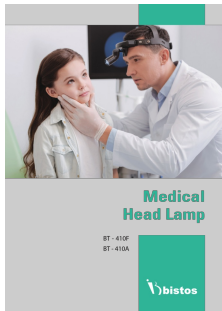
Medical Head LampSingle lens loupe is light weight and simple but provides 2x magnification Page 3 BISTOS Technical Specification Model BT 410 Order codeHe
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Medical Head Lamp BT - 410F BT - 410A Medical Head Lamp **BT-410** F Illumination Uniformity Multi-lens structure ensure high leve
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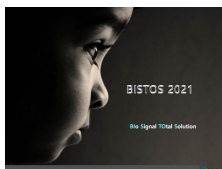
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