



Mini Cordless Rotary Tool

Operator's Manual



Thank you for purchasing this product. To ensure proper use and trouble-free operation, please read this guide carefully before operating. If there is any issue, please contact us via Amazon or email:

hardell.service@gmail.com, we will help you within 12 hours.

Product Descriptions

Specification

Rechargeable battery: 4V Li-ion 1500mAh

Charging voltage: USB 5V DC

Charging cord: Micro USB cord

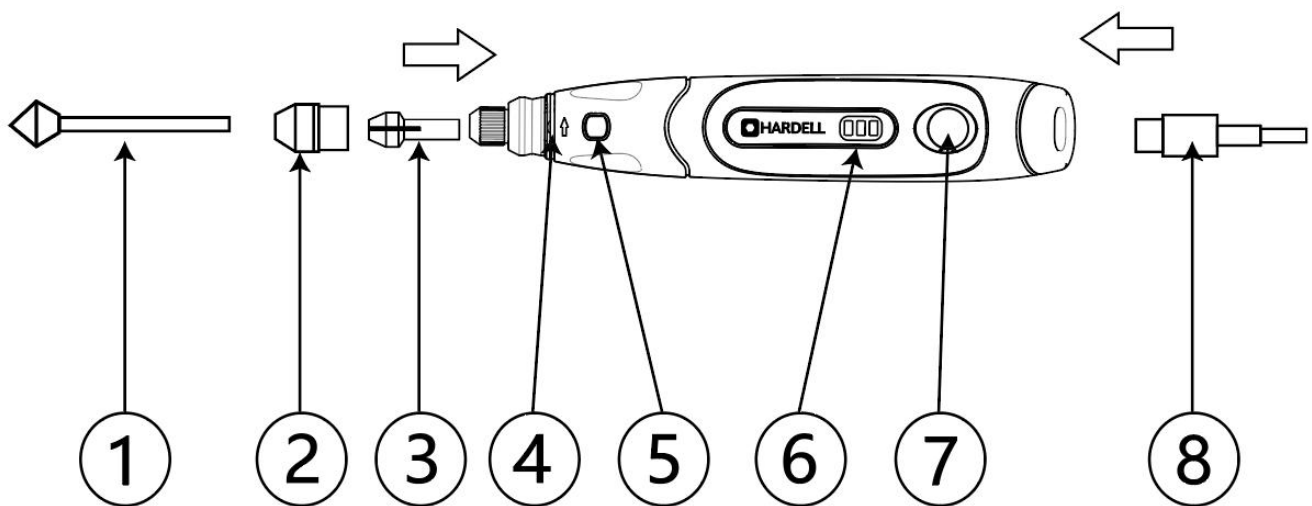
Battery charging time: 2- 3hours(Fully charged, the indicator light turns green)

Maximum disc diameter: $\varnothing 3.2\text{mm}$ (1/8")

No load speed: 5000(I)/12000(II)/18000(III)RPM

Collet size: $\varnothing 3.2\text{mm}$ (1/8")

Weight: 0. 14kg (0.31 lb) (tool only)



- 1. Accessory
- 2. Locking Collar
- 3. Collet
- 4. LED Working Light
- 5. Spindle Lock Button
- 6. Speed Indicator
- 7. Speed Control Button
- 8. Micro USB Wire

Package Includes

74pcs accessories with clear box

5pcs Grinding wheel with shank($\varnothing 3.2\text{mm}$)	12pcs Sanding band
6pcs Diamond bits($\varnothing 3.2\text{mm}$)	1pc Sanding shank($\varnothing 3.2\text{mm}$)

2pc Wool polishing wheel(ø3.2mm)	1pc HSS drill bits
1pc Brush(ø3.2mm)	2pcs Rubber grinding wheel& shank
2pc HSS cutter	1pc Collet: ø3.2mm (1/8")
2pc Mandrel(ø3.2mm)	1pc USB cable
30pcs Sanding paper	1pc Wrench
6pcs Felt wheels	1pc 4v Rotary Tool

About charging

Connect the power supply (DC5V), Insert Micro USB into the machine.

Blue light=charging **Green light=Charging completed**

Charger will automatically stop charging the battery when charging is completed. It is ok to leave tool on charger continually

NOTE! A battery pack that has been unused for a while or never been charged must be charged before reuse or first use.

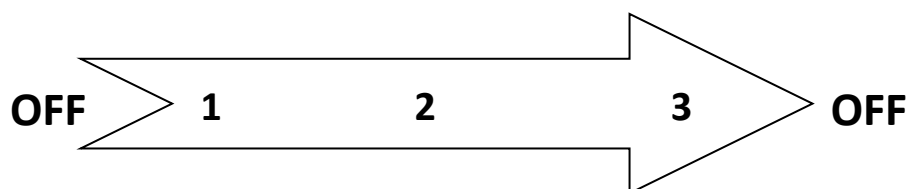
CAUTION! Do not charge a battery for a second time in close succession. There is a danger of overcharging the battery pack.

About the switch

Switching on and off / Setting the speed range:

Set the On/ Off switch

Press the speed control between 1 and 3



On any speed setting, if press switch 2 seconds directly, the tool will tum off.

Installing or changing the accessory

Note! Turn the tool off and ensure that the rotating part is stopped before taking next step.

1. Press down the spindle lock button and turn the chuck until the button is fully engaged in, then unscrew the locking collar.
2. After the locking collar is loose, remove the collet, insert or change an accessory you want into the collet.
3. Press down the spindle lock button again and screw the locking collar until the collet firmly tightens the accessory rod.
4. Finally, release the spindle lock button and ready to use.
5. Advise: uninstall to take off the accessory when finish work and always use tissue to take the accessory for protecting your hand.

Widely Application

Accessories	Functions and Usage Scenarios
Sanding bands & shank	Use to grind pet nail or work-pieces made of Metal, wood, stone and plastic. Need to assemble them together before use.
Sanding paper	Use for detail sanding or polishing work-pieces made of metal, wood, stone and plastic. Need to assemble it on the mandrels with screw before use.
Grinding stones	Use for surface treatment of metal parts, cast-metal parts, welding seams and for the removal of rust. Different shapes are available.
Diamond bits	For fine detail work, engraving, carving, touch-up and finishing. Use on wood, jade, ceramic, glass, hardened steel, semi precious stones and other hard materials. Bits are covered with diamond particles.

Multipurpose cutting bit	Ideal for shaping, hollowing, grooving, slotting, inlaying and making tapered holes in soft metals, plastics and woods especially on curved surfaces.
Drill bits	Use for drilling holes in work-pieces made of plastic, wood or stone.
Wool polishing and felt wheel	Use to polish work-pieces made of metal and plastic. Need to assemble the felt wheel on the mandrels with threaded head before use.
Rubber wheel with shank	Polishing for various , metal, iron, jade, agate, glass, stone and pet nail etc.
Bristle brush	For work-pieces cleaning.

ATTENTION: Not for Heavy-duty Projects !!!

Safety instructions

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.

Save all warnings and instructions for future reference.

1. Before using the tool, ensure that it is ready and safe to use!
2. Do not use in wet condition and environment.
3. Never use the tool near to flammable gas or liquids.
4. Do not force to operate the device when it slows down or stops tum it of and finish the work process.
5. Wear glasses while using the tool.
6. Do not touch the drill/grinding tip during operation(even if it is in low speed). because it can cause injury!
7. Keep this product away from children.
8. Use this power tool and accessories following the instructions.

Cleaning

Always pull out the mains power plug before starting any cleaning work.

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible.
- Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device.

Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

FCC Statement (For US/CA market only)

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Warranty

The product supports a 1-year warranty from the date of purchase. This warranty does not apply to products that have been lost, altered, broken, or damaged by misuse or failure to follow the instruction provided with the product. Never try to repair the product by yourself. For any inquiries concerning our products, please contact our after-sales team via hardell.service@gmail.com, we are free to help you solve your problem anytime.