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PELI 1300-000-110E

PELI 1300 Shockproof Protective Case User Manual

Model: 1300-000-110E

1. Product Overview

The PELI 1300 Shockproof Protective Case is engineered to provide superior protection for sensitive equipment against harsh environments. It is designed to be virtually indestructible, offering waterproof, dustproof, and crushproof capabilities. This case is ideal for safeguarding cameras, electronics, and other valuable items during transport or storage.



Image 1.1: The PELI 1300 Protective Case, closed and ready for transport.

Key Features:

- **Robust Construction:** Features an open cell structure with solid wall design, providing a strong yet lightweight transport solution.
- **Extreme Durability:** Waterproof, shockproof, and dustproof with IP67, Def Stan 81-41, and STANAG 4280 certifications.
- **Secure Closure:** Equipped with easy-to-open two-stage latches and an O-ring seal for a watertight closure.
- **Automatic Pressure Equalization Valve:** Balances interior pressure, keeping water and dust out.
- **Temperature Resilience:** Operates effectively in temperatures ranging from -40 °C to 99 °C.
- **Stackable Design:** Allows for efficient storage and transport of multiple cases.

2. Components Included

Your PELI 1300 Protective Case package includes the following:

- PELI 1300 Protective Case (blackone)
- Customizable Foam Insert (Pick N Pluck foam)

3. Setup: Customizing the Foam Insert

The PELI 1300 case comes with a customizable foam insert, often referred to as 'Pick N Pluck' foam, allowing you to create custom compartments for your gear. This ensures a snug and secure fit, preventing movement and damage.



Image 3.1: An open PELI 1300 case showcasing the customizable foam insert with equipment securely placed.

Steps for Foam Customization:

1. **Plan Your Layout:** Arrange the items you wish to store on top of the foam insert to determine the optimal layout. Consider the shape and size of each item, ensuring adequate spacing between them.
2. **Outline the Items:** Using a marker or chalk, lightly trace the outline of each item onto the foam.
3. **Pluck the Foam:** The foam is pre-scored into small cubes. Carefully pluck out the foam cubes within your outlined areas to create cavities for your equipment. Start with a shallow depth and gradually remove more layers until the desired depth is achieved for each item.
4. **Test Fit:** Place your equipment into the newly created cavities to ensure a snug fit. Adjust by removing more foam if necessary.
5. **Secure the Lid Foam:** The lid typically has a convoluted (egg-crate) foam layer. Ensure it presses gently against your equipment when the case is closed, providing additional cushioning and preventing movement.

4. Operating Instructions

Opening and Closing the Latches:

- **To Open:** Lift the lower part of the two-stage latch outwards and then pull the entire latch upwards to release it from the case body. Repeat for all latches.
- **To Close:** Align the lid with the base. Press each latch down firmly until it clicks securely into place. Ensure all latches are fully engaged to maintain the case's protective seal.

Automatic Pressure Equalization Valve:

The PELI 1300 case features an automatic pressure equalization valve. This valve allows air pressure to equalize between the interior of the case and the outside environment, preventing vacuum lock when traveling to different altitudes or temperatures, while simultaneously preventing water and dust ingress. No manual operation is required for this valve; it functions automatically.

5. Maintenance

Proper maintenance will ensure the longevity and continued protective performance of your PELI 1300 case.

Cleaning:

- Clean the exterior of the case with mild soap and water. Avoid harsh chemicals or abrasive cleaners, which can damage the case material.
- For the foam insert, vacuum or gently shake out any debris. If heavily soiled, the foam can be hand-washed with mild soap and water, then air-dried completely before reinserting.

O-Ring Seal Inspection:

- Periodically inspect the O-ring seal located in the lid channel for any signs of damage, cracks, or debris.
- Clean the O-ring and its channel with a soft cloth. If necessary, apply a thin coat of silicone grease (not petroleum-based products) to the O-ring to maintain its flexibility and sealing properties.
- Replace the O-ring if it shows any signs of wear or damage to ensure continued waterproof performance.

Storage:

Store the case in a cool, dry place away from direct sunlight when not in use. Avoid prolonged exposure to extreme temperatures outside its operating range.

6. Troubleshooting

Difficulty Opening/Closing Latches:

- **Cause:** Debris in the latch mechanism, or pressure differential.
- **Solution:** Clean the latches and hinge areas. Ensure the automatic pressure equalization valve is clear of obstructions. If the case has been exposed to significant altitude or temperature changes, allow time for the pressure to equalize.

Water or Dust Ingress:

- **Cause:** Damaged or dirty O-ring seal, improperly closed latches, or damaged case body.
- **Solution:** Inspect the O-ring for damage or debris and clean it thoroughly. Ensure all latches are fully and securely closed. If the case body is cracked or severely damaged, its protective properties may be compromised.

7. Specifications

Attribute	Value
Outer Dimensions (L x W x H)	27 x 24.5 x 17.5 cm
Inner Dimensions (L x W x H)	23.3 x 17.8 x 15.5 cm
Lid Depth	3 cm
Bottom Depth	12.5 cm
Internal Volume	6 Litres
Empty Weight	1.4 kg
Item Weight	1.7 kg
Material	Polypropylene (PP)
Water Resistance Level	Waterproof (IP67)
Certifications	IP67 / Def Stan 81-41 / STANAG 4280
Operating Temperature	-40 °C to 99 °C
Buoyancy Rate	5.6 kg
Model Year	2009

8. Warranty and Support



Image 8.1: PELI cases are built to last, backed by a lifetime guarantee.

Warranty Information:

The PELI 1300 Shockproof Protective Case is backed by PELI's legendary **Lifetime Guarantee**. This warranty covers defects in materials and workmanship for the lifetime of the product, where applicable by law. For specific details regarding the terms and conditions of the lifetime guarantee, please refer to the official PELI website or contact PELI customer service.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact PELI customer support through their official website. You can also visit the official PELI store on Amazon for more product information and support resources:

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