

FLEXTAILGEAR TY2X

FLEXTAILGEAR Tiny Pump 2X Instruction Manual

Model: TY2X

1. INTRODUCTION

Thank you for choosing the FLEXTAILGEAR Tiny Pump 2X. This compact, portable, and rechargeable air pump is designed for both inflation and deflation of various inflatable products, and also features an integrated camping lantern. Its versatile design makes it an essential tool for outdoor activities and home use.

2. SAFETY INFORMATION

- Do not use the pump continuously for more than 15 minutes to prevent overheating.
- Keep out of reach of children.
- Do not block the air inlet or outlet during operation.
- Do not point the air outlet directly at eyes or body parts.
- This product is not suitable for inflating balloons, basketballs, or vehicle tires.
- Ensure the material can be magnetically attracted if using the magnetic feature for attachment.
- Do not open the pump while charging.

3. PACKAGE CONTENTS

- FLEXTAILGEAR Tiny Pump 2X (Orange, 1300mAh)
- USB Charging Cable (Type-C)
- 5 x Different Sized Nozzles
- Storage Pouch
- User Manual (this document)

4. PRODUCT OVERVIEW

The Tiny Pump 2X is a compact, cylindrical device with multiple functionalities. It features distinct ports for inflation

and deflation, a control button, and an integrated LED light at the base.



Figure 4.1: Tiny Pump 2X with labels for deflation port, inflation port, charging indicator, Type-C charging port, and push switch.

- **Deflation Port:** Located at the top, used for deflating items.
- **Inflation Port:** Located at the bottom, used for inflating items.
- **Push Switch:** Main control button for operating the pump and light.
- **Charging Port:** USB Type-C port for recharging the device.
- **Charging Indicator:** LED light indicating charging status.

- **Magnetic Design:** Built-in magnet for attaching to ferromagnetic surfaces.
- **Camping Lantern:** Integrated LED light at the base with multiple brightness levels.

5. CHARGING

Before first use, fully charge the Tiny Pump 2X. Use the provided USB Type-C cable to connect the pump to a compatible USB power source (e.g., wall adapter, power bank, computer USB port).

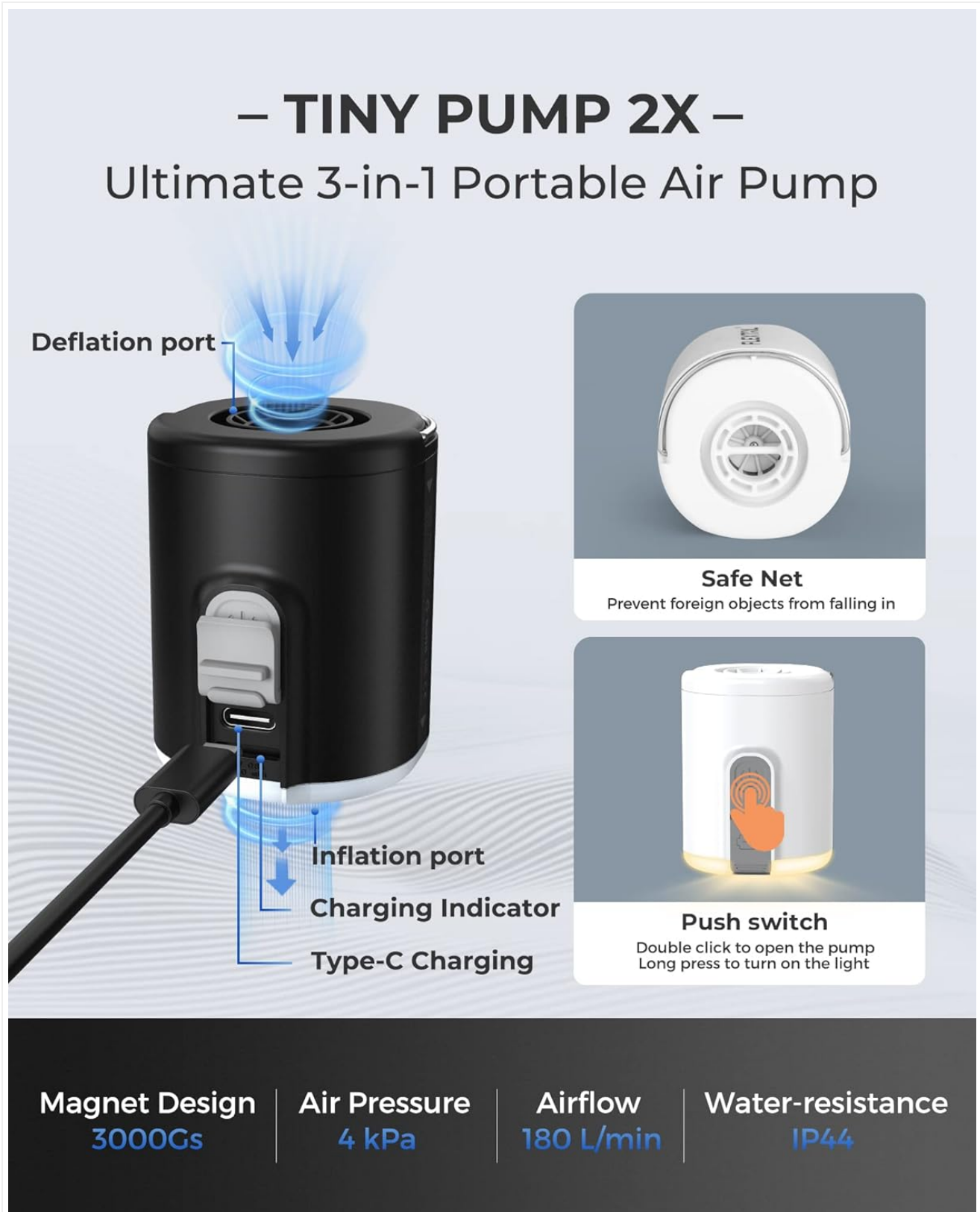


Figure 5.1: Charging port and indicator location.

- The charging indicator light will show the charging status.
- A full charge typically takes a few hours.
- Do not operate the pump while it is charging.

6. SETUP

Identify the appropriate nozzle for your inflatable item. The Tiny Pump 2X comes with 5 different nozzles to fit most small to large-sized inflatable products.



Figure 6.1: Nozzle types and their applications (sleeping pads, swimming rings, air mattresses, air pillows, vacuum bags).

- Select the nozzle that best fits the valve of your inflatable.
- Firmly insert the selected nozzle into the inflation or deflation port of the Tiny Pump 2X.

7. OPERATING INSTRUCTIONS

7.1. Inflation

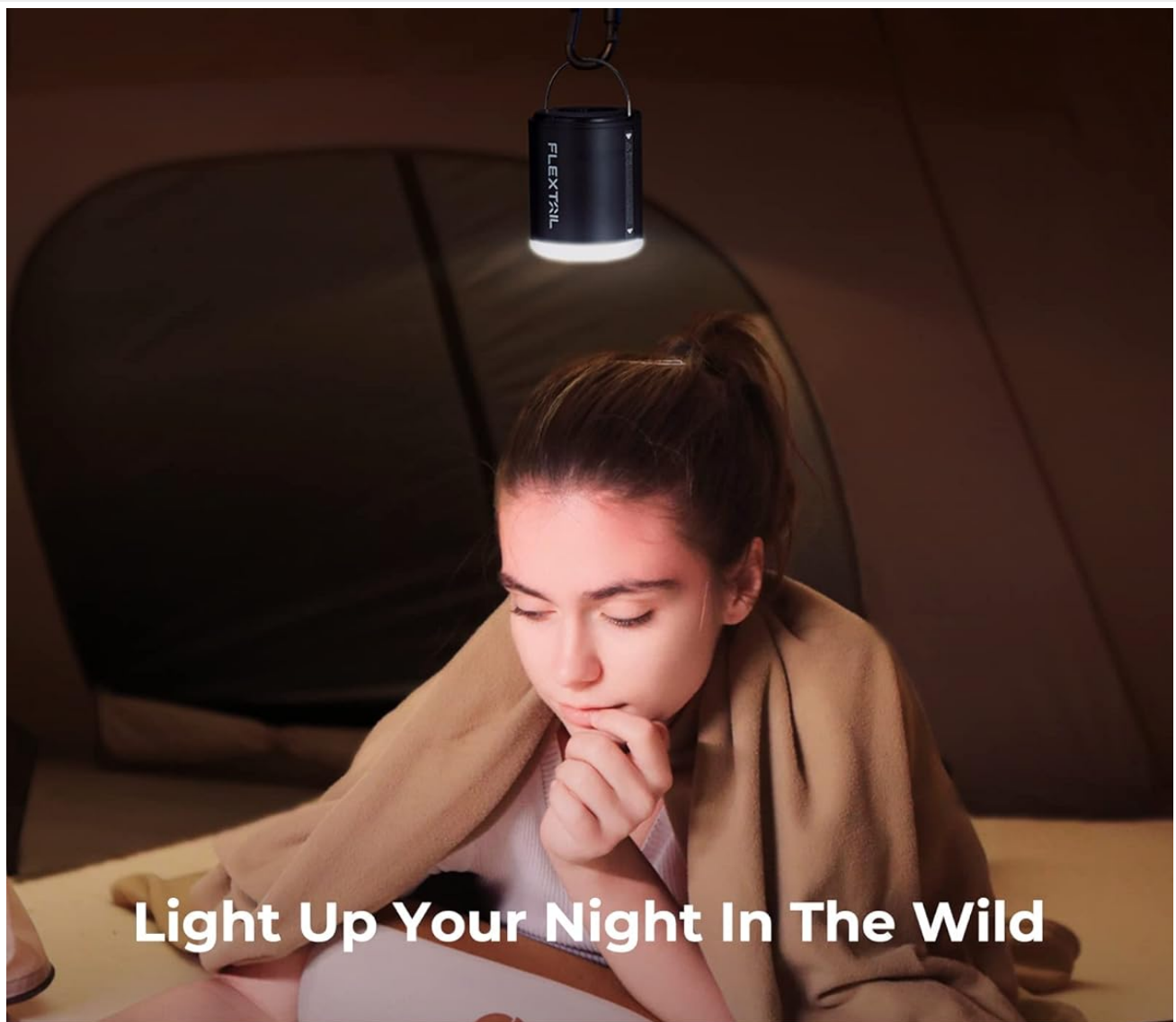
- Attach the appropriate nozzle to the **inflation port** (bottom of the pump).
- Insert the nozzle securely into the valve of the item you wish to inflate.
- Double-click the push switch to start the pump.
- The pump will begin inflating the item. Monitor the inflation process to avoid over-inflation.
- Double-click the push switch again to turn off the pump when inflation is complete.

7.2. Deflation

- Attach the appropriate nozzle to the **deflation port** (top of the pump).
- Insert the nozzle securely into the valve of the item you wish to deflate.
- Double-click the push switch to start the pump.
- The pump will begin deflating the item, compressing it for easier storage.
- Double-click the push switch again to turn off the pump when deflation is complete.

7.3. Using the Camping Lantern

- Long-press the push switch to turn on the LED camping lantern.
- Short-press the switch to cycle through the three brightness levels (40 lumens, 160 lumens, 400 lumens).
- Long-press the switch again to turn off the lantern.



Light Up Your Night In The Wild

40 lumens
Last 10h



160 lumens
Last 2.5h



400 lumens
Last 1h



Figure 7.3.1: Tiny Pump 2X illuminating a tent as a camping lantern.

7.4. Magnetic Design

The Tiny Pump 2X features a built-in magnet, allowing it to be attached to ferromagnetic surfaces for convenient hands-free lighting or storage.

Magnetic absorber design



Adsorbed on the car



Other camping gears
(can be magnetically attracted)



On iron stand

Figure 7.4.1: Examples of magnetic attachment: on a car hood, other camping gear, and an iron stand.

- Ensure the surface is ferromagnetic (e.g., iron, steel, nickel) for secure attachment.
- Place the magnetic base of the pump firmly against the desired surface.

8. MAINTENANCE

- **Cleaning:** Wipe the exterior of the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the pump and its accessories in the provided storage pouch in a cool, dry place, away from

direct sunlight and extreme temperatures.

- **Battery Care:** For optimal battery life, charge the pump at least once every three months if not in regular use.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery; incorrect operation.	Charge the pump fully. Double-click the power button to activate.
Weak airflow.	Low battery; clogged air inlet/outlet; incorrect nozzle.	Recharge the pump. Clear any obstructions. Ensure the correct nozzle is used and properly attached.
Lantern does not light up.	Low battery; incorrect operation.	Charge the pump fully. Long-press the power button to activate the lantern.
Pump overheats.	Continuous operation for too long.	Turn off the pump and allow it to cool down for at least 15 minutes before resuming use. Avoid continuous operation exceeding 15 minutes.

10. SPECIFICATIONS

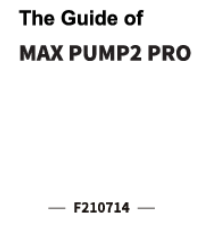

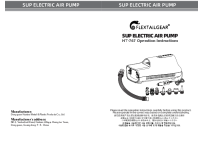
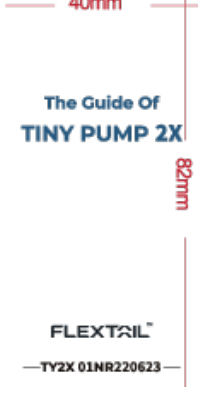
Feature	Detail
Model Number	TY2X
Dimensions (L x W x H)	1.8" x 1.7" x 2.3"
Weight	3.3 ounces (93.55 Grams)
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Battery Powered (2 Lithium Polymer batteries included)
Air Flow Capacity	180 LPM
Maximum Pressure	4 kPa (0.58 PSI)
Operation Mode	Automatic
Lantern Brightness Levels	40 lumens (up to 10h), 160 lumens (up to 2.5h), 400 lumens (up to 1h)

11. WARRANTY AND SUPPORT

FLEXTAILGEAR products are manufactured to the highest quality standards. For warranty information, technical support, or any inquiries regarding your Tiny Pump 2X, please contact FLEXTAILGEAR customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.

For more information, visit the official [FLEXTAILGEAR Store](#).

Related Documents - TY2X

 <p>The Guide of MAX PUMP2 PRO</p> <p>— F210714 —</p>	<p>Flextailgear MAX PUMP2 PRO Outdoor Air Pump User Manual</p> <p>Comprehensive user guide for the Flextailgear MAX PUMP2 PRO outdoor air pump, covering features, operation, troubleshooting, safety warnings, and warranty information.</p>
 <p>MAX REPEL USER GUIDE</p>	<p>Flextailgear Max Repel User Guide</p> <p>Comprehensive user guide for the Flextailgear Max Repel, detailing product introduction, specifications, usage instructions, charging, placement, warnings, and warranty information.</p>
 <p>SUP ELECTRIC AIR PUMP</p>	<p>Flextailgear SUP Electric Air Pump HT-767 Operation Instructions</p> <p>This document provides operation instructions for the Flextailgear SUP Electric Air Pump HT-767. It covers product introduction, list of accessories, details of accessories, safety instructions, inflation operation, deflation operation, precautions, fault handling, maintenance and storage, and warranty policy.</p>
 <p>The Guide Of TINY PUMP 2X</p> <p>— TY2X 01NR220623 —</p>	<p>Flextail Tiny Pump 2X User Guide</p> <p>Comprehensive guide for the Flextail Tiny Pump 2X, covering product features, usage instructions, troubleshooting, and warranty information.</p>