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VIGRUE 4V-2000mAh

VIGRUE Cordless Screwdriver User Manual

Model: 4V-2000mAh

INTRODUCTION

Thank you for choosing the VIGRUE Cordless Screwdriver. This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.

SAFETY INFORMATION

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

- Keep the work area clean and well-lit.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.
- Avoid accidental starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- Use the correct tool for your application. Do not force the tool.
- Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing power tools.

PACKAGE CONTENTS

Your VIGRUE Cordless Screwdriver package includes the following items:

- 1 x VIGRUE Cordless Screwdriver
- 2 x Drill Bits
- 32 x Driver Bits
- 1 x Bit Holder
- 8 x Sockets

- 1 x Socket Connector
- 1 x Flexible Shaft
- 1 x Customized Storage Case
- 1 x AC-DC Adapter (Charger)



Image: The VIGRUE Cordless Screwdriver kit, showcasing the screwdriver, various bits, sockets, flexible shaft, charger, and the organized storage case.

PRODUCT OVERVIEW

Familiarize yourself with the main components of your VIGRUE Cordless Screwdriver:

Cordless Screwdriver

Save Those Tired Hands



7 Torque



Battery Indicator



Deformation



Double LED



Screw In/out

Image: A detailed diagram of the VIGRUE Cordless Screwdriver highlighting its key features: 1. 7 Torque Settings, 2. Battery Indicator, 3. Handle Deformation (90° rotation), 4. Double LED Lights (Trigger and Base), 5. Screw In/Out (Forward/Reverse) switch, and 6. Tool Socket.

1. **Torque Setting Ring (1):** Adjusts the torque output for different applications.
2. **Battery Indicator (2):** Displays the current battery charge level.
3. **Handle Transformation Button (3):** Allows the handle to pivot 90 degrees for straight or pistol grip.
4. **Dual LED Lights (4):** Includes a trigger light for the work area and a base light for general illumination.
5. **Forward/Reverse Switch (5):** Controls the direction of rotation for screwing in or out.
6. **ON/OFF Switch:** Activates the screwdriver.
7. **Tool Socket (6):** Where bits and accessories are inserted.

Charging the Battery

The screwdriver is powered by a 4V Lithium Ion battery. Before first use, fully charge the battery. The battery indicator lights will show the charging status:

- **Green Light:** Full Electricity (100%)
- **Yellow Light:** Less Than 70% Electricity (45%~70%)
- **Red Light:** Needs Charging (<45%)

Inserting/Changing Bits

1. Ensure the screwdriver is turned off and the forward/reverse switch is in the locked (middle) position.
2. Pull the chuck collar forward to open the bit holder.
3. Insert the desired 1/4-inch hex shank bit (driver bit, drill bit, or socket adapter) firmly into the chuck. Ensure the brass collet is correctly seated inside the chuck if using certain drill bits or adapters.
4. Release the chuck collar to secure the bit. Pull on the bit to ensure it is properly locked in place.

OPERATING INSTRUCTIONS

Adjusting Torque Settings

The screwdriver features 7 torque settings, ranging from 1 Nm to 4 Nm. Rotate the torque setting ring at the front of the tool to select the desired torque level. Lower settings are for delicate tasks to prevent overtightening or stripping, while higher settings provide more power for tougher applications.

Work Easily in Tight Spaces

2-Position Pivoting Handle



Image: The screwdriver's torque setting ring, illustrating how to adjust torque from 1 to MAX, and showing the forward (screw in) and reverse (screw out) actions.

Forward and Reverse Rotation

Use the forward/reverse switch located above the trigger to select the rotation direction:

- Push the switch to the **left** for forward rotation (screwing in).
- Push the switch to the **right** for reverse rotation (screwing out).
- Set the switch to the **middle** position to lock the trigger and prevent accidental operation.

2-Position Handle Transformation

The ergonomic handle can be transformed from a pistol grip to a straight grip for working in tight spaces. Press the button located on the top of the handle and pivot the handle 90 degrees until it locks into the desired position.

Easy to See in Dimly Lit Areas

Handy Trigger Light and Base Light



Trigger Light



Base Light

Image: The screwdriver demonstrating its 2-position pivoting handle, allowing it to be used in a pistol grip or straight configuration for accessing confined areas.

Using the LED Lights

The screwdriver is equipped with two LED lights for improved visibility:

- The **Front LED light** illuminates the immediate work area when the trigger is pressed.
- The **Base LED light** (flashlight) can be activated independently by pressing the ON/OFF switch button for the flashlight, located at the base of the handle. This is useful for general illumination or finding screws in dark corners.

Meet All Your Daily Needs

4 Accessories for Your Choice



Driver bit



Drill bit



Socket



Flexible shaft

Image: The screwdriver in use, demonstrating the illumination provided by both the trigger-activated work light and the independent base flashlight, useful for dimly lit areas.

Accessory Usage

The VIGRUE Cordless Screwdriver comes with a variety of accessories for different tasks:

- **Driver Bits:** For driving and removing various types of screws.
- **Drill Bits:** For drilling small holes in wood or soft materials.
- **Sockets and Socket Connector:** Used for tightening or loosening nuts.
- **Flexible Shaft:** Provides access to screws in hard-to-reach or awkward angles.

MAINTENANCE

- **Cleaning:** Regularly wipe the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive

cleaners.

- **Storage:** Store the screwdriver and its accessories in the provided customized storage case in a dry, cool place, away from direct sunlight and moisture.
- **Battery Care:** For optimal battery life, avoid completely draining the battery before recharging. If storing for extended periods, charge the battery to approximately 50% every few months.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Bit not tightening in chuck / Bit spins freely	Ensure the chuck collar is fully released after inserting the bit. For certain drill bits or adapters, ensure the small brass collet is correctly placed <i>inside</i> the chuck before inserting the bit.
Screwdriver does not turn on	Check the battery indicator; the battery may need charging. Ensure the forward/reverse switch is not in the locked (middle) position.
Screwdriver lacks power	The battery may be low; recharge it. Ensure the correct torque setting is selected for the task. This model operates at a single speed, with torque adjusted via the collar.

SPECIFICATIONS

Feature	Detail
Brand	VIGRUE
Model Name	Cordless Screwdriver
Item Model Number	4V-2000mAh
Part Number	DDLS036-229
Power Source	Battery Powered
Voltage	4 Volts
Torque	3.5 Newton Meters (Adjustable)
Item Weight	3 Pounds
Product Dimensions	9.45 x 1.18 x 1.18 inches
Batteries	1 Lithium Ion battery (included)
Included Components	48-piece set (2 drill bits, 32 driver bits, 1 bit holder, 8 sockets, 1 socket connector, 1 flexible shaft)
Special Features	Adjustable Torque, Cordless, Rechargeable, 2-Position Handle, Flexible Shaft, LED Light, Magnetic Tip

WARRANTY & SUPPORT

Your VIGRUE Cordless Screwdriver comes with a **3-year warranty** from the date of purchase, covering manufacturing defects and workmanship. Please retain your proof of purchase for warranty claims. For technical support, warranty service, or any questions regarding your product, please contact VIGRUE customer service through the retailer's platform or visit the official VIGRUE store online. Refer to the product packaging or purchase details for specific contact information.