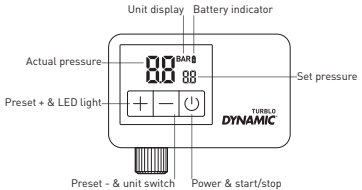
DYNAMIC

TURBLO

ELECTRIC MINI PUMP FOR CYCLISTS



Please read this manual carefully before use.
Keep manual for future reference.



Electric Mini Pump for Cyclists

The Dynamic Turblo is an ultra-light electric mini pump for top-ups and emergencies. Weighing just 115 g, it fits easily into your jersey pocket or saddle bag.

Powered by a 500 mAh 2S lithium polymer battery, a full-metal motor and carbon fibre push rod, the Turblo reaches up to 8.0 bar / 116 PSI. It features real-time digital pressure readings and an auto-stop function for safe and accurate inflation.

Additional features include an LED light, Presta and Schrader valve compatibility, and an advanced cooling system – making the Turblo the ideal mini pump for cyclists who demand more from less. CE, UKCA and RCM certified and backed by a 2-year warranty, the Dynamic Turblo guarantees reliable and professional results when you need it most.

Inside the Box

- Electric Mini Pump
- Presta Adapter
- Schrader Air Hose
- USB-C Charging Cable
- Splashproof Storage Bag
- Wrist Lanyard
- User Manual

Instructions for Use

1. Charge the Turblo before first use using the supplied USB-C cable.
2. Press and hold the power button for 3 seconds to switch on the Turblo.
3. Use the + and – buttons to set your desired pressure.
    - Always check the recommended air pressure for the item being inflated. For tires, the pressure range is printed on the tire wall. Do not overinflate or underinflate, as this can cause personal injury due to explosion or other hazards.
4. Connect the pump to a valve:
    - Use the purple adapter when inflating a Presta valve.
    - Use the hose when inflating a Schrader valve, or use a separate Schrader adapter.
    - Use the hose for better heat dissipation and easier access.
    - Always use the hose when inflating any valve with a plastic stem.

You can find this manual in EN, NL, DE, FR and ES via this QR code →

RoHS

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5. The digital display shows real-time pressure in bar or PSI (white digits).
6. Press the power button once to start inflation.
7. The pump will automatically stop when the preset pressure is reached.
8. After use, press and hold the power button to turn off the Turblo.
9. Disconnect the Turblo and allow it to cool before storing.

Extra Functions

- Double-click the + button to switch on the LED light.
- Double-click the – button to switch between bar and PSI.
- Press and hold both + and – buttons to calibrate the device to zero. Important: Only use this function when the pump is not connected. Calibration may improve accuracy depending on altitude or sensor conditions.

Battery & Charging

- Battery: 500 mAh 2S lithium polymer
- Charging port: USB-C
- Recommended power source: 5V/1–1.5A

Charging Indicator

- Flashing indicator bar: Charging
- Steady purple indicator bar: Fully charged

Battery Icon (Display)

- 3 bars: 70–100%
- 2 bars: 30–70%
- 1 bar: 5–30%
- Below 5%: Auto power-off to protect the battery

Performance Guide

A full charge delivers approximately:

- 5× 28 mm road tires to 5.0 bar / 73 PSI
- 8× 29" MTB tires to 1.5 bar / 22 PSI

Actual performance may vary depending on the condition of the tires. Most tires are not fully deflated when being topped up.

Safety Precautions

- Do not leave the Turblo unattended during inflation.
- Keep the Turblo away from flammable or explosive materials.
- Avoid exposing the device to moisture, dirt, or physical impacts (e.g. dropping).
- Do not store the product in extremely cold, hot, or humid environments.
- The Turblo contains a built-in lithium-ion polymer battery. Do not dispose of it in fire or discard it carelessly.
- Keep the product out of reach of children.

High Temperature Warning

- The air valve and connector may become hot after extended use. Do not touch these parts with bare hands.
- If the pump becomes too hot, a "HOT" warning will appear on the display. In this case, allow the device to cool down for 10 minutes before using it again.

Troubleshooting

Slow inflation

- Check if the battery is sufficiently charged.
- Inspect the valve and all connections for air leaks.
- Ensure all connections are tightened securely.
- Check the tire or object being inflated for leaks.

The Turblo is turned on but does not inflate

- Check if the battery is sufficiently charged.
- Confirm that the current tire pressure is not already higher than the preset value.

Inflation is normal but the pressure reads 0

- If the tire is completely flat, the pressure may not register right away. In that case, wait a few seconds while inflating.
- Low-pressure items (e.g. balloons) are not within the measurable range of the Turblo.

Power indicator level is different during inflation

- A voltage drop during battery discharge may cause a difference between the indicator in standby and during use. This is normal behaviour and not a fault.

Power indicator does not appear after charging

- Try using a certified USB cable (like the one included in the box) and adapter.
- Make sure you are using a 5 V/1–2 A USB power source.

Display responds slowly after powering on

- After switching on, the screen may take up to 3 seconds to respond. This is a normal characteristic of the device.

Specifications

Model: Turblo DY-158
Maximum Pressure: 8.0 bar/116 PSI
Battery capacity: 500 mAh 2S
Input: 5 V/1.5 A
Maximum Power: 48 W
Weight: 115 g
Working Temperature: -10°C–45°C (14°F–113°F)
Product Dimensions: 71x45x33 mm

Certifications & Warranty

CE, UKCA and RCM certified, 2-year warranty.