

Giro Sario

Giro Sario Mips Ski Helmet User Manual

Model: Sario

1. INTRODUCTION

This manual provides essential instructions for the proper use, fitting, maintenance, and care of your Giro Sario Mips Ski Helmet. Please read this manual thoroughly before using your helmet to ensure optimal performance and safety. Retain this manual for future reference.

The Giro Sario Mips helmet is designed for skiing and snowboarding, featuring in-mold construction, ventilation, and the Multi-Directional Impact Protection System (MIPS) for enhanced safety.

2. SAFETY INFORMATION

- This helmet is designed to reduce the risk of head injury in certain impacts. It cannot protect against all possible impacts or injuries.
- Always wear your helmet correctly fitted and securely fastened.
- Inspect your helmet for damage before each use. Do not use a damaged helmet.
- Never modify your helmet. Modifications can compromise its protective capabilities.
- A helmet that has sustained an impact, even if it appears undamaged, should be replaced immediately. The protective materials may be compromised.
- Avoid exposing the helmet to extreme heat (e.g., inside a hot car), as this can damage the materials.

3. COMPONENTS

The Giro Sario Mips helmet consists of several key components:

- **Outer Shell:** Made from Polycarbonate (PC), providing durability and impact resistance.
- **Impact Liner:** Constructed from Expanded Polystyrene (EPS) to absorb impact energy.
- **MIPS Layer:** An integrated low-friction layer designed to reduce rotational forces to the head during certain angled impacts.
- **Ventilation System:** Strategically placed vents for airflow.
- **Chin Strap and Buckle:** For securing the helmet to your head.

- **Ear Pads:** Removable for comfort and warmth.



Figure 3.1: Front and side view of the Giro Sario MIPS Ski Helmet. This image shows the helmet's matte white finish, the Giro logo on the side, and the general shape with ventilation openings.



Figure 3.2: Interior view of the Giro Sario MIPS Ski Helmet. This image highlights the internal padding, the MIPS layer (often yellow), and the chin strap attachment points.

4. SETUP AND FITTING

Proper helmet fit is crucial for safety and comfort. Follow these steps to ensure your helmet is correctly fitted:

1. **Size Selection:** Ensure you have selected the correct helmet size. The helmet should fit snugly around your head without causing pressure points. Refer to the size chart if available.
2. **Positioning:** Place the helmet on your head so that the front edge is just above your eyebrows. It should not tilt backward, exposing your forehead, or forward, obstructing your vision.
3. **Shake Test:** With the chin strap unbuckled, shake your head gently from side to side and front to back. The helmet should remain stable and not shift significantly.

4. **Chin Strap Adjustment:** Buckle the chin strap. Adjust the strap so it is snug under your chin, but not uncomfortably tight. You should be able to open your mouth wide without the strap digging in, and only one or two fingers should fit between the strap and your chin.
5. **Ear Pad Comfort:** Ensure the ear pads are comfortable and do not obstruct hearing.



Figure 4.1: Detail of the chin strap and buckle. This image illustrates the adjustable strap and the quick-release buckle mechanism for securing the helmet.

5. OPERATING FEATURES

The Giro Sario Mips helmet includes features designed for comfort and performance:

- **Ventilation:** The helmet features fixed vents to allow air circulation, helping to regulate temperature and prevent goggle fogging.
- **Goggle Compatibility:** The helmet is designed to integrate seamlessly with most ski goggles. Ensure your goggles fit comfortably with the helmet, without creating pressure points or large gaps.
- **Removable Ear Pads:** The ear pads can be removed for warmer conditions or for cleaning.



Figure 5.1: Rear view of the helmet. This image displays the goggle strap retainer clip and the rear ventilation openings.

6. MAINTENANCE

Proper maintenance extends the life of your helmet and ensures its continued protective function.

6.1 Cleaning

- Clean the helmet shell with a soft cloth, mild soap, and water only. Avoid harsh chemicals, solvents, or abrasive cleaners, as these can damage the helmet materials.
- The internal padding and ear pads can be gently hand-washed with mild soap and water, then air-dried. Ensure they are completely dry before reattaching them to the helmet.
- Do not machine wash or tumble dry any helmet components.

6.2 Storage

- Store your helmet in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing the helmet near heat sources or chemicals.
- Transport the helmet in a protective bag to prevent scratches and minor damage.

7. TROUBLESHOOTING

Issue	Possible Cause	Solution
Helmet feels too loose or too tight	Incorrect size or improper strap adjustment.	Re-adjust chin strap. If still loose/tight, verify helmet size is appropriate for your head circumference.
Goggles do not fit properly with helmet	Goggle frame shape or size incompatibility.	Adjust goggle strap position. Consider trying different goggle models for better integration.
Excessive head sweating or discomfort	Inadequate ventilation or helmet fit.	Ensure vents are clear. Verify helmet fit; a helmet that is too tight can restrict airflow.
Helmet makes creaking noises	Minor movement between internal components (e.g., MIPS layer).	This is often normal for MIPS-equipped helmets and does not affect safety. Ensure all padding is correctly seated.

8. SPECIFICATIONS

Feature	Detail
Model Name	Sario
Brand	Giro
Outer Material	Polycarbonate (PC)
Inner Material	Expanded Polystyrene (EPS)
Safety System	MIPS (Multi-Directional Impact Protection System)
Color	Matte White
Approximate Item Weight	0.5 Kilograms
Approximate Item Dimensions (L x W x H)	10 x 10 x 10 inches
UPC	196178244930
Part Number	7148125

9. WARRANTY AND SUPPORT

For specific warranty information and details regarding your Giro Sario Mips Ski Helmet, please refer to the warranty card included with your purchase or visit the official Giro website. General support and contact information can also be found on the Giro website.

It is recommended to register your product upon purchase to facilitate any warranty claims or support needs.

Giro Official Website: www.giro.com

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