

Pelican 1120

Pelican 1120 Case with Foam Instruction Manual

INTRODUCTION

This manual provides instructions for the Pelican 1120 Protective Case with Foam. Designed for durability and protection, this case safeguards sensitive equipment from environmental elements.

The Pelican 1120 case features a robust construction, watertight seal, and customizable foam interior, making it suitable for various applications requiring secure storage and transport.

PRODUCT FEATURES

- **Copolymer Polypropylene Construction:** Built with an open cell core and solid wall construction for strength and lightness.
- **Double-Throw Latches:** Easy-to-open latches with stainless steel pins for secure closure.
- **Watertight Seal:** Achieved with a tongue and groove fit and a polymer O-ring.
- **Automatic Pressure Equalization Valve:** Releases built-up air pressure while preventing water entry, ensuring easy opening after pressure changes.
- **Reinforced Padlock Protectors:** Stainless steel reinforced areas for added security.
- **Customizable Pick N Pluck Foam:** Allows for precise shaping of the interior to fit specific items.



This image displays the Pelican 1120 Protective Case in Desert Tan, viewed from an angle. The case is closed, showcasing its robust construction, two secure latches, and the automatic pressure equalization valve on the front.

SETUP: CUSTOMIZING THE FOAM INTERIOR

The Pelican 1120 case includes Pick N Pluck foam for custom interior organization. This foam consists of pre-scored cubes that can be removed to create a snug fit for your equipment.

1. **Plan Your Layout:** Arrange your items on top of the foam to determine the optimal placement. Ensure adequate spacing between items and from the case walls.
2. **Trace the Outline:** Using a marker or chalk, carefully trace the outline of each item onto the foam.
3. **Remove Foam Cubes:** Gently pull or cut out the foam cubes along your traced lines. Start with smaller sections and expand as needed to achieve a precise fit.
4. **Test Fit:** Place your equipment into the customized foam to ensure a secure and protective fit. Adjust by removing more foam if necessary.



The Pelican 1120 Protective Case is shown open, revealing the pre-scored Pick N Pluck foam layers within. This foam allows users to customize the interior to fit specific items securely.



An example of a Pelican 1120 case interior, demonstrating how the customizable foam can be shaped to securely hold various items such as a compact camera, rolls of film, and a small flashlight. This illustrates the protective capabilities of the foam.

OPERATING THE CASE

Opening and Closing

To open the case, lift the two Double-Throw latches. To close, align the lid and press down firmly on the latches until they click into place, ensuring a secure seal.

Watertight Seal

The case is designed with a tongue and groove fit and a polymer O-ring to create a watertight seal. Ensure the O-ring is clean and free of debris for optimal performance.

Automatic Pressure Equalization Valve

The automatic pressure equalization valve allows air pressure to equalize between the case interior and exterior, preventing vacuum lock and making the case easier to open, especially after changes in altitude or temperature. This valve is maintenance-free and designed to keep water out.



A detailed close-up of the automatic pressure equalization valve, a key feature of Pelican cases. This valve automatically adjusts internal air pressure to prevent vacuum lock, making the case easier to open while maintaining its watertight integrity.

MAINTENANCE

- **Cleaning:** Clean the exterior of the case with mild soap and water. For the interior, vacuum or wipe down the foam as needed.
- **O-Ring Care:** Periodically inspect the O-ring for cracks, tears, or debris. Clean it with a soft cloth and apply a thin layer of silicone grease (not petroleum-based) to maintain its flexibility and sealing properties. Replace the O-ring if it shows signs of damage.
- **Storage:** Store the case in a cool, dry place away from direct sunlight when not in use.

TROUBLESHOOTING

Difficulty Opening the Case

If the case is difficult to open, especially after changes in altitude or temperature, the automatic pressure equalization valve may be working to balance internal pressure. Allow a few moments for the pressure to equalize. Ensure the latches are fully disengaged.






If water or dust enters the case, inspect the O-ring for damage or debris. Ensure the O-ring is properly seated in its groove and that the latches are fully closed and secured.

Feature	Detail
Model Number	1120-000-190
Exterior Dimensions (L x W x H)	8.41 x 6.76 x 3.87 inches
Interior Dimensions (L x W x H)	7.29 x 4.78 x 3.33 inches (approximate, due to foam)
Weight (with foam)	1.43 pounds
Material	Copolymer Polypropylene
Color	Desert Tan
Watertight	Yes
Crushproof	Yes
Dustproof	Yes

Pelican Products offers a **Lifetime Guarantee of Excellence** for the 1120 case. This guarantee covers defects in materials and workmanship for the lifetime of the product.

Related Documents - 1120

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 <p>Model: TC4 Commercial Connected Thermostat with Humidity and CO2</p> <p>Before you start</p> <p>Read all instructions before starting to avoid damaging or creating any dangerous situations. The thermostat is designed to be installed by a qualified professional.</p> <p>This thermostat is designed to be installed by a licensed professional.</p> <p>A Pelican Gateway must be connected to the thermostat. The thermostat cannot be installed or changed without a gateway. The thermostat is using the gateway for the following functions:</p> <p>Installation Location</p> <p>NEVER INSTALL IN AN ENCLOSED METAL BOX OR ON A METAL SURFACE.</p> <p>Install in a location where it can receive radio signals from the Pelican wireless touch controls.</p> <p>Install at least 10" from the floor or the room where it will be installed.</p> <p>Install on an interior wall away from doors, fumes, vapors, electrical equipment, or other heat sources.</p> <p>Do not install in a metal box or inside a metal enclosure.</p>	<p>Pelican TC4 Commercial Connected Thermostat Installation Guide</p> <p>Installation guide for the Pelican TC4 Commercial Connected Thermostat with Humidity and CO2, covering setup, wiring, and troubleshooting for commercial HVAC systems.</p>
 <p>9490 RALS</p>	<p>Pelican 9490 RALS User Manual: Operation, Safety, and Specifications</p> <p>Comprehensive user manual for the Pelican 9490 Remote Area Lighting System (RALS). Covers mast operation, light modes, power pack management, battery safety, charging procedures, temperature specifications, and the 1-year limited warranty.</p>
 <p>PelicanWirelessSystems</p> <p>User Guide</p>	<p>Pelican Wireless Systems User Guide: Setup, Configuration, and Operation</p> <p>Comprehensive user guide for Pelican Wireless Systems thermostats and control modules, covering setup, configuration, scheduling, vacation modes, and troubleshooting for models like TS200, RT1-AC, TA1, PRX1, and PM5-230.</p>
 <p>Model: TC2 Commercial Connected Thermostat</p> <p>Before you start</p> <p>Read all instructions before starting to avoid damaging or creating any dangerous situations. The thermostat is designed to be installed by a qualified professional.</p> <p>This thermostat is designed to be installed by a licensed professional.</p> <p>A Pelican Gateway must be connected to the thermostat. The thermostat cannot be installed or changed without a gateway. The thermostat is using the gateway for the following functions:</p> <p>Installation Location</p> <p>NEVER INSTALL IN AN ENCLOSED METAL BOX OR ON A METAL SURFACE.</p> <p>Install in a location where it can receive radio signals from the Pelican wireless touch controls.</p> <p>Install at least 10" from the floor or the room where it will be installed.</p> <p>Install on an interior wall away from doors, fumes, vapors, electrical equipment, or other heat sources.</p> <p>Do not install in a metal box or inside a metal enclosure.</p>	<p>Pelican TC2 Commercial Connected Thermostat Installation Guide</p> <p>Installation guide for the Pelican TC2 Commercial Connected Thermostat with Humidity, covering setup, wiring, and troubleshooting.</p>
 <p>PEDAL BOAT EMBARCATION À PÉDALES</p> <p>OWNER'S MANUAL / ENSEMBLE P2 MANUEL DE L'UTILISATEUR / FRANÇAIS P12</p>	<p>Pelican Pedal Boat Owner's Manual</p> <p>This owner's manual provides comprehensive information for the Pelican Pedal Boat, including setup, safety precautions, maintenance, storage, and warranty details. It covers key features like the canopy, cooler, and adjustable seats, ensuring a safe and enjoyable experience on the water.</p>