



[Manuals.plus](#) /

› [AIRBANK](#) /

› AIRBANK Mini Paddle Board Pump Pulse Pro User Manual

## AIRBANK Pulse Pro

# AIRBANK Mini Paddle Board Pump Pulse Pro User Manual

Model: Pulse Pro | Brand: AIRBANK

## INTRODUCTION

The AIRBANK Pulse Pro electric air pump is a compact, rechargeable, and powerful device designed for fast inflation and deflation of various inflatables. Its brushless motor ensures efficient performance and a long lifespan. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your AIRBANK Pulse Pro pump.



Figure 1: The AIRBANK Pulse Pro pump, highlighting its compact design.

## KEY FEATURES

- **Ultra Mini & Lightweight Design:** Weighing only 900g (2 lbs) and measuring 14.3 cm x 13.7 cm x 6.75 cm (5.6 in x 5.4 in x 2.7 in), this pump is highly portable.
- **Innovative Brushless Motor:** Equipped with an 8000r/min high-speed brushless motor for fast and stable inflation, offering longer life and more efficient performance.
- **Powerful Battery:** Features a 4500mAh battery, providing convenience for various outdoor activities.
- **Auto-off Deflation Function:** Automatically stops deflation, eliminating the need for manual intervention and preventing over-working the pump.
- **Wide Application:** Suitable for inflating stand-up paddleboards, kayaks, boats, tents, mattresses, kite wings, and other inflatables.

# Palm-size SUP Pump

Weight  
**900g**



Figure 2: Compact dimensions of the Pulse Pro pump.

# Innovative Application of Brushless Motor

Long-lasting use  
**80000**  
r/min



Figure 3: Illustration of the innovative brushless motor technology.

## WHAT'S INCLUDED

Your AIRBANK Pulse Pro package includes the following components:

- AIRBANK Pulse Pro Air Pump
- Various Air Nozzles
- Air Hose
- User Manual
- Type-C Charging Cable
- Waterproof Bag



Figure 4: All items included in the product package.

## SETUP

### Charging the Pump

Before first use, fully charge the pump using the provided Type-C charging cable. Connect the cable to the pump's charging port and a suitable USB power source. The battery indicator on the display will show charging progress.

### Attaching the Air Hose and Nozzle

1. Connect the hose connector (A) to the inflation port on the pump by twisting it securely.
2. Select the appropriate air nozzle for your inflatable.
3. Connect the air nozzle to hose connector (B) by twisting it securely.



Figure 5: Step-by-step guide for installing the air hose and nozzle.

Ensure all connections are tight to prevent air leakage during operation.

## OPERATING INSTRUCTIONS

### Inflation

1. Connect the assembled hose and nozzle to the valve of your inflatable.

2. Press and hold the power button for a few seconds to turn on the pump. The digital display will illuminate.
3. Use the '+' and '-' buttons to set your desired pressure (PSI). The pump supports up to 20 PSI.
4. Press the power button again briefly to start inflation. The pump will operate in two stages: a high-volume stage (450L/min) followed by a high-pressure stage (70L/min).
5. The pump will automatically shut off once the preset pressure is reached.



Figure 6: Dual-stage inflation process for efficient pumping.

## LED Display & Unique Operation



Figure 7: LED display indicating inflation stages and real-time pressure.

### Deflation

1. To deflate, connect the air hose to the deflation port on the pump (usually marked with a 'V' or 'Out').
2. Connect the other end of the hose to the inflatable's valve.
3. Press the power button to start deflation. The pump will automatically stop once deflation is complete.

# Auto-off Deflation & Easily Packing



Automatically stop in deflation and inflation.  
Hands free and time-saving on packing up your  
paddle board.

Figure 8: Automatic deflation feature for easy packing.

## MAINTENANCE

- **Cleaning:** Wipe the pump exterior with a soft, dry cloth. Do not immerse the pump in water or expose it to excessive moisture.
- **Storage:** Store the pump in a cool, dry place. Use the provided waterproof bag to protect it from water and sand ingress when not in use.
- **Battery Care:** Charge the pump at least once every 3 months to maintain battery health, especially during long periods of non-use.
- **Cooling:** The internal cooling fan may continue to operate for a short period after power-off to reduce internal temperature, which is normal.



# Waterproof Bag for Storage

Reduce the chance of water or sand ingress

Figure 9: Using the waterproof bag for storage and protection.



# Cooling Fan to Reduce Internal Temperature

The cooling fan may work after power-off to lower internal temperature

Figure 10: Internal cooling system for optimal performance.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery or not charged.	Charge the pump fully using the Type-C cable.
Slow inflation or low pressure.	Hose or nozzle not properly connected; air leakage.	Ensure all connections are tight and secure. Check for any damage to the hose or nozzles.
Pump stops unexpectedly during inflation.	Desired PSI reached (auto-shutoff); low battery.	Check the inflatable's firmness. If not firm enough, check battery level and recharge if necessary.
Pump is noisy.	Normal operation for high-pressure pumps.	This is typical for electric air pumps, especially during the high-pressure stage.

## SPECIFICATIONS

Attribute	Detail
-----------	--------

Attribute	Detail
Model Name	Pulse Pro
Brand	AIRBANK
Color	Orange
Material	Plastic
Item Weight	900 Grams (2 lbs)
Item Dimensions (LxWxH)	5.39 x 2.66 x 5.63 inches (13.7 x 6.75 x 14.3 cm)
Power Source	Battery Powered (4500mAh)
Max Pressure	20 PSI
Inflation Speed (Stage 1)	450 L/min
Inflation Speed (Stage 2)	70 L/min
Included Components	Air pump, nozzles, cable, air hose, manual, waterproof bag
Date First Available	January 7, 2025

## WARRANTY AND CUSTOMER SUPPORT

The AIRBANK Pulse Pro pump comes with a **2-year manufacturer warranty**. As a customer-focused manufacturer, AIRBANK's professional technical support team is available to assist you.

For any inquiries or support needs, please refer to the contact information provided in your product packaging or visit the official AIRBANK website.

We are committed to providing 7/24 support and ensuring your satisfaction with our products.