

KIMO 3603

KIMO 1/2-inch Cordless Impact Wrench (Model 3603) User Manual

Model: 3603 | Brand: KIMO

1. IMPORTANT SAFETY INFORMATION

Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety Warnings

- **Work Area Safety:** Keep 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. Power tools create sparks which may ignite the dust or fumes.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

2. PRODUCT OVERVIEW

The KIMO 1/2-inch Cordless Impact Wrench is a versatile tool designed for various fastening and drilling applications. It features a powerful brushless motor, dual-speed control, and an intelligent braking system for enhanced safety and efficiency.



Figure 2.1: KIMO 1/2-inch Cordless Impact Wrench and included accessories.

Package Contents

- 1x KIMO Impact Wrench
- 1x 4.0Ah Li-ion Battery
- 1x Fast Charger

- 1x Hex Strong Lock Converter
- 4x Sockets (15mm, 17mm, 19mm, 21mm)
- 6x High-Speed Steel Drill Bits
- 3x Chromium Vanadium Steel Screwdriver Bits

Key Features

- **Industrial-Grade Brushless Motor:** Delivers up to 550 Nm (406 ft-lbs) of torque and 3000 RPM for powerful and efficient operation.
- **Dual-Speed Control:** Seamlessly switch between high speed (up to 3000 RPM) and low speed (up to 2200 RPM) for precision and power.
- **Advanced Intelligent Brake:** Prevents nuts from falling during reverse operation, enhancing safety.
- **Forward/Reverse Switch & Safety Lock:** Easy direction changes and prevents accidental starts.
- **3-in-1 Multi-Impact Wrench:** Compatible with wrench, drill, and screwdriver functions using the included hex converter.
- **Efficient 4.0Ah Battery:** Provides extended runtime and features 5 intelligent protection chips.
- **Built-in LED Light:** Illuminates the workspace for improved visibility in dark areas.
- **Ergonomic Design:** Lightweight (3.8 lbs) with a comfortable non-slip grip to reduce fatigue.
- **Superior Cooling System:** Ensures stable performance and extends tool lifespan by preventing overheating.

Brushless Copper Core Motor

Up to **3000 RPM**, dual-speed impact design for powerful performance



Figure 2.2: Industrial-grade brushless copper core motor for enhanced efficiency and lifespan.



Figure 2.3: Ergonomic non-slip grip designed for comfort and reduced fatigue.



Figure 2.4: Premium cooling system for rapid heat dissipation and long-lasting operation.

3. SETUP

3.1 Charging the Battery

1. Connect the fast charger to a standard power outlet.
2. Slide the 4.0Ah Li-ion battery onto the charger until it clicks into place.
3. The charger's indicator light will show the charging status. A full charge typically takes 1 hour.
4. Once fully charged, remove the battery from the charger.

Note: The battery features a smart power indicator to show the remaining charge level. Always ensure the battery is fully charged before extensive use.

3.2 Installing/Removing the Battery

- **Installation:** Align the battery with the base of the impact wrench and slide it in until it locks securely.
- **Removal:** Press the battery release button (usually located on the side of the battery) and slide the battery off the tool.

3.3 Attaching Accessories (Sockets, Drill Bits, Screwdriver Bits)

1. Ensure the tool is off and the safety lock is engaged.
2. **For Sockets:** Push the desired 1/2-inch square drive socket onto the anvil of the impact wrench until it clicks into place. To remove, pull the socket firmly off the anvil.
3. **For Drill Bits/Screwdriver Bits (using Hex Strong Lock Converter):**

- Insert the hex strong lock converter into the 1/2-inch square drive anvil.
- Insert the desired hex shank drill bit or screwdriver bit into the converter. The powerful locking ball will secure it.
- To remove, pull the bit out of the converter.

9-Piece Premium Drill & Screwdriver Set

Multi-tool evolution: from **impact wrench** to **drill / driver**

Heat resistant
Higher hardness
Higher toughness
Higher bearing pressure



Pointed drill bit



Blunt drill bit



Screwdriver bit



Figure 3.1: Included 9-piece drill and screwdriver set.



Figure 3.2: Hex Strong-Lock Converter for versatile bit usage.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Safety Lock

- To power on, disengage the safety lock by pushing it to the side.
- To power off and prevent accidental starts, engage the safety lock by pushing it to the center position.

Forward/Reverse & Safety Lock **One-Touch**

Customize power and precise control by quickly switch and adjusting variable speeds



Figure 4.1: Forward/Reverse switch and safety lock mechanism.

4.2 Forward/Reverse Operation

- The switch above the trigger controls the direction of rotation.
- Push the switch to the left for forward rotation (tightening nuts).
- Push the switch to the right for reverse rotation (removing nuts).

- Ensure the tool is stopped before changing direction.

4.3 Variable Speed Control

- The trigger provides variable speed control. Apply gentle pressure for lower speeds and increased pressure for higher speeds.
- The tool also features two adjustable speed settings (High and Low) which can be selected via a button on the tool.
 - **High Mode:** Up to 3000 RPM for demanding tasks.
 - **Low Mode:** Up to 2200 RPM for precision work.

2 Adjustable Settings

Quickly meet various work needs with optimal performance



Figure 4.2: Speed selection and power display.

4.4 Advanced Intelligent Brake

When operating in reverse mode, the intelligent brake system will rapidly stop the rotation once the fastener is loose, preventing it from falling off. This feature enhances safety and efficiency, especially when working in tight spaces.

Advanced Intelligent Brake

Rapid response to make sure the nut will not fall to the floor easily when reverse mode



Figure 4.3: Intelligent Brake in action, securing fasteners during removal.

4.5 Using the LED Light

The built-in LED light automatically illuminates when the trigger is pressed, providing visibility in dimly lit work areas. This eliminates the need for additional lighting.

Power Display & LED Lighting

Built in LED Light perfect for use in dark work areas Power display panel updates the battery level in real time



Figure 4.4: Built-in LED light for enhanced visibility.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your KIMO Impact Wrench.

5.1 Cleaning

- Always disconnect the battery before cleaning.
- Use a soft, damp cloth to wipe down the tool. Do not use harsh chemicals or abrasive cleaners.
- Keep ventilation openings clear of dust and debris to ensure proper cooling.

5.2 Battery Care and Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for extended periods. Recharge them periodically if not in use.
- Avoid dropping or physically damaging the battery pack.

5.3 General Storage

- Store the impact wrench and its accessories in a clean, dry, and secure location, out of reach of children.
- Protect the tool from moisture and dust.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly installed. Safety lock engaged.	Ensure battery is fully charged and correctly installed. Disengage the safety lock.
Reduced power or intermittent operation.	Low battery charge. Overheating. Loose battery connection.	Recharge battery. Allow tool to cool down. Re-seat the battery firmly.
Accessory (socket/bit) falls out.	Improper installation of accessory or converter. Worn anvil/converter.	Ensure accessory is fully seated and locked. Inspect anvil/converter for wear; replace if necessary.
LED light not working.	Faulty LED.	Contact KIMO customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	3603
Brand	KIMO
Voltage	20 Volts
Max Torque	550 N.m (406 ft-lbs)
No-Load Speed	Up to 3000 RPM (High Mode), Up to 2200 RPM (Low Mode)
Drive Size	1/2 inch Square Drive
Battery Capacity	4.0Ah Lithium Ion
Charging Time	Approx. 1 hour

Feature	Detail
Motor Type	Brushless
Item Weight	6.23 pounds (with battery)
Material	Metal
UPC	731029233222



Figure 7.1: Torque capabilities for different tasks including tightening screws, shelf installation, tire disassembly, and industrial applications.

8. WARRANTY AND SUPPORT

KIMO products are manufactured to high-quality standards and are warranted against defects in materials and workmanship. For specific warranty details, please refer to the warranty card included with your product or visit the official

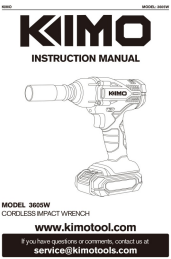
KIMO website.

If you encounter any issues or have questions regarding your KIMO 1/2-inch Cordless Impact Wrench, please contact KIMO Customer Support:

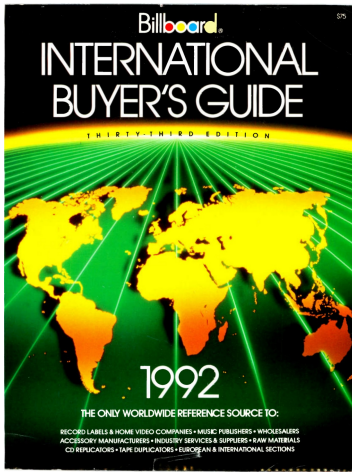
- **Website:** Visit the [KIMO Store on Amazon](#)
- **Email/Phone:** Refer to your product packaging or the KIMO website for the most current contact information.



Related Documents - 3603

 KIMO INSTRUCTION MANUAL MODEL: 20V 2.0Ah Lithium-Ion Battery Please Contact Us By: - Email: service@kimotools.com - Website: www.kimotool.com - Hotline: +1 833 303 1997 - WhatsApp: +86 189 3805 9242 www.kimotool.com	KIMO 20V 2.0Ah Lithium-Ion Battery Instruction Manual 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.
 KIMO INSTRUCTION MANUAL MODEL: 13811T 20V MAX CORDLESS DRILL DRIVER Please Contact Us By: - Email: service@kimotools.com - Website: www.kimotool.com - Hotline: +1 833 303 1997 or +86 189 3805 9242 - WhatsApp: +86 189 3805 9242 www.kimotool.com	KIMO 13811T 20V MAX Cordless Drill Driver Instruction Manual Comprehensive instruction manual for the KIMO 13811T 20V MAX Cordless Drill Driver, detailing safety guidelines, operational procedures, component identification, specifications, troubleshooting, maintenance, and warranty information.
 KIMO INSTRUCTION MANUAL MODEL: 3605W CORDLESS IMPACT WRENCH www.kimotool.com If you have questions or comments, contact us at service@kimotools.com	KIMO 3605W Cordless Impact Wrench Instruction Manual Comprehensive instruction manual for the KIMO 3605W Cordless Impact Wrench, covering safety guidelines, operation, maintenance, and troubleshooting.
 KIMO INSTRUCTION MANUAL MODEL: 3302L 12V EXTENDED RATCHET WRENCH www.kimotool.com If you have questions or comments, contact us at service@kimotools.com	KIMO 3302L 12V Extended Ratchet Wrench Instruction Manual 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.

	KIMO HD 110 Thermo-Hygrometer User Manual User manual for the KIMO HD 110 Thermo-Hygrometer, detailing its features, technical specifications, and operating instructions for measuring temperature and humidity.
	KIMO 20-Volt Lithium-ion Cordless Leaf Blower/Sweeper/Vacuum Instruction Manual 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.



[Billboard International Buyer's Guide 1992](#)

The 1992 Billboard International Buyer's Guide is a comprehensive directory for the music and home video industries, listing record labels, music publishers, home video companies, and industry services and suppliers worldwide. It includes contact information, key personnel, and label details for businesses in the music and entertainment sectors.

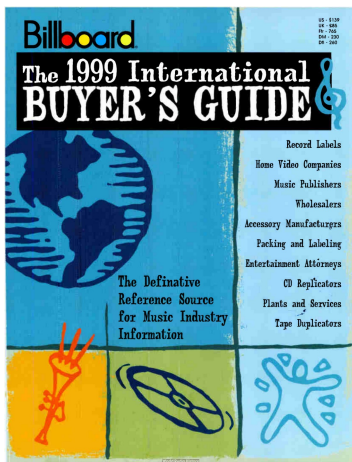
lang:en score:16 filesize: 29.26 M page_count: 317 document date: 2019-07-11



[Billboard International Buyer's Guide 1997: Global Music & Video Industry Directory](#)

Explore the 1997 Billboard International Buyer's Guide, a definitive resource for the music and video industries. Find listings for record labels, publishers, distributors, manufacturers, and service providers worldwide, essential for industry professionals.

lang:en score:16 filesize: 17.17 M page_count: 274 document date: 2022-02-16



[Billboard 1999 International Buyer's Guide: The Definitive Reference for Music Industry Information](#)

The 1999 International Buyer's Guide from Billboard provides a comprehensive listing of companies, record labels, music publishers, wholesalers, manufacturers, entertainment attorneys, and other essential service providers within the global music industry.

lang:en score:16 filesize: 19.36 M page_count: 274 document date: 2022-03-02



[Billboard International Talent & Touring Guide 2008: Artist, Manager, and Venue Directory](#)

The 2008 Billboard International Talent & Touring Guide is a comprehensive directory for music industry professionals, featuring listings of artists, managers, agents, promoters, venues, and touring services worldwide. Published by Billboard, a Nielsen company.

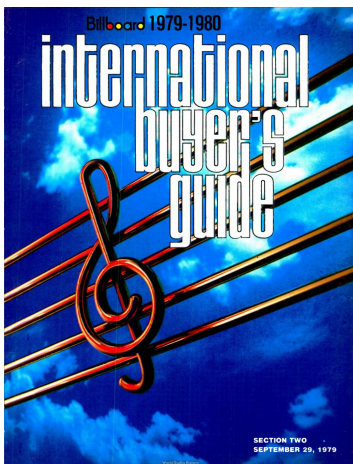
lang:en **score:16** filesize: 20.19 M page_count: 236 document date: 2021-02-26



[Billboard 1979-1980 International Buyer's Guide: Music Industry Directory](#)

A comprehensive guide to the international music industry for 1979-1980, featuring listings of record companies, publishers, wholesalers, services, sales analysis, and historical industry trends from Billboard magazine.

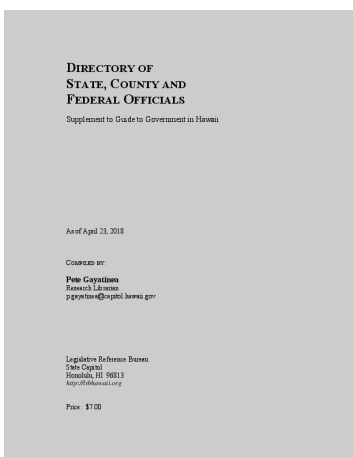
lang:en **score:15** filesize: 35.35 M page_count: 478 document date: 2024-01-30



[Billboard 1979-1980 International Buyer's Guide: Music Industry Directory & Market Data](#)

The Billboard 1979-1980 International Buyer's Guide is a comprehensive directory and market analysis resource for the global music industry, featuring extensive listings of record companies, publishers, wholesalers, and detailed sales data from the period.

lang:en **score:15** filesize: 59.69 M page_count: 412 document date: 2024-06-25



[\[pdf\] Guide Catalog](#)

DIRECTORY OF STATE COUNTY AND FEDERAL OFFICIALS Hawaii directory officials 2018 Legislative Reference Bureau Dec 31 2019 · 873 3502 Trails and Access Specialist Torrie Nohara supplement to guide government in hawaii 4pro cdn 597d7b |||

DIRECTORY OF STATE, COUNTY AND FEDERAL OFFICIALS Supplement to Guide to Government in Hawaii As of A ... k

Ariyoshi..... 541-2832 FAX: 541-**3603**

EQUAL EMPLOYMENT OPPORTUNITY COMMISSION <http://www.eeoc.gov>

Honolulu Office 300 Ala Moana Blvd....

lang:en **score:13** filesize: 1.96 M page_count: 202 document date: 2018-05-31

[List of Inactive Accounts as of 30/06/2025 - Guaranty Trust Bank CI SA](#)

Guaranty Trust Bank CI SA (GTCO) publishes a comprehensive list of inactive bank accounts as of June 30, 2025, detailing account numbers, holder names, and nationalities, in accordance with regulatory instructions.

lang:i-klngon **score:10** filesize: 1.5 M page_count: 29 document date: 2025-07-14



