

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [LANCHEZ](#) /

› [LANCHEZ Cordless Handheld Pool Vacuum PCT403T-L2 Instruction Manual](#)

## LANCHEZ PCT403T-L2

# LANCHEZ Cordless Handheld Pool Vacuum PCT403T-L2 Instruction Manual

Model: PCT403T-L2 Standard Edition

## 1. IMPORTANT SAFETY INFORMATION

---

Please read all instructions carefully before using the LANCHEZ Cordless Handheld Pool Vacuum. Retain this manual for future reference.

- **Water Submersion:** The pool vacuum cleaner must be completely submerged in water for proper operation. It will only begin to vacuum after the air is expelled. For shallow water, submerge the unit horizontally until it is full of water.
- **Automatic Shut-off:** If the unit is left idle for more than 1 minute after powering on without being submerged in the pool, it will automatically shut down to prevent damage.
- **Charging:** Always charge the unit immediately after use. Ensure the charging port is completely dry before connecting the charger.
- **Waterproofing:** The unit features IPX8 waterproofing for durability.
- **Debris Type:** This vacuum is designed to pick up acorns, twigs, leaves, dirt, and sand. It is **not** intended for cleaning algae.

## 2. PRODUCT COMPONENTS

---

The LANCHEZ Cordless Handheld Pool Vacuum PCT403T-L2 package includes the following items:

- Pool Vacuum Unit x 1
- 1.5A Charger (4.9 ft cable) x 1
- Telescopic Pole (three-part) x 1
- Short Handle x 1
- Filter Bag (180M for heavy dirt, small leaves, twigs) x 2
- Filter Bag (500M for small insects, sand) x 2
- Technical Manual x 1 (this document)



Image 2.1: Overview of the LANCHEZ Cordless Handheld Pool Vacuum and its components, including the main unit, two types of filter bags, and the telescopic pole.

## Quick Use System

- 1-** Quick-release lever for easy Cleaning
- 2-** Quick Drain Release Clean Water upon lifting



Image 2.2: Visual representation of the packing list, detailing each included item.

## 3. SETUP INSTRUCTIONS

Assembly of the LANCHEZ Pool Vacuum is designed to be quick and straightforward, typically taking around 30 seconds to 3 minutes.

- 1. Attach Handle/Pole:** Choose between the short handle for handheld use or the three-part telescopic pole for extended reach. Securely attach the chosen handle or pole to the main vacuum unit.
- 2. Install Filter Bag:** Select the appropriate filter bag (180M for coarse debris or 500M for fine sand/small insects) and install it into the vacuum's filter system. Ensure it is properly seated.
- 3. Attach Brush Head:** Secure the desired brush head (triangular or nose cone) to the bottom of the vacuum unit.

## Longer Battery Life

 **1.5 hours** Charging time

 **60 Mins** maximum run time

DRY THE CHARGING PORT BEFORE CHARGING



Image 3.1: Illustration showing the assembly of the three-section telescopic pole with the vacuum unit.

# CONVINCING EXTRAS

Choose one of the two filters provided and clean your pool according to your personal wishes and circumstances

## CONTAIN.4 REPLACEABLE FILTERS



THE FILTER IS  
SUITABLE FOR  
THE FOLLOWING  
SITUATIONS

1

**180Mesh NET:**  
HEAVY DIRT,  
SMALL LEAVES  
AND TWIGS

2

**500Mesh NET:**  
SMALL INSECTS  
AND SAND (NOT  
WATER ALGAE)



**CORDLESS  
DESIGN**



**CAN BE WASHED  
REPEATEDLY**

Image 3.2: Depiction of the two specialized filter nets (180Mesh for heavy dirt, 500Mesh for small insects and sand) included with the vacuum.

## 4. OPERATING INSTRUCTIONS

Follow these steps for effective cleaning of your pool, hot tub, or spa.

1. **Power On:** Press the power button on the unit to turn it on.
2. **Submerge:** Carefully submerge the entire vacuum unit into the water. For shallow water, submerge it horizontally to allow air to escape and the unit to fill with water. The vacuum will begin suction once fully submerged and air is expelled.
3. **Cleaning:**
  - Use the triangular brush head for general cleaning of pool floors and larger areas.
  - Utilize the nose cone head for precise cleaning of corners, steps, and tight spots.
  - Move the vacuum slowly across surfaces to allow for optimal debris collection.
4. **Power Off:** Once cleaning is complete, remove the vacuum from the water and press the power button to turn it off.



Image 4.1: Demonstrates the correct method of submerging the pool vacuum into water to initiate operation.



Image 4.2: Shows the effectiveness of the dual cleaning heads for both corners and flat pool surfaces.

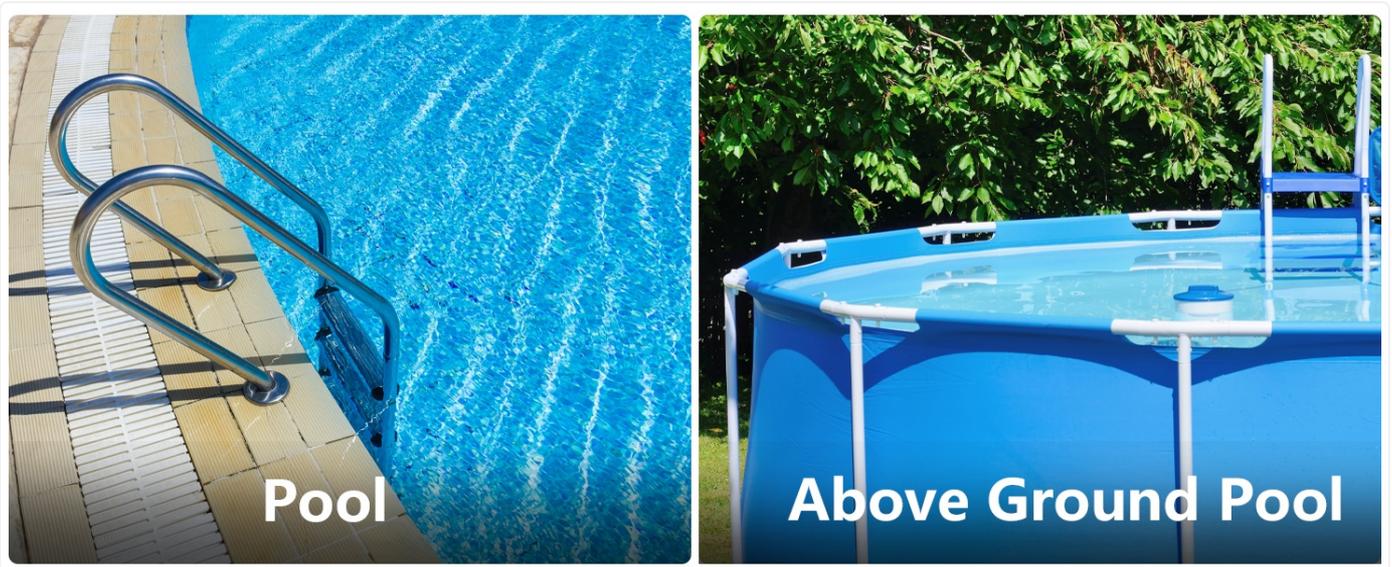


Image 4.3: Illustrates the direct flow technology, highlighting the 18 GPM suction power and 0.53 gallon debris capacity.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your pool vacuum.

- **Filter Cleaning:** The removable filter system (two specialized nets) can be cleaned in approximately 2 minutes. Rinse the filter bags thoroughly with water after each use. They are reusable.
- **Charging:** Always charge the vacuum immediately after use to maintain battery health. The charging time is approximately 1.5 hours for a full charge, providing up to 60 minutes of runtime.
- **Charging Port:** Ensure the charging port is completely dry before connecting the charger to prevent electrical hazards and damage.
- **Storage:** Store the vacuum in a cool, dry place when not in use.



Image 5.1: Shows the quick-release lever for easy disassembly and cleaning of the filter system.

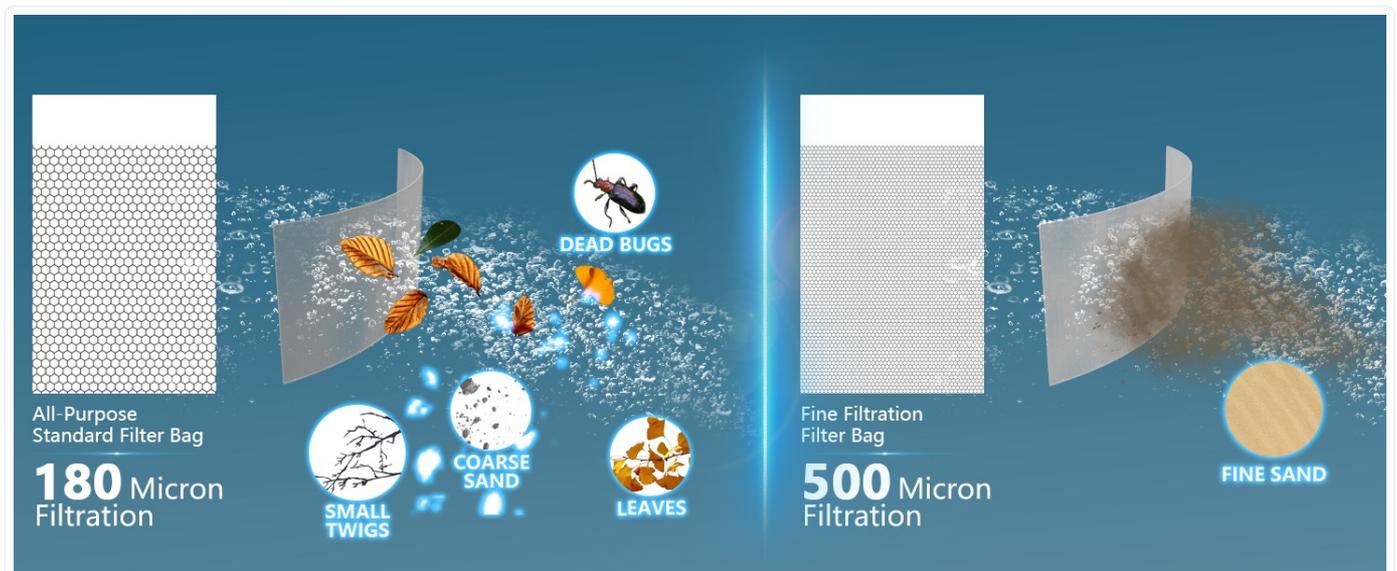


Image 5.2: Details the charging process and battery performance, including 1.5 hours charging time and 60 minutes maximum run time.

## 6. TROUBLESHOOTING

If you encounter issues with your LANCHEZ Pool Vacuum, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Vacuum does not turn on or stops working shortly after starting.	Battery is low or depleted. Unit not fully submerged or air trapped. Automatic shut-off activated (idle for >1 min out of water).	Charge the battery fully (1.5 hours). Ensure the unit is fully submerged and air is expelled before operation. Restart the unit after ensuring it is properly submerged.
Reduced suction power.	Filter bag is clogged with debris. Battery is running low.	Clean the filter bag thoroughly. Recharge the battery.
Unit does not pick up fine sand.	Incorrect filter bag used.	Ensure the 500M (fine filtration) filter bag is installed for fine sand and small insects.

If problems persist, please contact customer support.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	PCT403T-L2
Brand	LANCHEZ
Special Features	Cordless, Lightweight, Long-lasting, Water-Resistant (IPX8)
Suction Capacity	18 GPM (Gallons Per Minute)
Debris Chamber Capacity	1.8 Liters (approx. 0.48 Gallons)
Battery Type	Lithium-Ion (5 cells, 5x2000mAh)
Battery Voltage	18 Volts (DC)
Battery Energy Content	2000 Watt Hours
Runtime	Up to 60 minutes
Charging Time	1.5 hours
Control Method	Touch (Push-button operation)
Product Dimensions	11 x 34 x 7.6 inches
Item Weight	7.2 pounds
Material	Plastic
Power Source	Battery Powered

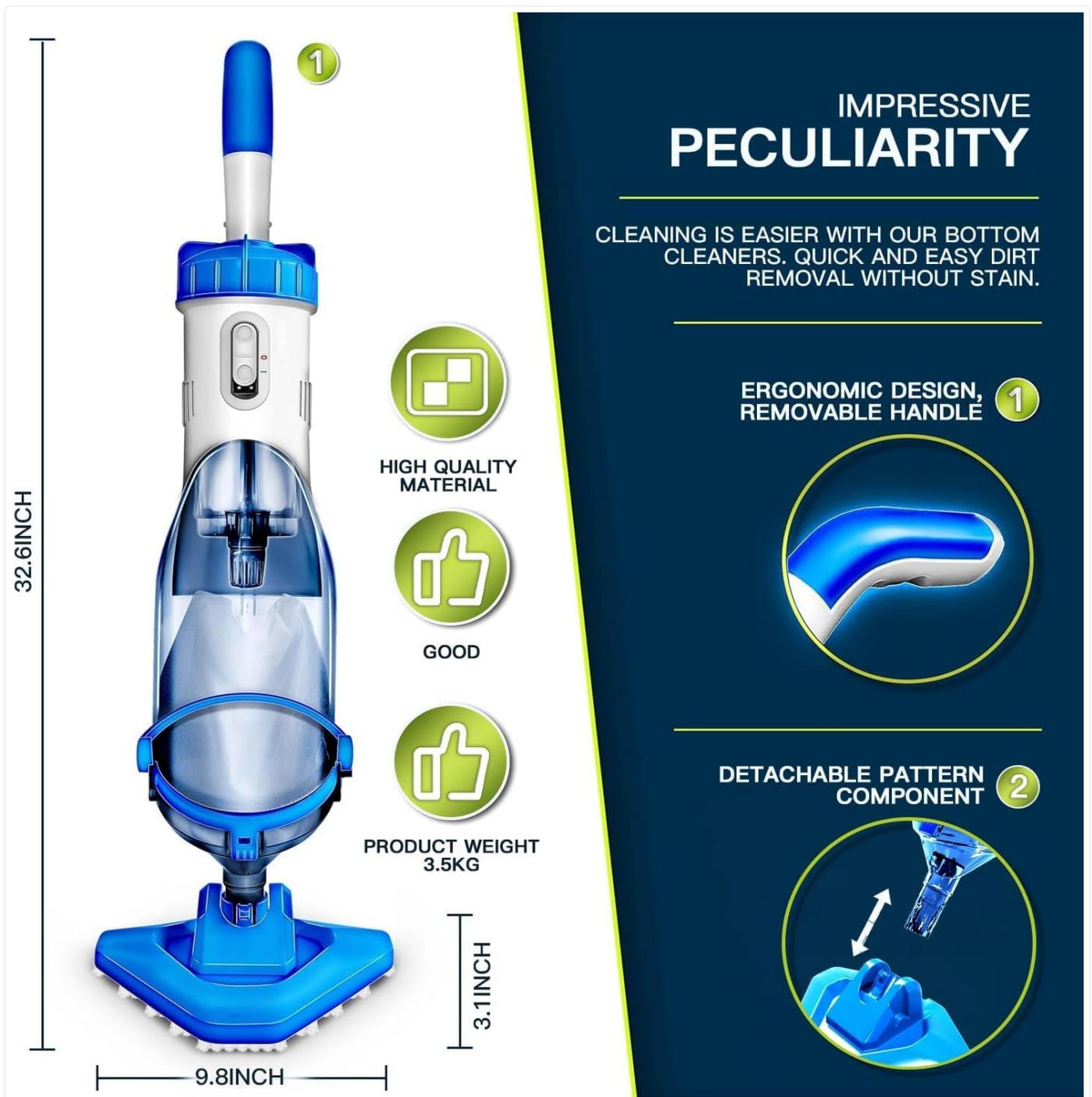


Image 7.1: Detailed dimensions of the pool vacuum and features like ergonomic handle design.

## 8. WARRANTY AND SUPPORT

The LANCHEZ Cordless Handheld Pool Vacuum PCT403T-L2 comes with a **3-year after-sales service warranty**.

For warranty claims, technical assistance, or any questions regarding your product, please contact LANCHEZ customer support through the retailer where the product was purchased or visit the official LANCHEZ brand store online.

**Online Brand Store:** [LANCHEZ Store on Amazon](#)



**Related Documents - PCT403T-L2**

TROUBLESHOOTING		
Problem	Possible causes	Suggested Solutions
Motor will not start	1. Plug is not connected. 2. Power switch is not turned on. 3. Fuse is blown. 4. Motor is not properly grounded. 5. Motor is not properly connected to power source. 6. Motor is not properly connected to power source.	1. Check plug connection. 2. Check power switch. 3. Check fuse. 4. Check ground connection. 5. Check power source connection. 6. Check power source connection.
Motor runs, but no water is delivered	1. Water supply is not turned on. 2. Water supply is not connected to pump. 3. Water supply is not connected to pump. 4. Water supply is not connected to pump. 5. Water supply is not connected to pump.	1. Turn water supply on. 2. Check water supply connection. 3. Check water supply connection. 4. Check water supply connection. 5. Check water supply connection.
Motor runs, but water delivery is slow	1. Water supply is not connected to pump. 2. Water supply is not connected to pump. 3. Water supply is not connected to pump. 4. Water supply is not connected to pump.	1. Check water supply connection. 2. Check water supply connection. 3. Check water supply connection. 4. Check water supply connection.
Motor runs, but water delivery is noisy	1. Water supply is not connected to pump. 2. Water supply is not connected to pump. 3. Water supply is not connected to pump. 4. Water supply is not connected to pump.	1. Check water supply connection. 2. Check water supply connection. 3. Check water supply connection. 4. Check water supply connection.

### [Troubleshooting Guide for Water Pumps](#)

A comprehensive troubleshooting guide to identify and resolve common issues with water pumps, including problems with motor operation, water delivery, and capacity.



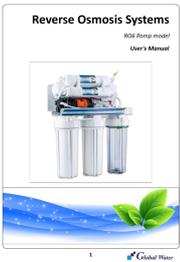
### [Lixel L2 PRO User Manual - XGRIDS 3D Scanner](#)

Comprehensive user manual for the XGRIDS Lixel L2 PRO handheld 3D reconstruction device. Learn about operation, installation, battery management, maintenance, and technical specifications for accurate 3D scanning.



### [Wireless-Tek Superic Industrial Switches Quick Installation Guide](#)

Quick installation guide for Wireless-Tek's Superic L2 and L3 managed industrial network switches, covering appearance, packing, installation, and management.



### [Global Water RO6 Pump Model Reverse Osmosis System User's Manual](#)

Comprehensive user's manual for the Global Water RO6 Pump model reverse osmosis system, covering installation, operation, safety guidelines, technical specifications, and maintenance for pure water.



### [Pylontech Force-L2: 48V DC Lithium-Ion Phosphate Energy Storage System Operation Manual](#)

This operation manual provides comprehensive guidance for the Pylontech Force-L2, a robust 48V DC Lithium-Ion Phosphate Battery storage system. It is designed to offer reliable power solutions for diverse applications, emphasizing safety, efficiency, and longevity.



### [Yaber L2s Projector Quick Start Guide](#)

Get started quickly with your Yaber L2s projector. This guide provides essential setup instructions, product overview, and connectivity options like screen mirroring and Bluetooth.