MOVA



Electric Precision Screwdriver Kit Instruction Manual

MSD002

The illustrations in this manual are for reference only.
Please refer to the actual product for accuracy.

1 Safety Information

1.1 General Safety Warnings

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. The term "power tool" in the warnings refers to your battery-operated (cordless) power tool.

Work Area Safety

- Keep the 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 dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

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 the risk of electric shock.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep the cord away from heat, oil, sharp edges, or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of electric shock.
- Hold the power tool by insulated gripping surfaces when performing an operation where the fastener may contact hidden wiring or its own cord. Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Note: The term residual current device (RCD) may be replaced by the term ground fault circuit interrupter (GFCI) or earth leakage circuit breaker (ELCB).

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
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing

protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to a power source and/or battery pack, picking up or carrying the tool.
- Carrying power tools with your finger on the switch or energizing power tools with the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewellery, or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. The use of dust collection can reduce dust-related hazards.

Power 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.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow people unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories, tool bits, etc., in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

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.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

- When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may leak from the battery; avoid contact.
- If contact occurs, rinse immediately with water. If the liquid gets into the eyes, seek medical attention immediately. Liquid leaked from the battery may cause irritation or burns.

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure the safety of the power tool.

Save all warnings and instructions for future reference.

1.2 Specific Safety Instructions

Cordless Screwdriver

- Keep screwdriver bits and drill bits sharp and in good condition. This will reduce the load on the machine and ensure a longer life of the machine.
- Use only screwdriver bits and drill bits recommended by the manufacturer.
- Do not attempt to modify the machine or its accessories in any way.
- Do not force the machine and let the machine do the work. This will reduce the wear on the machine and cutter and increase its efficiency and operating life.

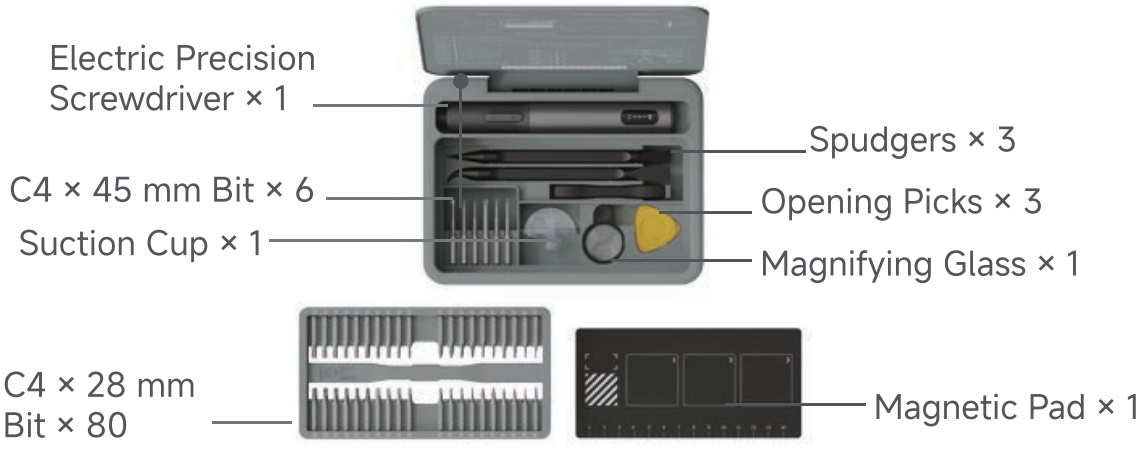
Re-chargeable Batteries

- Batteries may leak or explode if not handled correctly. Always observe the following precautions when handling batteries.
- Do not use this battery in this product for any other purpose.
- Do not attempt to dismantle the product.
- Do not immerse in or expose the product to water.
- Batteries are prone to leakage when discharged. To avoid damage to the product,
  recharge the battery when no charge remains.
- Store the product in a cool place when not in use.
- After prolonged use, the battery in this product may become hot. Switch the machine off and allow the battery to cool down.
- Do not use the product if you notice any discoloration or distortion of the casing.
- Do not dispose of the product through incineration or in the domestic waste system. Take the product to an approved recycling or disposal facility.
- Avoid charging your tool in freezing conditions, as charging power will not be sufficient.

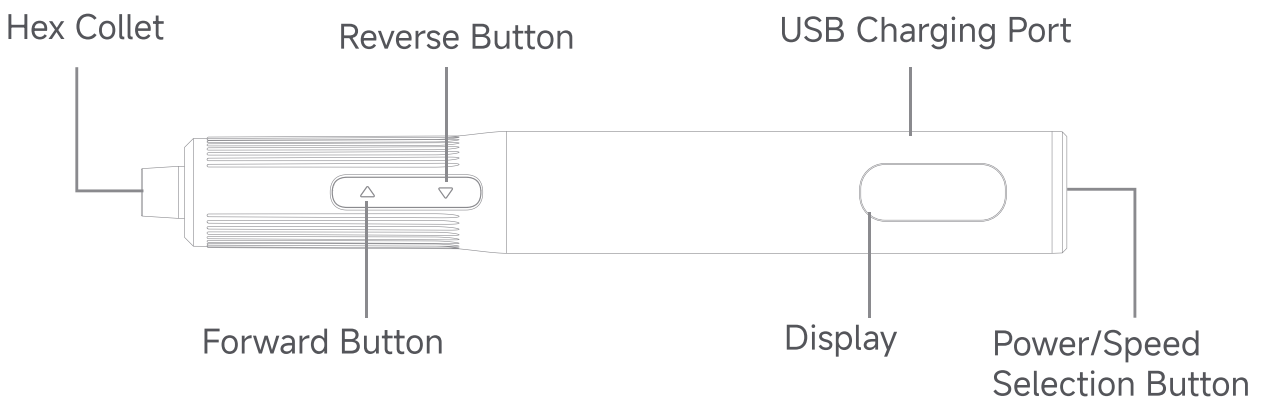
1.3 Symbols

CE	This product conforms to relevant safety standards.
	To reduce the risk of injury, the user must read the instruction manual.
	Do not dispose of old appliances with domestic rubbish.
Li-Ion	Separate collection symbol - Battery with heavy metal element "**Li-ion**".

2 Components



USB Charging Cable × 1
Instruction Manual × 1



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Scan the QR code to view
the product tutorial and
electronic manual

Manufacturer: Woting Technology (Suzhou) Co., Ltd.
Address: Floor 9, Building B, No. 7 Qianzhu Road, Taihu Lake Street,
Wuzhong District, Suzhou, Jiangsu Province, P.R.China

3 Preparations

The screwdriver is designed for driving and loosening screws within the specified size range.

1. Ensure a Safe Environment

- Before driving fasteners, inspect behind walls for hidden hazards such as electrical wiring or pipes.
- Clear the work area of loose parts, debris, or any objects that could become airborne and cause injury.
- It is recommended to clamp the workpiece securely in a vise or use appropriate fixtures.

2. Charging

WARNING: Do not use the screwdriver while it is connected to the USB cable.
Note: Prior to initial use, the battery must be charged for 5 hours to fully utilize the battery capacity.
Note: Charge in a dry, ventilated area between 10 °C – 40 °C.
a. Connect the supplied USB cable to a compatible charger (not included), and plug the charger into a power outlet.
b. Unplug the charger and disconnect the charging cable from the screwdriver. The screwdriver is ready for use.

Battery Status on the Display

Status	Meaning
Blinking Green	Charging in progress
Steady Green	Fully charged
Blinking Red	Low battery

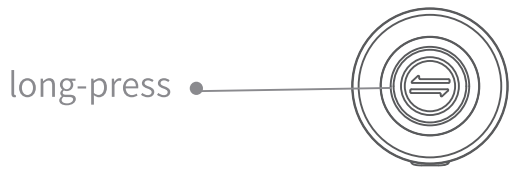
4 Operations

1. Insert or Remove the Bit

To insert: Push the bit straight into the magnetic collet until it is fully seated.
To remove: Pull the bit straight out.

2. Power on/off

WARNING: Disconnect the charging cable before operation. Never use the device while charging, as this may cause safety hazards or equipment damage.
Long-press the power/speed selection button for 3 seconds to power on or off. The display will light up or turn off accordingly.



3. Gear Selection

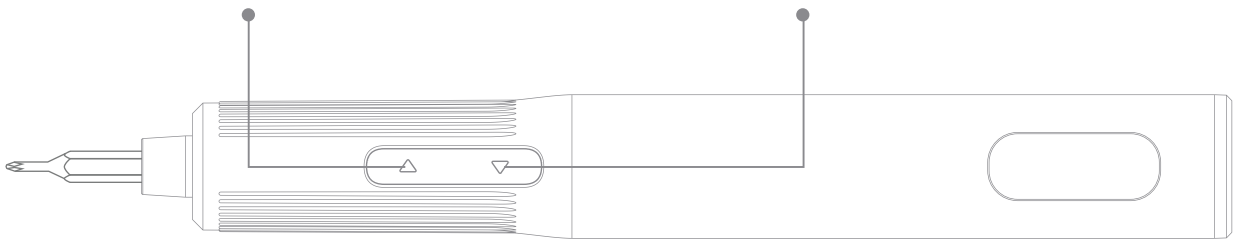
The rotation speed can be adjusted by short-pressing the power/speed selection button to cycle through the three available gears. The digital display will indicate the currently selected gear.
1st Gear: 75 r/min
2nd Gear: 140 r/min
3rd Gear: 230 r/min



Note: Actual speed may vary by ±10%.

4. Forward/Reverse

Forward: Press ▶ to screw in. Reverse: Press ◀ to screw out.



5 Specifications

Product name	Electric Precision Screwdriver Kit
Product model	MSD002
Product weight	700 g
Dimensions	Product dimensions: 184 mm x 136 mm x 35 mm
	Screwdriver dimensions: 155 mm (L) × 21 mm (Ø)
	Bits: C4 × 45 mm; C4 × 28 mm
Maximum electric torque	0.4 N·m
Maximum manual torque	20 N·m
Rated input	5V⎓1A
Rated voltage	3.7V DC
Battery capacity	650 mAh
No-load speed	230 r/min
Packing list	Screwdriver × 1, Spudgers × 3, Opening picks × 3, Suction cup × 1, Magnifying glass × 1, C4 × 45 mm Bit × 6, Magnetic pad × 1, C4 × 28 mm Bit × 80, Charging cable × 1, Manual × 1
Bits model	C4 × 28 mm Bit × 80
Bits material	S2 steel
Phillips	PH0000/PH000/PH00/PH0/PH1/PH2
Slotted	SL1.0/SL1.5/SL2.0/SL2.0/SL2.5/SL3.0/SL3.5/SL4.0
Hexagon	H0.7/H0.9/H1.0/H1.3/H1.5/H2.0/H2.5/H3.0
Torx	T2/T3/T4/T5/T6/T7/T8/T9/T10/T15/T20
Security torx	T5H/T6H/T7H/T8H/T9H/T10H/T15H/T20H
Five-star	P0.8/P0.8/P1.2/P1.5
Y-shaped	Y0.6/Y1.0/Y1.5/Y2.0/Y2.3/Y3.0
Triangle	2/2.3/2.5/2.7/3
U-Shaped	U2.0/U2.6/U3.0/U4.0/U6
S-Type	S0/S1/S2
O-Type	0.8/1
Pozidriv	PZ000/PZ00/PZ0/PZ1/PZ2/PZ2.5
Bits model	C4 × 45 mm Bit × 6
Phillips	PH0/PH1
Hexagon	H2.0
Slotted	SL2.0
Security torx	T8H/T10H

6 Maintenance

Maintenance Requirements
This tool requires no routine mechanical or electrical maintenance. However, repairs to internal components must be performed by a qualified specialist.

Cleaning Instructions
Clean plastic parts with a soft, damp cloth and a small amount of mild soap. Contact after-sales support for thorough cleaning.

Important:
- Never immerse the tool or charger in water.
- Avoid detergents, alcohol, solvents, or abrasive cleaners.

Disposal

CAUTION: Batteries/rechargeable batteries must not be disposed of with household waste!

- **Please return any electrical equipment that you will no longer use to the collection points provided for their disposal.**
  This helps avoid the potential effects of incorrect disposal on the environment and human health.
  This will contribute to the recycling and other forms of reutilisation of electrical and electronic equipment.
- **Information concerning where the equipment can be disposed of can be obtained from your local authority.**
  Your town or local authority can provide information about public collection points. This symbol can be found on batteries/rechargeable batteries which contain hazardous:



Pb = contains lead
Cd = contains cadmium
Hg = contains mercury
Li = contains lithium

Disclaimers

- The manufacturer is not liable for damages resulting from misuse or alteration.
- Specifications and manual content are subject to change without notice. For questions, contact our support.

After-Sales Service Card

Warranty

1. The product is warranted for 1 year from the date of purchase. Please refer to your local laws and regulations for the specific warranty period applicable in your area.
2. During the warranty period, if any non-human-induced quality issues occur, the product is eligible for free repair or replacement after confirmation by our company.
3. The warranty does not cover any of the following:
   - Product failures or damages caused by the consumer due to improper use (not following the 'Safety Information' and 'Cautions' in the product manual), maintenance, or storage (including operational errors, liquid ingress, incorrect plugging/unplugging, scratches, handling, bumps, inputting inappropriate voltage, inhaling white ash, sand, dust, special adhesive chemicals, metal, and other micro-particles, etc.);
   - The whole machine and accessories have exceeded the free warranty period;
   - Normal wear and tear, and consumable parts (such as scratches on the shell);
   - Damage caused by disassembly by oneself or by non-MOVA authorized service centers;
   - No valid proof and valid invoice or invoice copy;
   - The model and product attributes on the proof do not match the model attributes of the repaired product or have been altered;
   - Damage caused by natural disasters, accidents, or other irresistible forces.
4. For more warranty information, please refer to the official MOVA website: https://www.mova.tech/

CONTACT US
https://www.mova.tech/pages/contact-us