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ThiEYE Airkit-3

ThiEYE Airkit-3 20V Cordless Electric Air Compressor User Manual

Model: Airkit-3 | Brand: ThiEYE

INTRODUCTION

Thank you for choosing the ThiEYE Airkit-3 20V Cordless Electric Air Compressor. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INSTRUCTIONS

- Always wear eye protection when operating the air compressor.
- Keep children and bystanders away from the operating area.
- Do not over-inflate items. Follow recommended pressure levels for tires and other inflatables.
- Do not leave the compressor unattended while in operation.
- Ensure the air hose is securely connected to both the compressor and the item being inflated.
- Avoid operating the compressor in wet conditions or near flammable liquids or gases.
- Disconnect the power source when not in use or before performing maintenance.
- Do not modify the compressor or its accessories. Use only original ThiEYE parts.
- The compressor may become hot during prolonged use. Allow it to cool down before handling.

PACKAGE CONTENTS

Verify that all items are present in your package:

- ThiEYE Airkit-3 Cordless Air Compressor Unit
- 20V Rechargeable Lithium-ion Battery (10000mAh)
- 12V DC Car Power Adapter (with 3m cord)
- Air Hose
- Various Nozzles (e.g., for balls, bicycles, inflatable toys)

- User Manual

PRODUCT OVERVIEW

The ThiEYE Airkit-3 is a versatile air compressor designed for inflating various items, including car tires, motorcycle tires, bicycle tires, sports balls, and other inflatables. It features a digital display for real-time pressure monitoring and an automatic stop function.



Image: ThiEYE Airkit-3 Portable Cordless Air Compressor highlighting its 150 PSI max pressure, 10000mAh capacity, Type-C/12V DC charge, 4 air pressure units, real-time monitoring, and automatic operation.

Key Components

- **Digital LCD Display:** Shows real-time pressure and allows setting target pressure.
- **Control Buttons:** For power, unit selection, and pressure adjustment (+/-).
- **Air Hose Connection:** Point for attaching the flexible air hose.
- **LED Light:** Provides illumination for use in low-light conditions.
- **Battery Port:** For connecting the 20V rechargeable battery.
- **12V DC Input:** For connecting the car power adapter.

18,000rpm Motor Power

The 18000rpm copper motor, combined with 120W of power, let you easy to inflate 4 tires in 25 minutes fully.



Image: The ThiEYE Airkit-3 compressor in use, demonstrating its ergonomic handle and the LED light illuminating the tire valve for easy night-time operation.

SETUP

1. Charging the Battery

Before first use, fully charge the 20V Lithium-ion battery. Connect the battery to a compatible charger (not explicitly detailed in product info, assume standard charging method for 20V batteries). A full charge ensures optimal performance and runtime.

2. Connecting Power Source

The Airkit-3 offers two power options:

- **20V Rechargeable Battery:** Slide the fully charged 20V battery into the battery port at the base of the compressor until it clicks into place.
- **12V DC Car Power Adapter:** If the battery is depleted or for continuous use, connect the 12V DC car power adapter to the compressor's 12V input port and plug the other end into your vehicle's 12V accessory socket (cigarette lighter). The 3-meter cord allows for convenient reach around the vehicle.

Ergonomically Designed Handle with 40cm Long Air Hose

Easy to stand on the ground to inflate the tires, no more dangling



Image: The ThiEYE Airkit-3 demonstrating its dual power supply modes: operation with the 20V rechargeable battery and connection to a 12V DC car power adapter.

Image: An overhead view illustrating the ThiEYE Airkit-3 connected to a car's 12V power outlet using its 3-meter power cord, allowing inflation anytime.

3. Attaching Air Hose and Nozzles

- Screw the flexible air hose securely onto the compressor's air outlet.
- Select the appropriate nozzle for the item you wish to inflate. Attach it firmly to the end of the air hose.

ThiEYE

20V Portable Cordless Air Compressor AirKit 3

150
PSI

150PSI

10000

10000mAh capacity



Type-C/
12V DC charge



4 air pressure
units



real-time
monitoring



automatic
operation



Image: The ThiEYE Airkit-3 multifunctional tire inflator, showcasing its three different nozzles designed to meet various inflation needs for different items.

OPERATING INSTRUCTIONS

1. Powering On/Off

Press the power button to turn the compressor on. The LCD display will illuminate. Press and hold the power button to turn it off.

2. Setting Pressure

1. With the compressor on, connect the nozzle to the item to be inflated. The LCD display will show the current pressure.
2. Press the 'U' button (Unit) to cycle through desired pressure units (e.g., PSI, BAR, KPA, kg/cm²).
3. Use the '+' and '-' buttons to set your desired target pressure.

20V Powerful Battery & Durable Construction



Metal Movement
Strong power drives the fan



Cooling Fan
Speed up air flow



Cooling Vents
Improve heat dissipation

Image: A close-up of the ThiEYE Airkit-3's digital display showing real-time air pressure and the control buttons for setting the desired pressure.

3. Inflating

1. Once the desired pressure is set, press the 'Air' button (often indicated by a power symbol or play icon) to start inflation.
2. The compressor will automatically stop once the preset pressure is reached.

How to Use



**Easy
to use**



01
Plug in the 20V battery
or 12V car charger.



02
Connect the AirKit 3
to the tire



03
Long Press "⏻" to choose
unit. Press "+" / "-" to
preset tire pressure.



04
Press "Air"
button to start.

Image: A four-step visual guide on how to use the ThiEYE Airkit-3, including plugging in the battery/charger, connecting to the tire,

setting pressure, and pressing the 'Air' button to start.

4. Using the LED Light

The integrated LED light can be activated by a dedicated button (refer to device for exact button, often a light bulb icon). This is useful for illuminating the work area in dark environments.

MAINTENANCE

1. Cleaning

- Ensure the compressor is turned off and disconnected from any power source before cleaning.
- Wipe the exterior of the compressor with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the air vents clear of dust and debris to ensure proper cooling.

2. Storage

- Store the compressor and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the air hose is neatly coiled and the nozzles are stored securely to prevent loss.
- For long-term storage, it is recommended to partially charge the battery (around 50%) and recharge it every few months to maintain battery health.

TROUBLESHOOTING

If you encounter issues with your ThiEYE Airkit-3, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Compressor does not turn on.	Battery is depleted or not properly connected. 12V DC adapter not connected or vehicle socket faulty.	Charge the battery or ensure it is securely attached. Check 12V DC connection and vehicle's power socket.
Compressor runs but does not inflate.	Air hose or nozzle not securely connected. Leak in the hose or valve.	Ensure all connections are tight. Check for damage to the hose or nozzle.
Inaccurate pressure reading.	Improper connection to valve. Sensor malfunction.	Ensure the nozzle is fully seated on the valve stem. If problem persists, contact support.
Compressor stops unexpectedly.	Battery depleted. Overheating protection activated. Preset pressure reached.	Recharge battery. Allow compressor to cool down. Check if target pressure was reached.

If the issue persists after attempting these solutions, please contact ThiEYE customer support.

SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Name	Airkit-3
Brand	ThiEYE
Maximum Operating Pressure	150 PSI
Power Source	20V Lithium-ion Battery (10000mAh) / 12V DC Car Power
Voltage (Car Adapter)	12 Volts
Main Material	Metal
Color	Black
Item Weight	1.54 Kilograms
Hose Length	3 Meters (for 12V DC cord) / 40cm (for air hose)
Included Components	Air Pump, 20V Battery, 12V DC Car Charger, Air Hose, Nozzles

WARRANTY AND SUPPORT

ThiEYE products are manufactured to high-quality standards. For warranty information, product support, or service inquiries, please refer to the warranty card included with your purchase or visit the official ThiEYE website. Please have your model number (Airkit-3) and purchase date available when contacting support.