LEKI Makalu FX Carbon AS

LEKI Makalu FX Carbon AS Trekking Poles User Manual

Model: 1300552

1. Introduction

The LEKI Makalu FX Carbon AS Trekking Poles are designed for hiking and trekking, offering a blend of lightweight construction, adjustability, and anti-shock performance. These poles feature a hybrid construction of carbon and aluminum, a foldable design for compact storage, and the Dynamic Suspension System (DSS) to reduce impact. The Aergon Air Grip provides comfort and security during use.

Image 1.1: A pair of LEKI Makalu FX Carbon AS Trekking Poles in greenblue and black, fully extended.

2. Setup

2.1 Unfolding the Poles

1. Hold the grip section of the pole.
2. Allow the lower sections to drop freely.
3. Pull the lowest section until the internal cord is taut and the locking mechanism clicks into place, securing the pole sections.

2.2 Adjusting Pole Length

The Makalu FX Carbon AS poles feature the Speed Lock 2 Plus system for quick and secure length adjustment.

1. Open the Speed Lock 2 Plus lever located on the upper shaft section.
2. Adjust the pole to your desired length (between 110 cm and 130 cm). Refer to the pole length advisor for

guidance.

3. Close the Speed Lock 2 Plus lever firmly until it is flush with the pole shaft. Ensure the pole is securely locked before use.

POLE LENGTH ADVISOR

	NORDIC WALKING	SKI ROLLER SKATING	TRAIL RUNNING	TREKKING ★/ CROSS TRAIL ★
3'11"	80	115	85	85
4'1"	85	120	90	90
4'3"	90	120	90	90
4'5"	90	125	95	95
4'7"	95	130	100	100
4'9"	100	135	100	100
4'11"	100	140	105	105
5'1"	105	145	110	110
5'3"	110	150	110	110
5'5"	110	155	115	115
5'7"	115	160	120	120
5'9"	120	165	120	120
5'11"	120	170	125	125
6'1"	125	170	130	130
6'3"	130	175	135	135
6'5"	135	180	135	135
6'7"	135	180	140	140

INFO: Lengths are recommendations and can differ from individual preferences.
★ **Uphill**: 5–10 cm shorter, depending on steepness and inclination
// **Downhill**:5–10 cm longer, depending on steepness and inclination

Image 2.1: A chart providing recommended pole lengths based on user height for various activities including trekking and cross trail.

2.3 Using the Aergon Air Grip and Strap

The Aergon Air Grip is designed for ergonomic comfort and efficient power transfer. The extended grip allows for varied hand positions on slopes.

1. Slide your hand up through the strap from below.
2. Grasp the grip and the strap together. The strap should fit snugly around your wrist without being too tight, allowing for proper blood circulation.
3. Adjust the strap length as needed for a secure and comfortable fit.

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Image 2.2: A detailed view of the LEKI Aergon Air Grip, showing its ergonomic shape and textured foam surface.

Image 2.3: An illustration demonstrating the correct way to hold the trekking pole grip with the hand passing through the strap.

3. Operating the Trekking Poles

3.1 General Usage

Trekking poles provide stability, reduce strain on joints, and aid in propulsion during hiking. Use them to maintain balance on uneven terrain, support your body weight on ascents and descents, and establish a rhythm while walking.

3.2 Dynamic Suspension System (DSS)

The integrated Dynamic Suspension System (DSS) in the Makalu FX Carbon AS poles helps absorb impacts, reducing stress on your wrists, elbows, and shoulders. This system is particularly beneficial on hard surfaces or during prolonged descents.

3.3 Adapting to Terrain

- **Uphill:** Shorten the poles slightly to maintain an effective push-off. Utilize the extended grip for a lower hand position without adjusting the main length.
- **Downhill:** Lengthen the poles slightly to provide better support and reach.
- **Traversing:** Adjust the pole length differently for each side, or use the extended grip on the uphill side.

4. Maintenance

4.1 Cleaning and Drying

- After each use, especially in wet or muddy conditions, wipe down the pole sections with a damp cloth.
- Ensure all sections are completely dry before collapsing and storing the poles to prevent corrosion or damage to internal mechanisms.
- Do not use harsh chemicals or abrasive cleaners.

4.2 Inspecting Locking Mechanisms

Regularly check the Speed Lock 2 Plus levers for proper function. Ensure they close firmly and hold the pole sections securely. If a lever feels loose, it may require adjustment (refer to LEKI's official support for specific instructions if needed).

4.3 Tip and Basket Care

The DSS Tip is designed for durability. Inspect the tip and basket (Trekking 2.0) for wear or damage. Worn tips can be replaced by authorized service centers or with genuine LEKI replacement parts.

Image 4.1: A close-up view of the LEKI trekking pole tip, showing the DSS tip and the Trekking 2.0 basket.

4.4 Storage

Store poles in a dry, cool place, away from direct sunlight. For long-term storage, it is recommended to keep the poles slightly extended to relieve pressure on the internal cord and locking mechanisms.

5. Troubleshooting

5.1 Pole Sections Not Locking Securely

- **Issue:** Pole sections slide or collapse during use.
- **Solution:** Ensure the Speed Lock 2 Plus lever is fully closed and tightened. If the lever feels loose, it may need adjustment. For the folding mechanism, ensure the lowest section is pulled firmly until it clicks into place and the internal cord is taut.

5.2 Difficulty Adjusting Length

- **Issue:** Speed Lock 2 Plus lever is stiff or difficult to open/close.
- **Solution:** Clean any dirt or debris from around the lever mechanism. Apply a small amount of silicone-based lubricant if necessary. Do not force the lever.

5.3 Rattling Noise from Poles

- **Issue:** A rattling sound is heard from inside the pole.
- **Solution:** This is often normal due to the internal cord and spring mechanism of the folding system. Ensure all sections are fully extended and locked. If the noise is excessive or accompanied by instability, inspect for

loose components.

6. Specifications

Model	Makalu FX Carbon AS
Model Number	1300552
Activities	Trekking, Hiking
Adjustable Length	110 - 130 cm
Packed Size	15.7 inches (40 cm)
Weight (per pole)	9.1 oz (258 g)
Material	Carbon (PRC 1000), Aluminum (HTS 6.5)
Grip	Aergon Air Grip with Extended Grip
Locking System	Speed Lock 2 Plus
Folding System	ELD (External Locking Device)
Suspension System	Dynamic Suspension System (DSS)
Basket	Trekking 2.0
Tip	DSS Tip, 14 mm

7. Warranty and Support

7.1 Limited Warranty

LEKI products are covered by a Limited Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the official LEKI website or contact LEKI customer service.

7.2 Customer Support

For further assistance, technical questions, or spare parts, please visit the official LEKI website or contact their customer support department. Always provide your product model number (1300552) when seeking support.