

Pelican 1637

Pelican Air 1637 Protective Case with Foam User Manual

Model: 1637 (016370-0000-110)

INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Pelican Air 1637 Protective Case with Foam. Designed for superior protection, this case is up to 40% lighter than other polymer cases while maintaining Pelican's renowned durability. Please read these instructions carefully to ensure optimal performance and longevity of your product.



Image Description: A black Pelican Air 1637 protective case shown from an angled top-front view. The case is closed, featuring robust latches, a front handle, and wheels visible on the bottom. The "PELICAN AIR" branding is visible on the top surface.

PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- Pelican Air 1637 Case
- Pre-scored Pick N Pluck Foam Set (installed)

KEY FEATURES

- **Lightweight Design:** Up to 40% lighter than traditional polymer cases.
- **Crushproof Construction:** Engineered to withstand extreme pressure.
- **Dustproof Seal:** Protects contents from fine particles.
- **Watertight O-Ring Gasket:** Ensures a secure, waterproof seal.
- **Automatic Purge Valve:** Balances air pressure inside the case, preventing vacuum lock.
- **Pick N Pluck Foam:** Customizable shock-absorbent foam for secure equipment fit.
- **Retractable Handle and Wheels:** For easy transport.

SETUP: CUSTOMIZING THE FOAM INTERIOR

The Pelican Air 1637 case includes a Pick N Pluck foam set, allowing you to create a custom-fit interior for your equipment.

1. **Plan Your Layout:** Arrange your items on top of the foam to determine the best configuration. Ensure adequate spacing between items and from the case walls for maximum protection.
2. **Pluck the Foam:** The foam is pre-scored into small cubes. Carefully pluck out the foam cubes to match the outline of your equipment. For a cleaner cut, you may use a sharp utility knife.
3. **Test Fit:** Place your equipment into the customized foam cutouts to ensure a snug fit. Adjust as necessary.
4. **Lid Foam:** The lid typically contains convoluted (egg-crate) foam to provide pressure on the items when the case is closed, holding them securely in place.



Image Description: A black Pelican Air 1637 protective case shown open, revealing the pre-scored Pick N Pluck foam in the base and convoluted (egg-crate) foam in the lid. The interior is ready for customization.

OPERATING INSTRUCTIONS

Latches

To open the case, lift the latches upwards until they disengage from the lower part of the case. 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 for a watertight and dustproof seal.

Retractable Handle and Wheels

The case is equipped with a retractable extension handle and durable wheels for easy transport.

- **Extending the Handle:** Press the button located on the top of the handle and pull upwards until it locks into the desired extended position.
- **Retracting the Handle:** Press the button again and push the handle downwards until it fully retracts into the case body.
- **Using the Wheels:** Tilt the case and pull it using the extended handle. The wheels are designed for smooth rolling on various surfaces.





Image Description: A black Pelican Air 1637 case standing upright with its retractable handle fully extended, ready for transport.





Image Description: A side view of the black Pelican Air 1637 case, showing the extended retractable handle and the integrated wheels at the base.

Automatic Purge Valve

The case features an automatic purge valve that equalizes air pressure inside the case with the outside atmospheric pressure. This prevents vacuum lock, making the case easy to open after changes in altitude or temperature, while maintaining its watertight integrity. No manual operation is required for the purge valve.

MAINTENANCE

- **Cleaning:** Clean the exterior of the case with mild soap and water. For stubborn dirt, a soft brush can be used. Rinse thoroughly and dry completely.

- **O-Ring Inspection:** Periodically inspect the O-ring gasket in the lid for any signs of damage, cracks, 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 foam inserts can be gently vacuumed to remove dust and debris. Avoid harsh chemicals that may degrade the foam material.
- **Latch and Hinge Check:** Ensure latches and hinges operate smoothly and are free from obstruction. Lubricate with a silicone-based spray if needed.

TROUBLESHOOTING

- **Case is difficult to open:** This may occur after significant changes in altitude or temperature due to pressure differences. The automatic purge valve should equalize pressure, but if it's stuck, ensure it's clear of debris. Wait a few moments for pressure to equalize.
- **Water or dust ingress:** Check the O-ring gasket for proper seating, cleanliness, and damage. Ensure all latches are fully closed and secured.
- **Latches are stiff:** Clean any dirt or debris from the latch mechanism. A small amount of silicone lubricant can improve operation.

SPECIFICATIONS

Attribute	Detail
Model Number	016370-0000-110
Interior Dimensions (LWD)	23.43 x 17.55 x 13.25 inches
Exterior Dimensions (LWD)	26.61 x 20.65 x 14.87 inches
Item Weight	19.4 pounds
Color	Black
Shell Type	Hard
Manufacturer	Pelican Products CE










Image Description: A black Pelican Air 1637 case shown upright with its exterior dimensions (length, width, height) clearly labeled in inches.

WARRANTY AND SUPPORT

The Pelican Air 1637 Case is backed by Pelican's legendary **Lifetime Warranty**. This warranty guarantees the case against breakage or defects in workmanship for the life of the product. For detailed warranty information or to contact customer support, please visit the official Pelican website or refer to the warranty card included with your purchase. You can also visit the [Pelican Store on Amazon](#) for more information and products.



Related Documents - 1637

 <p>Model: TA1 Temperature and Alarm Sensor Installation Guide</p> <p>Before you start: Read instructions. Review all steps in the guide and notes. System Requirements: The TA1 is for 24VAC systems only and must be installed by a licensed professional. Preparation: Clean the wall and prepare a hole for the sensor. Wiring: Connect the sensor to the system's control panel. Safety: Consideration: Do not install the sensor in a location where it could be damaged by water or other environmental factors.</p>	<p>Pelican TA1 Temperature and Alarm Sensor: Installation Guide & Specifications</p> <p>Comprehensive installation guide for the Pelican TA1 Temperature and Alarm Sensor accessory. Learn about its features, compatible devices, wiring, mounting, and input configurations for HVAC and building automation systems.</p>
 <p>Model: TC4 Commercial Connected Thermostat with Humidity and CO2 Installation Guide</p> <p>Before you start: Review all instructions in detail and follow the wiring diagram for the TC4 system only. System Requirements: The thermostat is designed for 24VAC systems only. Installation Location: A Pelican Gateway must be used with this thermostat. The thermostat cannot be installed in a location where it is exposed to direct sunlight or other heat sources.</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>PelicanWirelessSystems User Guide</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>Model: TC2 Commercial Connected Thermostat with Humidity Installation Guide</p> <p>Before you start: Review all instructions in detail and follow the wiring diagram for the TC2 system only. System Requirements: The thermostat is designed for 24VAC systems only. Installation Location: A Pelican Gateway must be used with this thermostat. The thermostat cannot be installed in a location where it is exposed to direct sunlight or other heat sources.</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>Pelican PEDAL BOAT EMBARCATION À PÉDALES OWNER'S MANUAL MANUEL DE L'UTILISATEUR</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>

