

PULITUO DC7720S

PULITUO 20V Cordless Drill/Driver Instruction Manual

Model: DC7720S

1. 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer service.

- 1 x PULITUO 20V Cordless Drill/Driver (Model: DC7720S)
- 2 x 1.5 Ah Lithium-Ion Batteries
- 1 x Battery Charger
- 4 x Wood Drill Bits (4mm, 5mm, 6mm, 8mm)
- 4 x Twist Drill Bits (4mm, 5mm, 6mm, 8mm)
- 1 x Extension Bar
- 1 x Flexible Shaft
- 10 x Short Screwdriver Bits
- 10 x Long Screwdriver Bits

- 1 x Screw Anchor Set



Image: Contents of the PULITUO 20V Cordless Drill/Driver kit, including the drill, two batteries, charger, and various bits and accessories.

3. SETUP

3.1 Charging the Battery

1. Ensure the battery is securely inserted into the charger.
2. Plug the charger into a standard electrical outlet.
3. The indicator light on the charger will show the charging status. Charge until fully indicated.
4. Disconnect the charger from the outlet and remove the battery once charging is complete.

Dual Battery for Extended Runtime

1500mAh



Over voltage protection



Over temperature protection



Over load protection



Over charge protection



Over discharge protection

Image: A 20V Lithium-Ion battery for the PULITUO drill, showing its design and connection points.

3.2 Installing/Removing Battery

1. To install: Align the battery with the base of the drill and slide it in until it clicks into place.
2. To remove: Press the release button on the battery and slide it out from the drill.

3.3 Installing/Removing Drill Bits

1. Rotate the chuck counter-clockwise to open the jaws.
2. Insert the desired drill bit or screwdriver bit into the chuck.
3. Rotate the chuck clockwise to tighten the jaws securely around the bit.
4. To remove: Rotate the chuck counter-clockwise to loosen and pull out the bit.



Image: Close-up of the PULITUO 20V Cordless Drill/Driver, highlighting the 3/8" keyless chuck and other features.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Variable Speed

- To turn on, press the variable speed switch. The speed increases with more pressure.
- To turn off, release the variable speed switch.
- The integrated LED light illuminates the work area when the trigger is pressed.

4.2 Forward/Reverse Switch

- Push the switch to the left for forward rotation (drilling/driving screws in).
- Push the switch to the right for reverse rotation (removing screws).
- Ensure the switch is in the center position to lock the trigger and prevent accidental startup.

4.3 Speed Settings (0-400 RPM / 0-1500 RPM)

The drill features two-speed settings for different applications:

- **Low Speed (0-400 RPM):** Ideal for driving screws and working with softer materials where more torque and less speed are required.

- **High Speed (0-1500 RPM):** Suitable for drilling into harder materials like wood or metal, requiring higher rotational speed.



Image: Diagram illustrating the two-speed settings of the PULITUO 20V Cordless Drill/Driver, recommending low speed for screwdriving and high speed for drilling.

4.4 Torque Adjustment (21+1 Settings)

The torque collar allows you to adjust the amount of rotational force applied by the drill. This prevents over-tightening screws and damaging materials.

1. Rotate the torque collar to select the desired setting from 1 to 21. Lower numbers are for smaller screws and softer materials, higher numbers for larger screws and harder materials.
2. The drill icon setting is for drilling applications, providing maximum torque without clutch engagement.

21+1 TORQUE ADJUSTMENT



Screw Driving



Drill Wood



Drill Metal



Drilling



Screw Driving



Image: Visual representation of the 21+1 torque adjustment settings on the PULITUO 20V Cordless Drill/Driver, showing different applications like screw driving, drilling wood, and drilling metal.

4.5 Applications

This drill is suitable for various tasks including:

- Drilling into wood, metal, and plastic.
- Driving and removing screws.
- Assembling furniture.
- General home repairs and DIY projects.

Various Application



Image: Examples of various applications for the PULITUO 20V Cordless Drill/Driver, including drilling wood, screw driving, drilling metal, and drilling in corners.

5. MAINTENANCE

5.1 Cleaning

- Keep the ventilation slots of the power tool clean to prevent overheating.
- Use a soft, damp cloth to clean the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Regularly clean the chuck jaws to ensure proper grip on bits.

5.2 Storage

- Store the drill and accessories in a dry, secure place, away from direct sunlight and extreme temperatures.
- Ensure batteries are fully charged before long-term storage and recharge them periodically (every 3-6 months) to maintain battery health.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------------------|---|--|
| Drill does not start | Battery not charged or improperly inserted. | Charge the battery fully. Ensure battery is securely clicked into place. |
| Loss of power during operation | Battery low or discharged. | Recharge or replace the battery. |
| Bit slips in chuck | Chuck not tightened sufficiently or bit shank is dirty. | Tighten chuck firmly. Clean the bit shank before insertion. |
| Overheating | Blocked ventilation slots or continuous heavy use. | Clear ventilation slots. Allow the tool to cool down. Reduce load. |

7. SPECIFICATIONS

| Feature | Detail |
|--------------------|-----------------------------|
| Brand | PULITUO |
| Model Number | DC7720S |
| Voltage | 20 Volts |
| Battery Type | Lithium Ion |
| Battery Capacity | 1.5 Amp Hours (x2 included) |
| Max Torque | 30 N.m (266 Inch Pounds) |
| Torque Settings | 21+1 |
| No-Load Speed | 0-400 RPM / 0-1500 RPM |
| Chuck Size | 3/8" Keyless Chuck |
| Special Features | Lightweight, LED Work Light |
| Item Weight | 2.16 kg |
| Product Dimensions | 19.05 x 21.59 x 7.62 cm |

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official PULITUO website. Keep your proof of purchase for any warranty claims.