

1Storm HF802

1Storm HF802 Dual Sport Motorcycle Helmet User Manual

Model: HF802

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1. INTRODUCTION

This manual provides essential information for the proper use, maintenance, and care of your 1Storm HF802 Dual Sport Motorcycle Helmet. Please read this manual thoroughly before using the helmet to ensure your safety and to maximize the product's lifespan. This helmet is designed for motorcycle, motocross, and off-road use.



Image 1.1: The 1Storm HF802 Dual Sport Motorcycle Helmet, showcasing its design with both visors.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear a helmet that fits properly and is securely fastened.
- This helmet meets Federal Motor Vehicle Safety Standard 218 (FMVSS 218) and is DOT Approved. Ensure your helmet is always in good condition.
- Never modify the helmet in any way, as this can compromise its protective capabilities.
- Do not expose the helmet to petroleum products or cleaning agents, as they can damage the shell and internal components.
- Replace your helmet after any impact, even if visible damage is not apparent. The helmet's protective structure may be compromised.
- Ensure clear visibility at all times. Clean visors regularly and replace them if scratched or damaged.

3. PRODUCT FEATURES

The 1Storm HF802 helmet incorporates several design elements for rider comfort and protection:

- **Dual Sport and Dual Visor Design:** Features an inner smoked visor for sun protection and an outer clear shield for general use.
- **Lightweight Durable Shell:** Constructed from aerodynamic thermoplastic alloy.
- **Comfortable Interior:** Heavily cushioned and designed for comfort.
- **Removable and Washable Padding:** Allows for easy cleaning and hygiene maintenance.
- **UV Protective Finish:** A glossy finish designed to protect against UV exposure.
- **DOT Approved:** Meets Federal Motor Vehicle Safety Standard 218 (FMVSS 218).



Image 3.1: Key features of the 1Storm HF802 helmet, including the removable brim, dual visor system, mouth vent, and quick-release buckle.

4. SETUP AND INITIAL USE

4.1. Fitting Your Helmet

A proper fit is crucial for safety. Refer to the sizing chart in Section 8 to determine your correct size. The helmet should fit snugly around your head without causing pressure points. The chin strap should be adjusted to be tight enough that the helmet cannot be easily pulled off your head.

4.2. Chin Strap Adjustment

The helmet is equipped with a quick-release buckle. To fasten, insert the male end into the female receiver until it clicks. To release, press the red button on the female receiver. Adjust the strap length using the slider to ensure a snug fit under your chin.

4.3. Visor Installation/Removal

The outer clear shield and inner smoked visor are designed for easy replacement. To remove or install the outer shield, locate the visor clip release mechanism on both sides of the helmet. Rotate the clip in the indicated direction to release or tighten the visor.



Image 4.1: Instructions for shield replacement, showing the visor clip release and tightening mechanism.

5. OPERATING INSTRUCTIONS

5.1. Using the Dual Visor System

- **Outer Clear Shield:** This is your primary shield. It can be moved up or down. It has multiple detent positions (full open, half open, closed) for varying airflow and visibility needs.
- **Inner Smoked Visor (Sun Shield):** This visor is for sun blocking. It can be deployed or retracted using the sun shield visor control switch located on the side of the helmet. Use this only in bright conditions and retract it when light conditions are low to maintain optimal visibility.

5.2. Ventilation

The helmet features multiple air vents, including a mouth vent, to provide airflow. These vents are designed to enhance comfort by promoting air circulation within the helmet. Note that these vents are not adjustable or closable.

6. MAINTENANCE AND CARE

6.1. Cleaning the Exterior

Clean the helmet's exterior with mild soap and water. Use a soft cloth to avoid scratching the UV protective finish. Do not use harsh chemicals, solvents, or petroleum-based cleaners, as these can damage the helmet material.

6.2. Cleaning the Visors

Clean visors with a soft, damp cloth and mild soap. Rinse thoroughly with clean water and allow to air dry. Avoid abrasive materials that can scratch the lens. Replace visors if they become scratched or damaged to

ensure clear vision.

6.3. Cleaning the Interior Padding

The interior padding is removable and washable. Gently remove the padding components. Hand wash with mild soap and cool water. Allow to air dry completely before reinserting into the helmet. Ensure all padding is correctly reinstalled for proper fit and protection.

6.4. Storage

Store the helmet in a cool, dry place away from direct sunlight and extreme temperatures. Avoid placing heavy objects on the helmet, which could deform its shape or compromise its integrity.

7. TROUBLESHOOTING

- **Helmet feels too tight or too loose:** Refer to the sizing chart in Section 8. Ensure the chin strap is properly adjusted. If the size is incorrect, consider replacing the helmet with the appropriate size.
- **Visor fogging:** Ensure the outer clear shield is slightly open to allow airflow, or consider using an anti-fog treatment or insert (not included).
- **Excessive wind noise:** Ensure all visors are fully closed and the helmet is properly seated on your head. Wind noise can vary based on riding speed and motorcycle type.
- **Difficulty with visor movement:** Check for any obstructions or dirt in the visor mechanism. Clean the mechanism if necessary. Do not force the visor.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Model Name	HF802
Brand	1Storm
Certification	DOT Approved (FMVSS 218)
Shell Type	Hard, Aerodynamic Thermoplastic Alloy
Visor System	Dual Visor (Inner Smoked, Outer Clear)
Interior	Removable and Washable Cushioned Padding
Finish	Glossy UV Protective Finish
Material	Plastic
Suggested Users	Unisex-Adult
Item Package Dimensions	15 x 11 x 10 inches
Item Dimensions (LxWxH)	16 x 10.3 x 11.8 inches
Package Weight	2.11 Kilograms
UPC	840036867150

9. SIZING GUIDE

To ensure optimal safety and comfort, measure the circumference of your head above your ears and slightly above your eyebrows. If your measurement falls between two sizes, choose the larger size for a better fit.

US Regular

Brand Size	Head Circumference (in)
S	20.9 - 21.3
M	21.7 - 22
L	22.4 - 22.8
XL	23.2 - 23.6
XXL	24 - 24.3



Image 9.1: Head measurement guide and corresponding size chart for the HF802 helmet.

10. WARRANTY AND SUPPORT

10.1. Warranty Information

The 1Storm HF802 Dual Sport Motorcycle Helmet comes with a **1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accidents, modifications, or normal wear and tear.

10.2. Customer Support

For warranty claims, technical assistance, or any questions regarding your helmet, please contact Power Gear MotorSports, the manufacturer. Refer to your purchase documentation for specific contact details or visit the official 1Storm website.

