

## Giro Grid Spherical Snow Ski Helmet

# Giro Grid Spherical Snow Ski Helmet Instruction Manual

Model: Grid Spherical Snow Ski Helmet

Brand: Giro

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## 1. INTRODUCTION

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

## 2. KEY FEATURES

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The Giro Grid Spherical Snow Ski Helmet is engineered with advanced technologies to provide superior protection, comfort, and ventilation for backcountry guides, side country enthusiasts, and touring athletes.

- **Market-Leading Protection:** Engineered in Giro's category-leading helmet test lab.
- **Spherical Mips:** A refinement and evolution of the Multi-Directional Impact Protection System (Mips). This sophisticated design features two layers of EPP foam that fit together like a ball-and-socket, helping to protect from rotational energy.
- **Custom Fit:** The lightweight and low-profile In Form 2 Fit System provides up to 6 cm of adjustment and stability with an improved dial design.
- **Ventilation:** Thermostat Control adjustable venting allows you to custom tune airflow instantly with a simple, low-profile control button on the outside of the helmet. Stack Vent in the front of the helmet aligns with your goggles to help keep them clear and fog-free.
- **Additional Features:** Fidlock magnetic buckle closure, single-piece liner (liner and earpads are integrated), lightest weight helmet in our collection, Polartec Power Grid padding, seamless compatibility with all Giro goggles, and compatible with aftermarket audio systems.

## Spherical Technology Explained

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This video explains Giro's Spherical Technology, powered by Mips, detailing how its unique ball-and-socket design and dual-foam liners protect against both low-speed and high-speed impacts by redirecting rotational forces away from the brain. It also highlights enhanced ventilation and a low-profile design for comfort and performance on the mountain.

## Giro Grid/Envi Mips Overview

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This video provides an overview of the Giro Grid and Envi Mips helmets, emphasizing their lightweight construction, durability, and comfort. It showcases the Thermostat Control ventilation system and the Mips Spherical Technology for enhanced protection against rotational energy, along with the quick-drying Polartec lining.

## 3. SETUP & FITTING

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### 3.1 Initial Fit Check

Before each use, ensure your helmet fits snugly and comfortably. The helmet should sit level on your head, covering your forehead without obstructing your vision. It should not move excessively when you shake your head.



A matte black Giro Grid Spherical Snow Ski Helmet, shown from a three-quarter angle, highlighting its sleek design and Mips integration.

### 3.2 Adjusting the In Form 2 Fit System

The In Form 2 Fit System allows for precise adjustment to achieve a personalized fit. Locate the dial at the back of the helmet. Turn the dial clockwise to tighten the fit and counter-clockwise to loosen it. Adjust until the helmet feels secure without uncomfortable pressure points.

### 3.3 Securing the Fidlock Magnetic Buckle

The Fidlock magnetic buckle provides quick and secure fastening. To close, bring the two buckle parts together; the magnets will automatically engage and lock. To open, slide the buckle parts horizontally away from each other. Ensure the strap is adjusted so the helmet is snug under your chin, allowing for comfortable breathing and movement.

### 3.4 Goggle Compatibility

The Giro Grid helmet is designed for seamless compatibility with all Giro goggles. When wearing goggles, ensure they fit comfortably with the helmet, without creating pressure points or large gaps that could expose your skin to the elements.



A person wearing a light-colored Giro Grid Spherical Snow Ski Helmet paired with compatible goggles, demonstrating the seamless integration of the helmet and eyewear.

## 4. OPERATING & USAGE

### 4.1 Thermostat Control Adjustable Venting

The Thermostat Control system allows you to regulate the airflow through your helmet. Locate the low-profile slider on the top of the helmet. Slide it forward to open the vents for maximum airflow and cooling, or slide it backward to close the vents for warmth. Adjust as needed based on weather conditions and activity level.

### 4.2 Stack Vent Technology

The Stack Vent is strategically placed at the front of the helmet to align with the top of your goggles. This design helps to draw warm, moist air away from your goggles, preventing fogging and maintaining clear vision. Ensure your goggles are properly seated against the helmet for optimal Stack Vent performance.

## 4.3 Audio System Compatibility

The Giro Grid helmet is compatible with most aftermarket audio systems. Consult the audio system's instructions for proper installation into the helmet's earpads.

## 5. MAINTENANCE

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### 5.1 Cleaning the Helmet Shell

Clean the helmet shell with a soft, damp cloth and mild soap. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the helmet's finish and materials. Rinse thoroughly with clean water and air dry.

### 5.2 Cleaning the Liner and Earpads

The single-piece liner and earpads can be removed for cleaning. Hand wash them in cold water with a mild detergent. Do not machine wash or tumble dry. Air dry completely before reinserting them into the helmet. Ensure they are correctly reinstalled to maintain proper fit and protection.

### 5.3 Storage

Store your helmet in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing it near heat sources or in areas where it could be exposed to chemicals or petroleum products, as these can degrade the helmet materials. Use a helmet bag (if provided) to protect it from scratches and dust.

### 5.4 Inspection

Regularly inspect your helmet for any signs of damage, such as cracks, dents, or frayed straps. If the helmet has sustained an impact, even if no visible damage is present, it should be replaced immediately. Helmets are designed for single-impact protection.

## 6. TROUBLESHOOTING

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### 6.1 Helmet Feels Loose or Too Tight

Adjust the In Form 2 Fit System dial at the back of the helmet. Turn clockwise to tighten, counter-clockwise to loosen. Ensure the chin strap is also properly adjusted for a secure fit.

### 6.2 Goggles Fogging Up

Ensure the Thermostat Control vents are open for maximum airflow. Verify that your goggles are properly seated against the helmet to allow the Stack Vent technology to function effectively. Clean your goggle lenses according to their manufacturer's instructions.

### 6.3 Discomfort or Pressure Points

Re-adjust the In Form 2 Fit System. If discomfort persists, check if the liner or earpads are correctly seated. If the helmet size is incorrect, consider trying a different size. Helmets should fit snugly but comfortably.

## 7. SPECIFICATIONS

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| Feature | Detail |
|---------|--------|
| Brand   | Giro   |

|                     |   |
|---------------------|---|
| Model               | Grid Spherical Snow Ski Helmet  |
| Color (as reviewed) | Matte Black   |
| Age Range           | Adult   |
| Size (as reviewed)  | Small   |
| Special Feature     | Adjustable Fit System, Spherical Mips, Thermostat Control Ventilation |

## 8. WARRANTY & SUPPORT

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### 8.1 Warranty Information

Giro helmets are covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary. Please refer to the official Giro website or contact customer support for detailed warranty information.

### 8.2 Customer Support

For any questions, concerns, or assistance with your Giro Grid Spherical Snow Ski Helmet, please visit the official Giro website for support resources, FAQs, and contact information. You may also reach out to the retailer where you purchased the product.