



[Manuals.plus](#) /

› [Nordica](#) /

› Nordica Promachine 110 Ski Boots User Manual

Nordica Promachine 110

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Model: Promachine 110

INTRODUCTION

This manual provides essential information for the proper use, care, and maintenance of your Nordica Promachine 110 Ski Boots. Please read this manual thoroughly before using your boots to ensure optimal performance, safety, and longevity.



Figure 1: Nordica Promachine 110 Ski Boots (Front View)

A pair of Nordica Promachine 110 ski boots, presented from a slightly elevated front angle, showcasing their anthracite grey shell, black cuffs, and vibrant red buckles and accents. The Nordica logo is prominently displayed on the lower shell.

SETUP AND INITIAL FIT

Proper setup is crucial for comfort and performance. Follow these steps to prepare your boots for skiing.

1. **Unbuckling:** Fully unbuckle all four buckles and loosen the power strap at the top of the cuff. This allows for easier

entry and exit.

2. **Entry:** Pull the tongue of the liner forward and outward to create space. Slide your foot into the boot, ensuring your heel is seated firmly against the back of the liner.
3. **Initial Buckling:**
 - Start with the two buckles over the instep (middle buckles). Fasten them lightly, just enough to hold your foot in place.
 - Next, fasten the two cuff buckles (top buckles). These should be snug but not overly tight.
 - Finally, tighten the power strap. This strap helps secure the upper cuff and provides additional support.
4. **Flex Test:** Stand up and flex forward at the ankles, as if you were skiing. This will push your heel back into the heel pocket. Re-tighten all buckles if necessary, ensuring a snug fit without pressure points.





Figure 2: Front View of Boot Buckles

A close-up front view of a single Nordica Promachine 110 ski boot, highlighting the four adjustable buckles and the wide power strap at the top. The red accents on the buckles are clearly visible.

OPERATING THE BOOTS

Understanding how to properly use your ski boots on and off the slopes is essential for comfort and performance.

Walking in Ski Boots

The Nordica Promachine 110 boots are designed to make walking in ski boots easier and more natural. When walking, ensure all buckles are fastened but not overly tight. This provides support and protects the boot shell. Take short, deliberate steps, and be mindful of slippery surfaces.

Skiing Performance

When skiing, ensure all buckles are tightened appropriately for your desired performance level. The Promachine 110 offers a responsive feel. Engage your shins with the boot tongue as you flex forward to initiate turns and maintain control. The boot's design supports precise power transmission to your skis.



Figure 3: Side Profile of Boot

A side view of the Nordica Promachine 110 ski boot, illustrating the profile of the cuff and lower shell. The black and anthracite grey colors are prominent, along with the red buckle details and the Nordica branding.

MAINTENANCE AND CARE

Proper maintenance extends the life of your ski boots and ensures consistent performance.

- **Cleaning:** After each use, wipe down the exterior of the boots with a damp cloth to remove dirt, snow, and salt. Avoid harsh chemicals.
- **Drying:** Remove the liners from the shells if possible, or at least open the boots fully (unbuckle all buckles and loosen power strap) to allow air circulation. Dry liners at room temperature, away from direct heat sources like radiators or open flames, which can damage the material.
- **Storage:** When storing your boots for extended periods (e.g., off-season), buckle them lightly. This helps maintain the boot's shape and prevents warping. Store in a cool, dry place away from direct sunlight.
- **Buckle and Strap Inspection:** Periodically check all buckles, straps, and screws for any signs of wear, damage, or looseness. Replace damaged components immediately.
- **Sole Wear:** Inspect the soles for excessive wear, especially around the toe and heel pieces. Worn soles can affect binding release. Consult a certified ski technician for sole replacement if needed.



Figure 4: Boot Shell and Liner Opening

An angled view of a single Nordica Promachine 110 ski boot, providing a clear look at the outer shell and the opening where the liner is inserted. This view is useful for understanding how to remove and reinsert the liner for drying or cleaning.

Here are some common issues and their potential solutions.

Problem	Possible Cause	Solution
Discomfort or Pressure Points	Buckles too tight, incorrect size, liner packing out, footbed issues.	Loosen buckles, try different socks, consider custom footbeds, or consult a boot fitter for shell modification.
Loose Fit / Heel Lift	Buckles not tight enough, liner packed out, incorrect size.	Tighten buckles, especially the instep buckles. Ensure heel is fully seated. Consider a volume reducer or thicker socks.
Difficulty Buckling	Cold temperatures making plastic stiff, debris in buckle mechanism.	Warm boots indoors before use. Clear any debris from buckles. Apply a silicone-based lubricant if necessary.
Cold Feet	Too many socks, poor circulation, inadequate insulation.	Wear one pair of good quality ski socks. Ensure boots are not too tight. Consider boot heaters.

SPECIFICATIONS

Key technical specifications for the Nordica Promachine 110 Ski Boots.

Brand Name: Nordica

Model Name: Promachine 110

Part Number: 050F5002M99

Color: Anthracite/Black/Red

Material: Other (Shell/Liner composition)

Suggested Users: Men

Included Components: Ski Boots

Item Package Dimensions (L x W x H): 21.4 x 15.4 x 5.7 inches

Package Weight: 4.97 Kilograms

First Available Date: August 29, 2022



Figure 5: Rear View of Boot

A rear view of the Nordica Promachine 110 ski boot, clearly displaying the spine design and the "110" model designation. This angle highlights the structural elements of the boot's rear cuff.

For information regarding warranty coverage or technical support, please refer to the official Nordica website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Nordica Official Website: www.nordica.com

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This manual is for informational purposes only. Specifications are subject to change without notice.