



[Manuals.plus](#) /

> [Giro](#) /

> Giro Ratio MIPS Ski and Snowboard Helmet User Manual

Giro Ratio MIPS (Model 7172894-7171889)

Giro Ratio MIPS Ski and Snowboard Helmet User Manual

Brand: Giro

Model: Ratio MIPS (Model 7172894-7171889)



Image: The Giro Ratio MIPS Ski and Snowboard Helmet in Matte Black.

INTRODUCTION TO THE GIRO RATIO MIPS HELMET

This manual provides essential information for the proper use, setup, and maintenance of your Giro Ratio MIPS Ski and

Snowboard Helmet. The Ratio MIPS helmet is engineered to offer enhanced protection for winter sports enthusiasts. It incorporates advanced safety features, including the Multi-Directional Impact Protection System (MIPS), to help reduce rotational forces during certain impacts. Understanding these features and following the guidelines will ensure optimal safety and performance.

Your browser does not support the video tag.

Video: Benefits of buying a Giro Ski or Snowboard Helmet with Mips. This video explains the MIPS technology and its role in reducing rotational forces during impacts.

KEY FEATURES

- **MIPS (Multi-Directional Impact Protection System):** Designed to reduce rotational forces that can result from certain impacts, providing an additional layer of protection.
- **Hard Shell Construction:** Features a rugged outer shell securely attached to an EPS foam liner, offering durability and impact absorption.
- **In Form Fit System:** An intuitive dial at the base of the helmet allows for quick and precise custom fit adjustments, even while wearing gloves. This system provides up to 6cm of adjustment for enhanced stability.
- **Vertical Tuning:** This feature allows for vertical adjustment of the helmet to ensure seamless compatibility with various goggle types and head shapes, eliminating the "gaper gap" (space between goggles and helmet).
- **Thermostat Control Adjustable Venting:** Easily manage airflow with a low-profile control button on the helmet's exterior. This allows for instant temperature regulation to maintain comfort in changing conditions.
- **Stack Vent:** Positioned at the front of the helmet, the Stack Vent aligns with your goggles to promote airflow and help prevent fogging.
- **Seamless Compatibility with Giro Goggles:** Giro helmets are meticulously designed and tested to integrate perfectly with Giro goggles, ensuring an optimal fit and performance.
- **Aftermarket Audio System Compatible:** The helmet is designed to accommodate various aftermarket audio systems for an enhanced experience.

Ratio Mips Features



Image: Diagram highlighting key features of the Giro Ratio MIPS helmet, including MIPS, Thermostat Control, Adjustable Venting, Vertical Tuning, Stack Vent, In Form 2 Dial Fit System, and Hard Shell Construction.

SETUP: ADJUSTING YOUR HELMET

Achieving a proper fit is crucial for helmet safety and comfort. The Giro Ratio MIPS helmet features the In Form Fit System for easy adjustment.

1. **Positioning:** Place the helmet on your head so that it sits level and covers your forehead. The front rim of the helmet should be just above your eyebrows, without obstructing your vision.
2. **In Form Fit System Adjustment:** Locate the adjustment dial at the back of the helmet. Rotate the dial clockwise to tighten the fit or counter-clockwise to loosen it. Adjust until the helmet feels snug and secure, with no excessive movement when you shake your head, but without causing pressure points or discomfort.
3. **Vertical Tuning:** Adjust the vertical position of the helmet to ensure a seamless interface with your goggles. This helps to eliminate any gap between the helmet and goggles, enhancing comfort and protection.
4. **Chin Strap:** Buckle the chin strap and tighten it so that it is snug under your chin. You should be able to fit no more than two fingers between the strap and your chin. The strap should not pinch your skin.

IN FORM DIAL FIT SYSTEM



Easy To Dial In A Custom
Fit In Seconds, Even With
Gloves On

S	20.50-21.75"	52-55.5cm
M	21.75-23.00"	55.5-59cm
L	23.00-24.25"	59-62.5cm
XL	24.25-25.50"	62.5-65cm



Image: Visual guide to the In Form Dial Fit System, illustrating how to adjust the helmet for a custom fit. Includes a size chart for head circumference reference.

OPERATING: VENTILATION AND GOGGLE INTEGRATION

Your Giro Ratio MIPS helmet is equipped with features to keep you comfortable and your vision clear.

- **Thermostat Control Venting:** To adjust the helmet's internal temperature, use the low-profile slider or button on the exterior of the helmet. Slide it to open the vents for increased airflow and cooling, or close them to retain warmth in colder conditions.
- **Stack Vent for Goggle Fogging:** The Stack Vent is strategically placed to align with the top of your goggles. This design helps to draw warm, moist air away from your goggles, reducing the likelihood of fogging. Ensure your goggles are properly positioned against the helmet for optimal performance of this feature.

THERMOSTAT CONTROL VENTING



Thermostat Control Adjustable Venting Allows You To Custom-Tune Airflow Instantly With A Low Profile Control Button On The Outside Of The Helmet



Image: Illustration demonstrating the Thermostat Control adjustable venting system on the Giro helmet, showing the external control button and a user wearing the helmet.

INCLUDED GOGGLES: CRUZ FEATURES

Your helmet comes with a pair of Cruz goggles, designed for clear vision and comfort on the slopes.

- **Anti-Fog Coating:** Helps maintain clear vision in varying conditions.
- **100% UV Protection:** Shields your eyes from harmful ultraviolet rays.
- **OTG Friendly:** Designed to comfortably fit over most prescription eyeglasses.
- **1 Lens Included:** Comes with a standard lens for general conditions.
- **PressFit Lens Interchange System:** Allows for easy and quick lens changes.
- **Cylindrical Thermoformed Lens:** Provides a wide field of view with optical clarity.
- **Double-Layer Face Foam with Microfleece Facing:** Offers comfort and a secure seal against the face.
- **EXV Expansion View Technology:** Delivers an expansive wide field of view.
- **Adult Medium Frame Design:** Sized for adult users.

Cruz Features

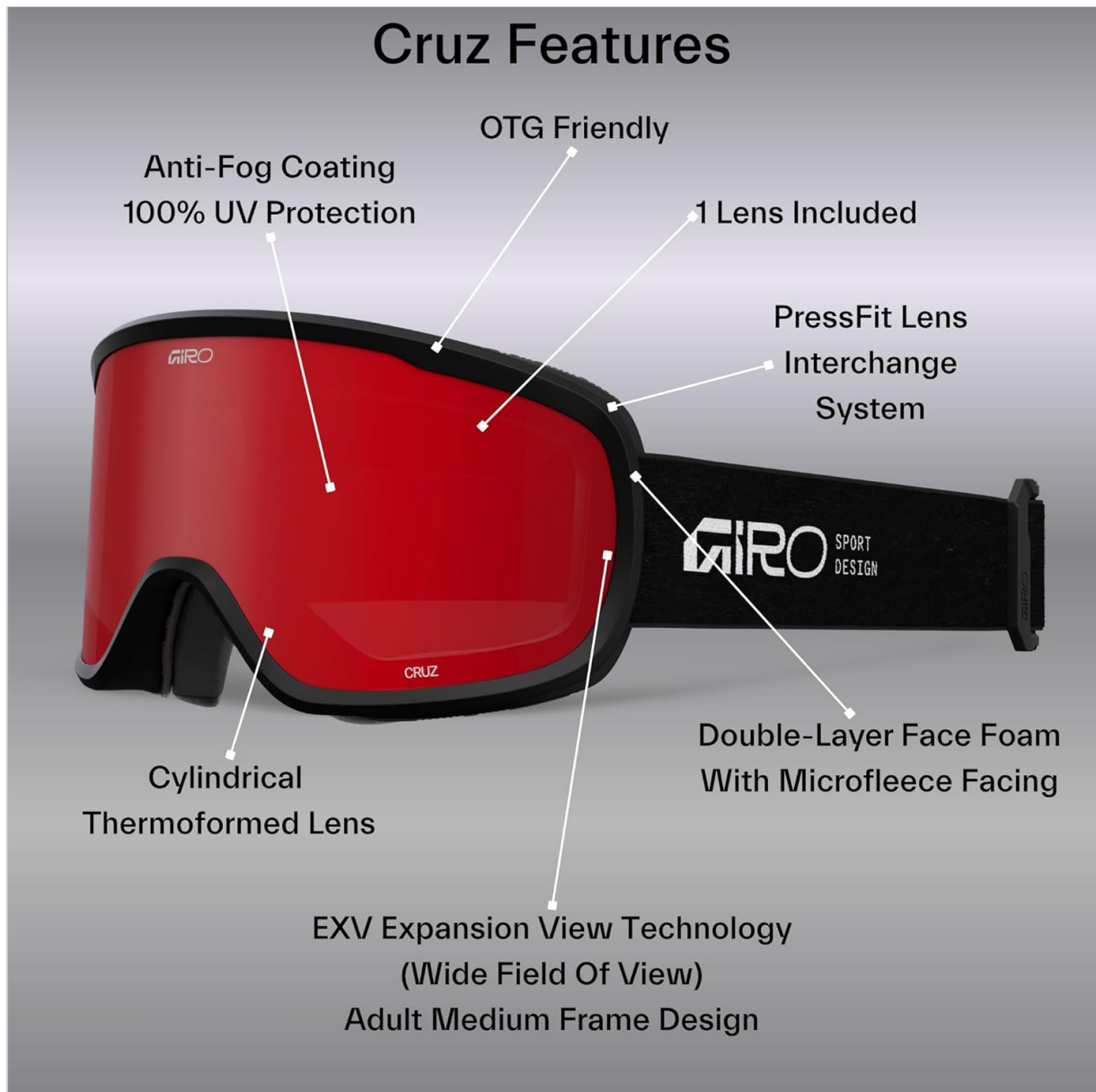


Image: Diagram detailing the features of the Giro Cruz Goggles, including Anti-Fog Coating, UV Protection, OTG Friendly design, PressFit Lens Interchange System, and EXV Expansion View Technology.

MAINTENANCE AND CARE

Proper care extends the life and effectiveness of your helmet and goggles.

- **Helmet Cleaning:** Use a soft, damp cloth with mild soap and water to clean the exterior of your helmet. Avoid using abrasive materials, chemical cleaners, or solvents, as these can damage the helmet's finish and protective materials.
- **Liner and Ear Pad Care:** The helmet's internal padding and ear pads are typically removable for cleaning. Hand wash them gently with mild soap and cool water, then allow them to air dry completely before reattaching. Do not machine wash or tumble dry.
- **Goggle Cleaning:** For goggles, gently wipe the lens with the provided microfiber bag or a soft, non-abrasive cloth. Avoid rubbing the inner lens surface to preserve the anti-fog coating. Clean the goggle frame and strap with mild soap and water.
- **Storage:** Store your helmet and goggles in a cool, dry place away from direct sunlight, extreme heat, or freezing temperatures. Prolonged exposure to harsh conditions can degrade materials. Use a helmet bag for protection during transport and storage.
- **Inspection:** Before each use, inspect your helmet and goggles for any signs of damage, such as cracks, dents, deep scratches, or worn components. If your helmet has sustained any impact, even if no visible damage is apparent, it should be replaced immediately as its protective capabilities may be compromised.

TROUBLESHOOTING COMMON ISSUES

- **Helmet Feels Loose:** Ensure the In Form Fit System dial is fully tightened for a snug fit. Adjust the vertical tuning to optimize helmet positioning on your head.
- **Goggles Don't Fit Seamlessly:** Use the helmet's vertical tuning feature to adjust its height, allowing for better integration with your goggles and reducing any gaps.
- **Goggles Fogging Up:** Verify that the helmet's Stack Vent is clear and aligned with your goggles. Adjust the Thermostat Control venting to increase airflow through the helmet, which can help dissipate moisture. Ensure goggles are clean and anti-fog coating is intact.
- **Discomfort or Pressure Points:** Re-adjust the In Form Fit System and chin strap. If discomfort persists, verify that you are using the correct helmet size for your head circumference.
- **Difficulty Changing Goggle Lenses:** Refer to the goggle's specific instructions for the PressFit Lens Interchange System. Ensure the lens is properly aligned before applying pressure.

PRODUCT SPECIFICATIONS

Brand	Giro
Model Name	Ratio MIPS
Model Number	7172894-7171889
UPC	199270000633
Age Range	Adult
Size	Medium
Color	(Combo) Matte Black - Black Stacked
Outer Material	Polycarbonate (PC)
Special Feature	Ventilation
Recommended Uses	Skiing, Snowboarding
Item Dimensions	12 x 10 x 10 inches
Item Weight	2.4 Pounds
Included Components	Snow Goggle, Snow Helmet

WARRANTY INFORMATION

Giro Sport Design warrants its products to be free from defects in workmanship and materials for a period of one (1) year from the date of purchase. This warranty is extended only to the original consumer purchaser. During the warranty period, Giro (at its sole option) will repair, replace, or refund the purchase price of any defective part or product covered by this warranty when it is returned by the original owner with proof of purchase. The repair, replacement, or refund will be without charge except for reasonable shipping, handling, and insurance charges.

CUSTOMER SUPPORT

For further assistance, product inquiries, or support regarding your Giro Ratio MIPS Helmet or included goggles, please visit the official Giro website or contact their customer service department through the contact information provided on their website.

