Waitley UPUMP-MK1

Waitley 18V Cordless Air Compressor UPUMP-MK1 Instruction Manual

Model: UPUMP-MK1

Introduction Safety Instructions Package Contents Product Overview Specifications Setup Operating Instructions Maintenance Troubleshooting Warranty & Support

1. Introduction

Thank you for purchasing the Waitley 18V Cordless Air Compressor UPUMP-MK1. This portable air compressor is designed for efficient and convenient inflation of various items, including car tires, bicycle tires, balls, and other inflatables. It features a digital display, automatic stop function, and compatibility with Makita 18V batteries (sold separately). Please read this manual thoroughly before use to ensure safe and optimal operation.

2. Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read All Instructions:** Familiarize yourself with the product's operation and safety guidelines.
- **Battery Safety:** Use only compatible 18V batteries. Ensure the battery is fully charged before use. Do not expose batteries to water or extreme temperatures.
- **Proper Use:** This air compressor is intended for inflating tires and small inflatables. Do not use it for purposes other than its intended use.
- **Over-inflation:** Do not over-inflate items. Always check the recommended pressure for the item being inflated. The automatic stop function helps prevent over-inflation.
- **Operating Environment:** Use the compressor in a well-ventilated area. Keep children and bystanders away during operation.
- **Hot Surfaces:** The air hose and nozzles may become hot during prolonged use. Handle with care.
- **Storage:** Store the compressor in a dry, secure place, out of reach of children.

- **Maintenance:** Do not attempt to disassemble or repair the unit yourself. Refer to qualified service personnel for repairs.

3. Package Contents

Verify that all items listed below are included in your package:

- 1 x Air Compressor Host
- 1 x Air Compressor Hose
- 1 x Car Inflator Adapter Head
- 1 x Instruction Manual
- 4 x Interchangeable Nozzles (stored in the base of the air compressor)

Note: *Battery is sold separately.*

4. Product Overview

The Waitley 18V Cordless Air Compressor UPUMP-MK1 is a versatile and powerful tool designed for various inflation needs. Its compact and ergonomic design ensures ease of use and portability.

Key Features:

- **Cordless Convenience:** Compatible with Makita 18V batteries, offering freedom from power cords.
- **Smart Digital Display & Auto-Stop:** High-precision digital display shows real-time air pressure. Automatically stops when the preset pressure is reached, preventing over-inflation.
- **High Performance & Durability:** Provides up to 1034kpa (160PSI) air pressure for efficient inflation. Constructed from high-quality plastic and metal for long-term durability.
- **Multi-purpose Nozzles & Convenient Storage:** Includes 4 types of interchangeable nozzles for cars, motorcycles, bicycles, balls, and inflatables. Nozzles are stored in a dedicated space at the base, and the air hose has a storage port on the back.
- **Ergonomic Design & Multi-functional LED Light:** Features a 3-stage LED light for use in dark environments, which can also function as a flashlight, SOS light, or strobe warning light. The non-slip base enhances stability during operation, and the ergonomic handle provides a comfortable grip.

Component Identification:



Figure 1: Waitley 18V Cordless Air Compressor with labeled components including digital display, LED light, heat dissipation holes, non-slip handle, lithium battery slot, non-slip base, nylon tube storage, reinforced protective layer, and inflatable tube.



Figure 2: Product dimensions (230mm height, 176mm length, 76mm width, 1.03kg weight) and integrated nozzle storage compartment.



Figure 3: The air compressor's LED light illuminating a car tire, demonstrating its utility in dark conditions.



Figure 4: The air compressor being used to inflate car tires, motorcycle tires, bicycle tires, sports balls, and inflatable swimming rings, showcasing its versatility.

Product Demonstration Video:

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Video 1: Electric Air Compressor - A general overview of the product's features and operation.

5. Specifications

Feature	Detail
Brand	Waitley (MichstaBe)
Model Name	UPUMP-MK1
Voltage	18 Volts

Feature	Detail
Power Source	Battery Powered
Maximum Operating Pressure	1034 Kilopascals (160 PSI)
Product Dimensions (L x W x H)	22.5 x 7.5 x 17.5 cm
Recommended Uses	Tire Air Pressure
Included Components	Main unit only (battery sold separately)
Country of Origin	China

6. Setup

6.1. Attaching the Battery

The Waitley UPUMP-MK1 is compatible with Makita 18V batteries (sold separately). To attach the battery, align the battery pack with the slot on the bottom of the air compressor and slide it in until it clicks securely into place.

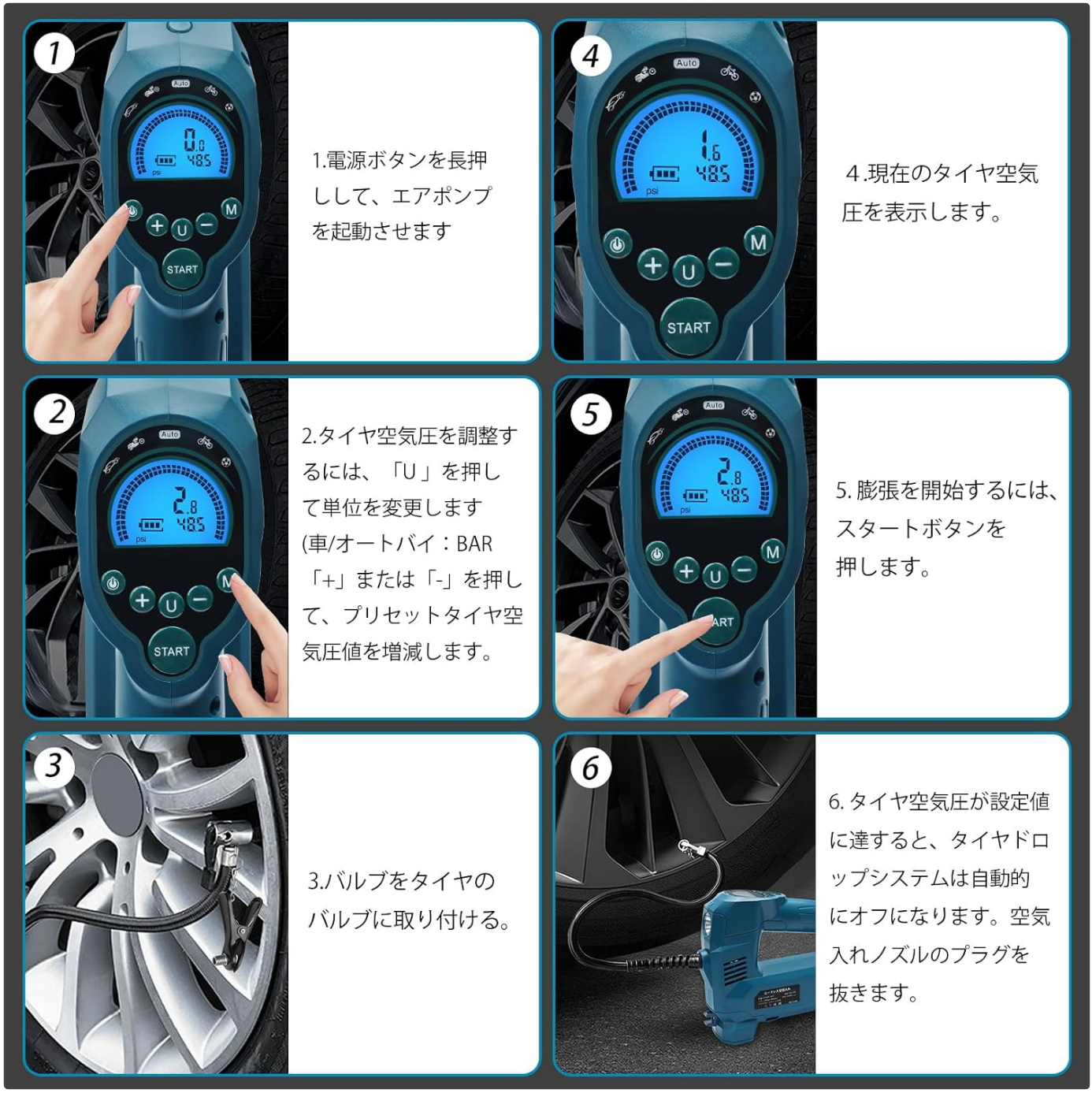


Figure 5: The air compressor is compatible with Makita 18V lithium-ion batteries, providing cordless operation.

6.2. Connecting the Air Hose and Nozzle

1. Uncoil the air hose from its storage slot on the back of the unit.
2. Screw the air hose securely onto the air outlet port on the front of the compressor.
3. Open the nozzle storage compartment at the base of the unit and select the appropriate nozzle for your item.
4. Attach the selected nozzle to the end of the air hose.



Figure 6: The base of the air compressor features a convenient storage compartment for the four included inflator nozzles.

7. Operating Instructions

7.1. Powering On and Setting Pressure

1. Press and hold the power button () to turn on the air compressor. The LCD digital display will illuminate.
2. Press the 'M' button to cycle through the different measurement units (PSI, BAR, KPA, kg/cm²). Select your desired unit.
3. Use the '+' and '-' buttons to set the desired target air pressure. Refer to the item's manufacturer recommendations for correct pressure.
4. The display also shows the battery level, allowing you to monitor power.



Figure 7: The clear LCD digital display shows real-time pressure, battery level, and allows selection of measurement units (bar, PSI, kPA, kg/cm²). Buttons for power, unit selection, mode selection, and pressure adjustment are visible.

7.2. Inflation Process

1. Securely attach the nozzle to the valve of the item you wish to inflate. Ensure a tight seal to prevent air leakage.
2. Press the 'START' button to begin inflation. The compressor will start pumping air, and the real-time pressure will be displayed.
3. The compressor will automatically stop once the preset pressure is reached.
4. Once inflation is complete, quickly detach the nozzle from the item's valve.



Figure 8: Step-by-step guide for operating the air compressor: 1. Long press power button to start. 2. Adjust tire pressure using 'U' for unit change and '+'/'–' for value. 3. Attach valve to tire. 4. Current tire pressure displayed. 5. Press START to inflate. 6. Automatic stop at set pressure, then unplug nozzle.

7.3. Using the LED Light

The integrated LED light has three modes: flashlight, SOS, and strobe warning light. Press the light button to cycle through these modes as needed.

Operation Demonstration Videos:

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Video 2: Rechargeable Air Compressor Air Pump - Demonstrates the process of inflating a car tire using the air compressor.

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Video 3: Car Tire Inflation Front Wheel - Shows the specific application of inflating a front car tire.

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Video 4: Air Inflation - A general demonstration of the air inflation process.

8. Maintenance

- **Cleaning:** After each use, wipe the compressor body and hose with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the air compressor in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the hose and nozzles are properly stored in their designated compartments.
- **Battery Care:** If using a removable battery, remove it from the compressor when not in use for extended periods. Store batteries in a cool, dry place and charge them periodically to maintain their lifespan.

9. Troubleshooting

Problem	Possible Cause	Solution
Compressor does not turn on	Battery is not inserted correctly or is depleted.	Ensure the battery is securely attached and fully charged.
Air is not flowing or pressure is low	Nozzle is not securely attached or is blocked. Hose is damaged.	Check all connections for tightness. Clear any blockages in the nozzle or hose. Inspect hose for damage.
Compressor runs but does not inflate	Leakage at the connection point. Incorrect nozzle used.	Ensure the nozzle is tightly sealed to the valve. Use the correct nozzle for the item.
Compressor stops prematurely	Preset pressure reached. Overheating.	This is normal if the preset pressure is reached. If due to overheating, allow the unit to cool down before resuming use.

10. Warranty and Support

The Waitley 18V Cordless Air Compressor UPUMP-MK1 comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.
For technical support, warranty service, or any questions regarding your product, please contact our customer service team through the retailer where you purchased the product. We are committed to ensuring your satisfaction.

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