Pelican 1550-000-110

Pelican 1550 Case User Manual

Model: 1550-000-110 | Brand: Pelican

1. Introduction

The Pelican 1550 Protector Case is engineered to provide robust protection for your valuable equipment. Built with a durable Copolymer Polypropylene, this case features an open cell core and solid wall construction, ensuring both strength and lightweight portability. Its design incorporates a distinctive twin-ribbed top surface, stainless steel hardware for hinges and handles, and user-friendly Double-Throw latches for secure closure.
Key features include:

- Watertight and dustproof seal with a tongue and groove fit and polymer O-ring.
- Automatic Pressure Equalization Valve to balance interior pressure while keeping water out.
- Customizable Pick N' Pluck foam interior for tailored equipment protection.
- Stainless steel reinforced padlock protectors for enhanced security.

2. Product Features

The Pelican 1550 Case is designed with several features to ensure maximum protection and ease of use:

2.1. Construction and Durability

The case's exterior is crafted from high-impact Copolymer Polypropylene, providing exceptional resistance to impacts and harsh environments. The solid wall construction contributes to its overall rigidity and protective capabilities.



Image: The Pelican 1550 Case is built to be waterproof, indestructible, and trusted by professionals for protecting valuable gear.

2.2. Watertight Seal and Pressure Valve

A tongue and groove fit combined with a polymer O-ring creates a watertight and dustproof seal, safeguarding contents from moisture and debris. The integrated Automatic Pressure Equalization Valve releases built-up air pressure, which can occur due to changes in altitude or temperature, without compromising the case's waterproof integrity.



Image: Detail of the Pelican 1550 Case's robust latch and pressure equalization valve, essential for maintaining internal pressure and waterproof integrity.

2.3. Customizable Foam Interior

The 1550 Case comes standard with Pelican's exclusive Pick N' Pluck foam. This pre-scored foam allows you to easily customize the interior compartments to precisely fit your equipment, providing snug and secure cushioning against impacts and vibrations.



Image: The Pelican 1550 Case features customizable Pick N' Pluck foam, an automatic pressure valve, and is designed for versatility and extreme durability.

3. Setup and Customization

Setting up your Pelican 1550 Case involves customizing the Pick N' Pluck foam to create a perfect fit for your items. This process ensures optimal protection during transport.

3.1. Customizing the Foam

1. **Plan Your Layout:** Before you begin plucking, arrange your equipment on top of the foam layers to visualize the best layout. Consider the shape and size of each item, ensuring adequate cushioning around all sides.
2. **Mark the Outline:** Use a marker or chalk to lightly trace the outline of each item on the foam.
3. **Pluck the Foam:** Carefully remove the pre-scored foam squares according to your marked outlines. For cleaner cuts or intricate shapes, a sharp utility knife can be used. Ensure the depth is sufficient for your items.

4. **Test Fit:** Place your equipment into the customized compartments to ensure a snug fit. Adjust by removing more foam if necessary.

For a visual guide on customizing the foam, please refer to the official product video below:

Video: Official demonstration of the Pelican 1550 Camera Case, including a view of its customizable foam interior.

4. Operating Instructions

4.1. Opening and Closing the Latches

The Pelican 1550 Case features Double-Throw latches for secure and easy operation. To open, simply pull the latch outwards and then lift it upwards. To close, align the lid with the base and press the latches down firmly until they click into place. Ensure all latches are securely fastened to maintain the watertight seal.

4.2. Using the Automatic Pressure Equalization Valve

The case is equipped with an Automatic Pressure Equalization Valve, typically located near the handle. This valve automatically adjusts the internal pressure to match external atmospheric pressure, preventing vacuum lock or pressure buildup. No manual operation is required for this feature.

5. Maintenance and Care

Proper maintenance will extend the life and performance of your Pelican 1550 Case:

- **Cleaning:** Clean the exterior of the case with mild soap and water. Avoid abrasive cleaners that could damage the finish.
- **O-Ring Inspection:** Periodically inspect the O-ring for any cracks, tears, or debris. A clean, well-maintained O-ring is crucial for the watertight seal. If necessary, clean the O-ring and its groove with a soft cloth.
- **Foam Care:** The Pick N' Pluck foam can be gently cleaned with a damp cloth. Allow it to air dry completely before reinserting into the case.
- **Storage:** Store the case in a cool, dry place away from direct sunlight when not in use.

6. Troubleshooting

Most issues with your Pelican 1550 Case can be easily resolved:

- **Difficulty Opening Latches:** If latches are stiff, ensure the case is on a flat surface. Pressure differences can sometimes make opening difficult; the Automatic Pressure Equalization Valve should mitigate this, but extreme conditions might require a slight pause after unlatching before lifting the lid.
- **Water or Dust Ingress:** Check the O-ring for proper seating, cleanliness, and any damage. Ensure the O-ring

groove is free of debris. Verify that all latches are fully engaged.

- **Loose Foam:** If the Pick N' Pluck foam becomes loose over time, additional foam layers or adhesive can be used to secure it.

7. Specifications

Attribute	Detail
Product Dimensions	20.62 x 8.12 x 16.87 inches
Interior Dimensions	18.43 x 14.00 x 7.62 inches
Item Weight	10.58 pounds
Model Number	1550-000-110
Material	Copolymer Polypropylene
Country of Origin	USA



Image: Visual representation of the Pelican 1550 Case's external dimensions.

8. Warranty and Support

Pelican Products are renowned for their durability and reliability. The Pelican 1550 Case is backed by a comprehensive warranty, reflecting the manufacturer's commitment to quality.

8.1. Lifetime Guarantee of Excellence

Pelican Protector Cases are **Guaranteed For Life** against breakage or defects in workmanship. This guarantee ensures that your investment is protected for the long term, providing peace of mind for your valuable equipment.

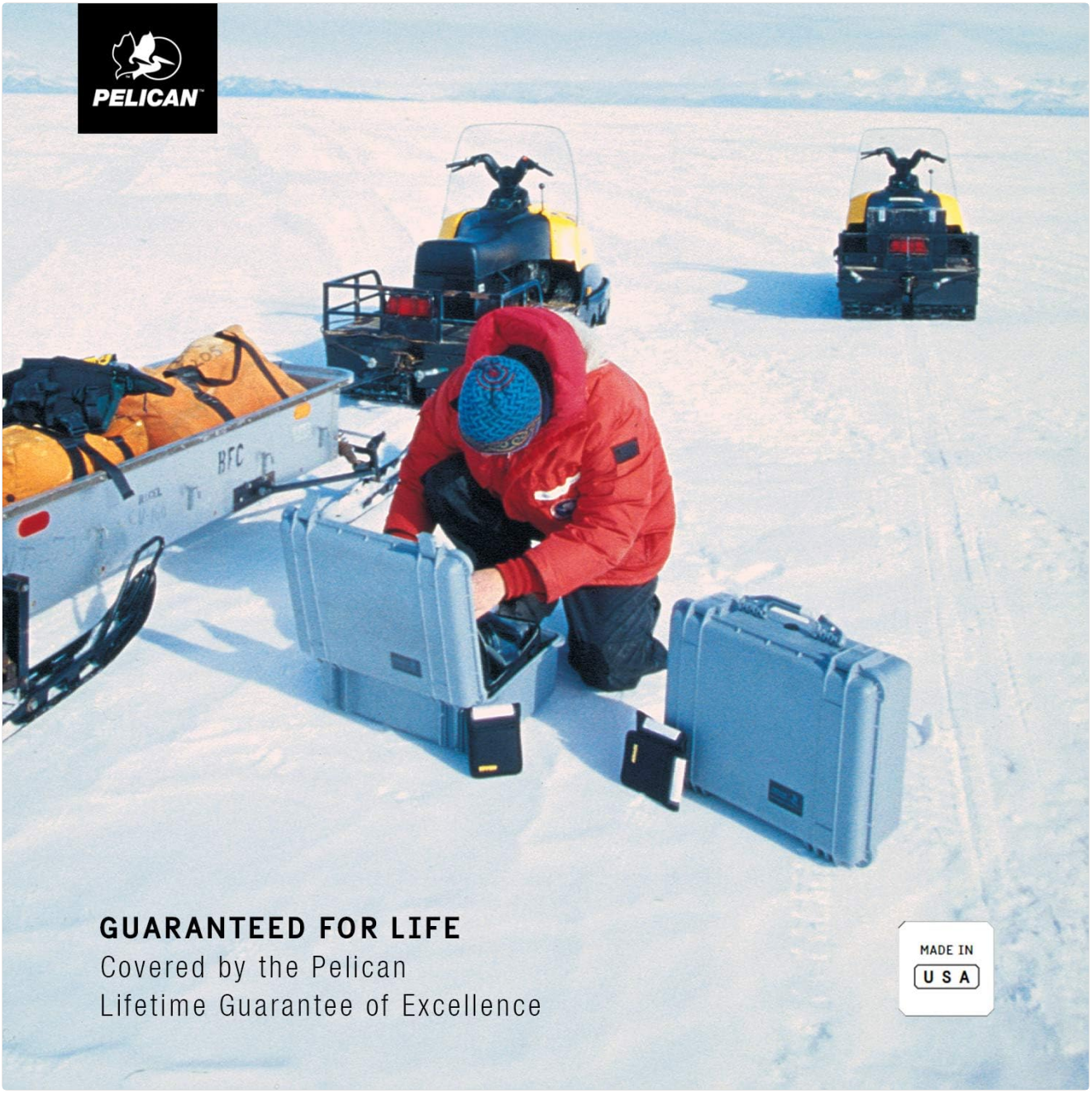


Image: Pelican cases are guaranteed for life, highlighting their enduring quality and reliability.

8.2. Customer Support

For any questions regarding product use, maintenance, or warranty claims, please refer to the official Pelican Products website or contact their customer service department. Detailed contact information and support resources are available through their official channels.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question