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Shinmax HT19

Shinmax Bike Helmet User Manual

Model: HT19

PRODUCT OVERVIEW

The Shinmax Bike Helmet (Model HT19) is designed for adult cyclists, offering safety features, comfort, and visibility. It incorporates a high-density PC shell and EPS foam for impact absorption, a magnetic goggle system for eye protection, and an integrated LED rear light for enhanced visibility.



Image: Shinmax Bike Helmet in black, featuring magnetic goggles and an integrated LED rear light. The helmet has multiple vents for ventilation.

SAFETY INFORMATION

This helmet is designed to reduce the risk of head injury during cycling. It meets CPSC/CPC safety standards. For maximum protection, ensure the helmet fits correctly and is securely fastened. Always replace your helmet after any impact, even if visible damage is not apparent.

- **Construction:** The helmet features a high-density PC (Polycarbonate) shell and EPS (Expanded Polystyrene) foam, utilizing in-molding technology for improved safety performance.
- **Impact Absorption:** The durable hard shell and detachable soft inner pads are designed to absorb pressure from external impacts.

In-Mold Technology



Image: A cutaway view of the Shinmax helmet illustrating the high-density PC shell and impact-absorbing EPS foam, highlighting the in-mold technology for structural integrity.

SETUP AND FIT ADJUSTMENT

1. **Measure Head Circumference:** Use a tape measure to determine the circumference of your head, placing it from the forehead to the back of the head. This helmet is suitable for head circumferences of 54-58cm (M size) or 57-62cm (L size).
2. **Initial Placement:** Place the helmet squarely on your head, ensuring it covers your forehead. It should not tilt backward or forward.
3. **Adjust Retention System:** Locate the adjusting knob at the back of the helmet. Turn the knob clockwise to tighten the fit or counter-clockwise to loosen it until the helmet feels snug and secure without being uncomfortably tight. The helmet should not move excessively when you shake your head.
4. **Adjust Chin Straps:** Fasten the chin strap buckle. Adjust the straps so that they form a “V” shape under your

ears. The strap should be snug against your chin, allowing only one or two fingers to fit between the strap and your chin.

5. **Final Check:** Ensure the helmet is level and stable. It should not obstruct your vision.



FIT GUIDE

SIZE	HEAD CIRCUMFERENCE size confirmed in lad	HEAD CIRCUMFERENCE base on feedback
L	57-62cm (22.44-24.41IN)	57-62cm (22.44-24.41IN)

SIZE L is recommended for adult men and women

DETERMINATION METHOD
Use a tape measure to measure the circumference from the forehead to the back of the head.



CORRECT WAY TO WEAR



Image: A visual guide demonstrating how to measure head circumference and the correct way to wear the helmet, ensuring it sits level and covers the forehead.

Ultra Bright LED Rear Light

3 Flashing Modes: Always-on, Slow Flashing, Fast Flashing.
(Press the light switch to change the mode)



Steps to replace the battery



Push the rear light out of the helmet



Open the rear light



Remove the board



Remove the battery and put the back-up battery (CR1616) in

Image: A detailed view of the helmet's adjustable dial retention system located at the back, with arrows indicating "Tighten" and "Loosen" for precise fit adjustment.

OPERATING INSTRUCTIONS

LED Rear Light

The integrated LED rear light enhances your visibility to others, especially during low-light conditions or at night. It features three distinct lighting modes:

- **Steady On:** Provides continuous illumination.
- **Slow Flashing:** A slow, rhythmic flash pattern.
- **Fast Flashing:** A rapid flash pattern for increased attention.

To cycle through the modes, press the button located on the LED light unit. Press once for steady, a second time for slow flash, a third time for fast flash, and a fourth time to turn it off.



LED Safety Light

3 Flashing Modes

-  Always On
-  Slow Flash
-  Fast Flash



Back-up Battery

Image: The helmet's LED safety light, depicted with icons representing its three flashing modes: Always On, Slow Flash, and Fast Flash. A CR1616 backup battery is also shown.

Magnetic Goggles

The detachable magnetic goggles provide UV400 protection and shield your eyes from wind, sand, and strong ultraviolet light. They attach securely with three strong magnets.

- **Attaching Goggles:** Align the magnets on the goggles with the corresponding points on the helmet's visor. The magnets will snap them into place.
- **Detaching Goggles:** Gently pull the goggles away from the helmet to detach them.
- **Wearing Modes:**
 - **Goggles Down:** For full eye protection during speedy riding or bright conditions.
 - **Goggles Up:** Flip the goggles upwards and they will magnetically attach to the helmet, out of your line of sight, suitable for slower riding or sightseeing.
 - **No Goggles:** Remove the goggles entirely for standard riding.
- **Eyewear Compatibility:** The design allows for wearing personal prescription glasses underneath the magnetic goggles.

UV400

Magnetic goggles keep eyes away from straight sun light, sands and dusts.



Dustproofing



1 Goggles Down

3 Modes of Wearing



2 Goggles Up



3 No Goggles

Image: A visual representation of the three ways to wear the magnetic goggles: fully down for protection, flipped up and attached to the helmet, or completely removed.

Focused On Comfort

Get a distraction-free fit with full-coverage interior padding. We focused on the comfort so you can focus on the ride.



Image: A side-profile diagram showing a person wearing the helmet in three configurations: without goggles, with goggles flipped up, and with goggles down for sun protection.

- **Cleaning the Helmet:** Use a soft cloth, mild soap, and water to clean the exterior of the helmet. Avoid harsh chemicals or abrasive materials, as these can damage the helmet's shell or internal components.
- **Cleaning Inner Liners:** The helmet features removable inner liners for easy cleaning. Gently detach the liners, hand wash them with mild soap and water, rinse thoroughly, and allow them to air dry completely before reattaching them to the helmet.
- **Goggle Care:** Clean the magnetic goggles with a soft, lint-free cloth and a lens cleaning solution or water. Avoid wiping with abrasive materials to prevent scratches.
- **Storage:** Store the helmet in a cool, dry place away from direct sunlight and extreme temperatures. Do not store it in a hot car, as excessive heat can damage the EPS foam.

Removable Inner Liners Easy to Clean the Helmet

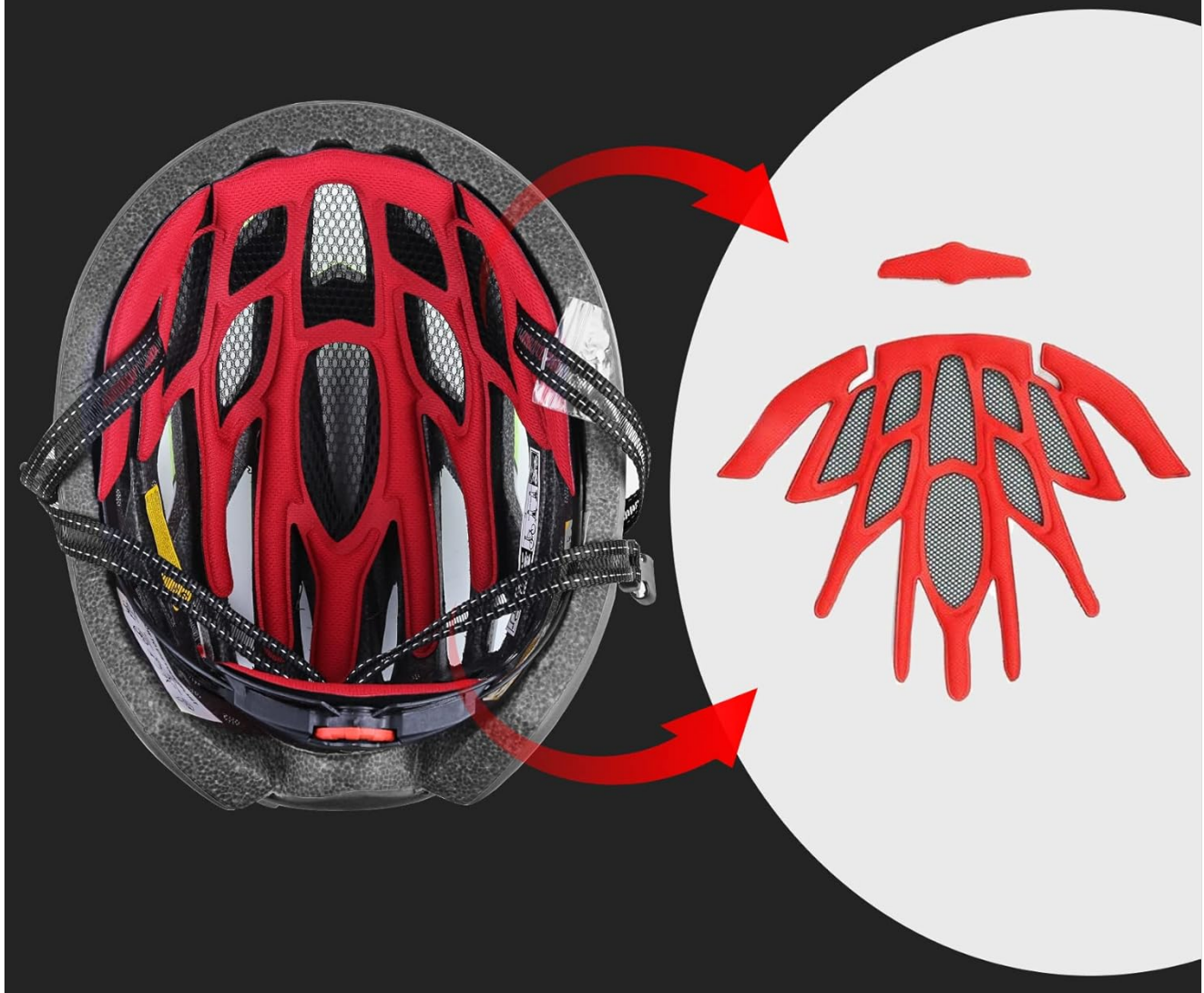


Image: An illustration showing the removable inner liners of the Shinmax helmet, indicating they can be easily detached for cleaning and reinserted.

LED Rear Light Battery Replacement

The LED rear light is powered by a CR1616 button cell battery. An extra replacement battery is included with your

helmet. To replace the battery:

- 1. **Remove Light Unit:** Gently push the rear light unit out of its housing at the back of the helmet.
- 2. **Open Light Casing:** Carefully open the casing of the rear light. This may involve prying it open with a small flat tool or screwdriver.
- 3. **Remove Circuit Board:** Detach the small circuit board to access the battery compartment.
- 4. **Replace Battery:** Remove the old CR1616 battery and insert a new one, ensuring correct polarity (+/-).
- 5. **Reassemble:** Place the circuit board back, close the light casing securely, and reinsert the light unit into the helmet until it clicks into place.



Image: A step-by-step visual guide demonstrating how to replace the CR1616 battery in the helmet’s LED rear light, including pushing out the light, opening it, removing the board, and replacing the battery.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Helmet feels loose or unstable.	Improper fit adjustment.	Tighten the rear adjustment knob and ensure chin straps are snug. Refer to the “Setup and Fit Adjustment” section.
LED rear light not working.	Battery drained or incorrectly installed.	Replace the CR1616 battery, ensuring correct polarity. Refer to the “LED Rear Light Battery Replacement” section.
Magnetic goggles do not attach securely.	Magnets or helmet surface obstructed/damaged.	Ensure magnets on both goggles and helmet are clean and free of debris. Check for any physical damage to the magnets.

Problem	Possible Cause	Solution
Helmet is uncomfortable.	Incorrect fit or liner positioning.	Re-adjust the helmet's fit using the retention system and chin straps. Ensure inner liners are properly seated.


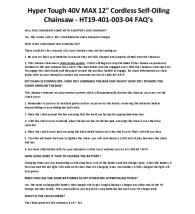


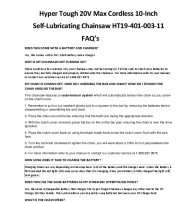
SPECIFICATIONS

Feature	Detail
Brand	Shinmax
Model Name	HT19
Color	Black (for this variant)
Age Range	Adult
Size (M)	54-58cm (21.26-22.83 inches)
Outer Material	Polycarbonate (PC)
Inner Material	Expanded Polystyrene (EPS)
Special Features	Integrated LED Rear Light, Detachable Magnetic Visor/Goggles
Recommended Use	Cycling
Package Weight	0.3 Kilograms (approx. 0.66 lbs)
Included Components	Bike helmet, Magnetic Goggles, Extra CR1616 Battery

WARRANTY AND SUPPORT

This Shinmax product includes a limited warranty. For specific details regarding the warranty period and coverage, please refer to the documentation included with your product packaging or contact Shinmax customer support.

For any questions, technical assistance, or support inquiries, please contact the manufacturer, Shinmax, through their official channels. Contact information can typically be found on the product packaging or their official website.

	<p>Shinmax D1000 Wireless Charging Bluetooth Night Light User Manual</p> <p>User manual for the Shinmax D1000, a wireless charging Bluetooth speaker and colorful night light. Learn about product features, button functions, wireless charging instructions, and technical specifications.</p>
	<p>Hyper Tough HT19-401-003-11 20V Max Cordless Chain Saw Quick Start Guide</p> <p>Quick start guide for the Hyper Tough HT19-401-003-11 20V Max Cordless Chain Saw, covering charging, battery installation, assembly, and safe operation procedures.</p>
	<p>Hyper Tough 40V MAX 12\" data-bbox="213 234 861 247"/> <p>Get answers to common questions about the Hyper Tough 40V MAX 12" Cordless Self-Oiling Chainsaw (HT19-401-003-04). Learn about battery compatibility, chain assembly, oil usage, maintenance, and warranty details.</p> </p>
	<p>Shinmax Multifunctional Pager: Operation Manual & Setup Guide</p> <p>Detailed operation instructions and setup guide for the Shinmax Multifunctional Pager system, covering appearance, app connection, accessory management, and specifications.</p>
	<p>Hyper Tough 40V MAX 12\" data-bbox="213 441 668 454"/> <p>Find answers to common questions about the Hyper Tough 40V MAX 12-inch Cordless Self-Oiling Chainsaw, including battery, operation, maintenance, and warranty information.</p> </p>
	<p>Hyper Tough 20V Max Cordless Chainsaw FAQ and Guide</p> <p>Frequently asked questions and essential information about the Hyper Tough 20V Max Cordless 10-Inch Self-Lubricating Chainsaw, including setup, maintenance, and warranty.</p>