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## KIMO 12V 3/8" Cordless Electric Ratchet Wrench

# KIMO 12V 3/8" Cordless Electric Ratchet Wrench User Manual

Model: 12V 3/8" Cordless Electric Ratchet Wrench

Brand: KIMO

### 1. INTRODUCTION

Thank you for choosing the KIMO 12V 3/8" Cordless Electric Ratchet Wrench. This tool is designed for efficient fastening and unfastening of nuts and bolts, offering portability and power without the need for air hoses or power cords. This manual provides essential information for safe operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool.



*Image 1.1: KIMO 12V 3/8" Cordless Electric Ratchet Wrench (Bare Tool)*

### 2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock,

and personal injury. Read and understand all instructions before operating this tool.

### General Power Tool Safety Warnings:

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** This is a bare tool. Ensure any battery pack used is compatible and properly charged. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components of your KIMO Cordless Electric Ratchet Wrench.

1. **Ratchet Head:** 3/8" square drive for sockets.
2. **Forward/Reverse Switch:** Controls the direction of rotation.
3. **Variable Speed Trigger:** Activates the tool and controls speed.
4. **LED Work Light:** Illuminates the work area.
5. **Battery Indicator:** Displays remaining battery charge (if using a compatible KIMO 12V battery).
6. **Ergonomic Handle:** Rubberized grip for comfort and control.

# Recessed Head Profile to Accomodate Tight Spaces



*Image 3.1: Recessed head profile for accessing tight spaces.*

The tool features a slim, recessed head design, allowing it to fit into confined areas where traditional wrenches may not reach. This design enhances versatility for various applications, including automotive maintenance and general repairs.

## 4. SETUP

This section details the initial steps to prepare your ratchet wrench for use.

### 4.1 Attaching the Battery (Not Included)

1. Ensure the battery is fully charged before first use.

2. Align the battery pack with the battery port on the tool handle.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

#### **4.2 Attaching Sockets**

1. Select the appropriate 3/8" drive socket for your application.
2. Push the socket firmly onto the square drive anvil of the ratchet head until it locks into place.
3. To remove, pull the socket off the anvil.

### **5. OPERATING INSTRUCTIONS**

Follow these steps for proper operation of your cordless electric ratchet wrench.

#### **5.1 Forward/Reverse Operation**

# Forward/Reverse Switch

Fastening and Unscrewing within One Tool



**Forward to Tighten the Bolts**

**Reverse to Unscrew the Bolts**



*Image 5.1: Forward/Reverse Switch for fastening and unfastening.*

- Locate the forward/reverse switch near the ratchet head.
- Push the switch to the 'F' position for forward rotation (tightening).
- Push the switch to the 'R' position for reverse rotation (loosening).
- Ensure the switch is fully engaged in the desired direction before operating.

## 5.2 Variable Speed Trigger



# 0-400RPM Variable Speed Trigger

The Harder you Push, the Faster it Gets



*Image 5.2: Variable Speed Trigger for precise control.*

- The tool features a variable speed trigger, allowing you to control the rotation speed from 0 to 400 RPM.
- Press the trigger gently for slower speeds and increased control.
- Press the trigger further for higher speeds and maximum torque (up to 40 ft-lbs).
- Release the trigger to stop the tool.

## 5.3 LED Work Light

# Built-in LED to Illuminate Dark Working Environment

Extra Precision in the Dark



*Image 5.3: Built-in LED for illuminating dark work environments.*

The integrated LED light automatically activates when the trigger is pressed, providing illumination for dark work areas and enhancing visibility for precise operation.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

### 6.1 Cleaning

- Always disconnect the battery pack before cleaning.
- Use a clean, damp cloth to wipe down the exterior of the tool. Do not use harsh chemicals or

abrasive cleaners.

- Keep ventilation openings clear of dust and debris to prevent overheating.

## 6.2 Storage

- Store the tool and battery pack in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the battery is partially charged (around 50%) before long-term storage.

## 7. TROUBLESHOOTING

Refer to this section for solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly Battery discharged Forward/Reverse switch in neutral position	Re-insert battery securely Charge battery pack Engage switch to 'F' or 'R' position
Reduced power/torque	Low battery charge Tool overheating	Charge battery pack Allow tool to cool down
LED light not working	Tool not activated Faulty LED	Press the trigger to activate Contact KIMO customer support

## 8. SPECIFICATIONS

Key technical specifications for the KIMO 12V 3/8" Cordless Electric Ratchet Wrench.

- **Brand:** KIMO
- **Model:** 12V 3/8" Cordless Electric Ratchet Wrench
- **Drive Size:** 3/8 inch
- **Maximum Torque:** 40 ft-lbs
- **No-Load Speed:** 0-400 RPM (Variable Speed)
- **Voltage:** 12V
- **Operation Mode:** Battery
- **Item Weight:** Approximately 1.81 lbs (without battery)
- **Material:** Rubber (handle grip)
- **Color:** Black, Green
- **Head Style:** Fixed Square
- **Finish Type:** Powder Coated




## 9. WARRANTY AND SUPPORT

KIMO is committed to providing high-quality tools and customer satisfaction. For warranty information, technical support, or service inquiries, please refer to the official KIMO website or contact their customer service department.

You can visit the KIMO store for more information and product registration:[KIMO Official Store](#)



## Related Documents - 12V 3/8" Cordless Electric Ratchet Wrench

 <p><b>KIMO</b> INSTRUCTION MANUAL</p> <p>MODEL: 3302L 12V EXTENDED RATCHET WRENCH <a href="http://www.kimotool.com">www.kimotool.com</a> If you have questions or comments, contact us at: <a href="mailto:service@kimotools.com">service@kimotools.com</a></p>	<p><a href="#">KIMO 3302L 12V Extended Ratchet Wrench Instruction Manual</a></p> <p>Comprehensive instruction manual for the KIMO 3302L 12V Extended Ratchet Wrench, covering safety guidelines, operation, tool use and care, specifications, battery charging, and warranty information.</p>																								
 <p><b>KIMO</b> INSTRUCTION MANUAL</p> <p>MODEL: 20V 2.0Ah Lithium-Ion Battery</p> <p>Please Contact Us By: ✉ Email: <a href="mailto:service@kimotools.com">service@kimotools.com</a> 🌐 Website: <a href="http://www.kimotool.com">www.kimotool.com</a> ☎ Hotline: +1 833 303 1997 📱 WhatsApp: +86 189 3805 9242 <a href="mailto:info@kimotool.com">info@kimotool.com</a></p>	<p><a href="#">KIMO 20V 2.0Ah Lithium-Ion Battery Instruction Manual</a></p> <p>Instruction manual for the KIMO 20V 2.0Ah Lithium-Ion Battery, covering general use rules, safety instructions, charging indicators, and premium after-service contact information.</p>																								
 <p><b>KIMO</b> INSTRUCTION MANUAL</p> <p>MODEL: 3605W CORDLESS IMPACT WRENCH <a href="http://www.kimotool.com">www.kimotool.com</a> If you have questions or comments, contact us at: <a href="mailto:service@kimotools.com">service@kimotools.com</a></p>	<p><a href="#">KIMO 3605W Cordless Impact Wrench Instruction Manual</a></p> <p>Comprehensive instruction manual for the KIMO 3605W Cordless Impact Wrench, covering safety guidelines, operation, maintenance, and troubleshooting.</p>																								
 <p>HD 110 Thermo-Hygrometer</p> <p>Key Features:</p> <ul style="list-style-type: none"><li>1. High Accuracy</li><li>2. Large LCD Display</li><li>3. Auto Power Off</li><li>4. Data Hold</li><li>5. Backlight</li><li>6. Temperature/ Humidity</li><li>7. Data Memory</li></ul> <p>Technical Specifications:</p> <table border="1"><thead><tr><th>Parameter</th><th>Value</th></tr></thead><tbody><tr><td>Temperature</td><td>-20°C to 50°C (-4°F to 122°F)</td></tr><tr><td>Humidity</td><td>10% to 90% RH</td></tr><tr><td>Accuracy</td><td>±0.5°C (±1°F) / ±2% RH</td></tr><tr><td>Resolution</td><td>0.1°C / 0.1°F / 1% RH</td></tr><tr><td>Response Time</td><td>&lt;1s</td></tr><tr><td>Power Source</td><td>1x 1.5V AAA (not included)</td></tr><tr><td>Operating Time</td><td>&gt;100h</td></tr><tr><td>Storage Temperature</td><td>-20°C to 60°C (-4°F to 140°F)</td></tr><tr><td>Storage Humidity</td><td>&lt;90% RH</td></tr><tr><td>Weight</td><td>~150g</td></tr><tr><td>Dimensions</td><td>~100mm x 50mm x 20mm</td></tr></tbody></table> <p>Technical specifications are subject to change without notice.</p>	Parameter	Value	Temperature	-20°C to 50°C (-4°F to 122°F)	Humidity	10% to 90% RH	Accuracy	±0.5°C (±1°F) / ±2% RH	Resolution	0.1°C / 0.1°F / 1% RH	Response Time	<1s	Power Source	1x 1.5V AAA (not included)	Operating Time	>100h	Storage Temperature	-20°C to 60°C (-4°F to 140°F)	Storage Humidity	<90% RH	Weight	~150g	Dimensions	~100mm x 50mm x 20mm	<p><a href="#">KIMO HD 110 Thermo-Hygrometer User Manual</a></p> <p>User manual for the KIMO HD 110 Thermo-Hygrometer, detailing its features, technical specifications, and operating instructions for measuring temperature and humidity.</p>
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 <p><b>KIMO</b> INSTRUCTION MANUAL</p> <p>20-Volt Lithium-ion Cordless Leaf Blower 2-in-1 Sweeper/Vacuum</p> <p><a href="mailto:info@kimotool.com">info@kimotool.com</a> Kimo support@kimotool.com Catalog Number: QM-6001 DISCLAIMER: Read Before Using</p>	<p><a href="#">KIMO 20-Volt Lithium-ion Cordless Leaf Blower/Sweeper/Vacuum Instruction Manual</a></p> <p>Official instruction manual for the KIMO 20-Volt Lithium-ion Cordless Leaf Blower, 2-in-1 Sweeper/Vacuum (Model QM-6001). Includes specifications, safety warnings, battery care, installation, operation, and warranty information.</p>																								



User manual for the KIMO AQ 110 portable air quality monitor, detailing its features, technical specifications, and operation for measuring CO2 and temperature. Includes instructions on measurement, freezing, min/max display, and device adjustments like units, auto shut-off, beep, and atmospheric pressure.