

Novipro PV18-4A

NOVIPro PV18-4A Cordless Drill Driver User Manual

Model: PV18-4A

1. INTRODUCTION

Thank you for choosing the NOVIPro PV18-4A Cordless Drill Driver. This powerful 18V tool is designed for drilling into steel, wood, and concrete, as well as for driving screws. It features a 4Ah battery, a 13mm keyless chuck, 24 torque settings, and an integrated LED light for improved visibility. Please read this manual carefully before operating the tool to ensure safe and efficient use.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Work Area Safety:** Keep your 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.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; avoid loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with power tools for which they are not designed.

3. PACKAGE CONTENTS

Your NOVIPro PV18-4A Cordless Drill Driver package includes the following items:

- NOVIPro PV18-4A Cordless Drill Driver

- 2 x 4Ah 18V Battery Packs
- Battery Charger (80-minute charge time)
- PH2 Screwdriver Bit
- User Manual
- Carrying Case



Image 1: NOVIPro PV18-4A Cordless Drill Driver with included battery and charger.

4. SETUP

4.1 Charging the Battery

1. Connect the battery charger to a standard power outlet.
2. Slide the 18V 4Ah battery pack onto the charger. Ensure it clicks into place.
3. The charger indicator light will show the charging status. A full charge takes approximately 80 minutes.
4. Once fully charged, remove the battery pack from the charger.

4.2 Installing/Removing the Battery Pack

- **To Install:** Align the battery pack with the base of the drill handle and slide it in until it locks securely.
- **To Remove:** Press the battery release button (usually located on the sides of the battery pack) and slide the battery pack out.

4.3 Installing/Removing Drill Bits or Screwdriver Bits



Image 2: Close-up of the NOVIPro PV18-4A drill driver's keyless chuck.

1. Ensure the drill is switched off and the battery pack is removed for safety.
2. Grip the rear collar of the 13mm keyless chuck firmly with one hand.
3. Rotate the front collar counter-clockwise to open the chuck jaws.
4. Insert the drill bit or screwdriver bit into the chuck, ensuring it is centered and inserted as far as possible.
5. Rotate the front collar clockwise to tighten the chuck jaws securely around the bit. Hand-tighten only.
6. **To Remove:** Reverse the tightening process by rotating the front collar counter-clockwise.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To turn the drill on, press the trigger switch. The speed is variable depending on how far the trigger is pressed.
- To turn the drill off, release the trigger switch.

5.2 Forward/Reverse Rotation

A forward/reverse selector switch is located above the trigger. Push it to the left for forward rotation (drilling/driving screws) and to the right for reverse rotation (removing screws).

5.3 Adjusting Torque Settings

The drill features 24 torque settings, plus a drill mode. Rotate the torque adjustment collar, located behind the chuck, to select the desired setting. Lower numbers are for driving small screws or working with soft materials, while higher numbers are for larger screws or harder materials. Select the drill symbol for drilling applications.

5.4 LED Work Light

The integrated LED light automatically illuminates the work area when the trigger is pressed, providing better visibility in dimly lit spaces.

5.5 Drilling Capacities

- **Steel:** Up to 13 mm
- **Wood:** Up to 45 mm
- **Concrete:** Up to 14 mm

6. MAINTENANCE

6.1 Cleaning

Regularly clean the ventilation openings of the tool to prevent overheating. Use a soft, damp cloth to wipe down the tool's exterior. Do not use harsh chemicals or abrasive cleaners.

6.2 Battery Care

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

6.3 Storage

When not in use, store the drill driver and its accessories in the provided carrying case, in a dry, secure location out of reach of children.

7. TROUBLESHOOTING

- **Tool not starting:** Ensure the battery is fully charged and properly inserted. Check the forward/reverse selector is not in the neutral (locked) position.
- **Reduced power/short battery life:** The battery may not be fully charged, or it may be nearing the end of its service life. Ensure the charger is functioning correctly.
- **Excessive vibration/noise:** Check that the drill bit or accessory is correctly installed and tightened in the

chuck. Ensure the bit is not damaged or bent.

- **Overheating:** Ensure the ventilation slots are clear of debris. Avoid continuous heavy-duty use without breaks.

If problems persist, contact customer support or a qualified service technician.

8. SPECIFICATIONS

Feature	Specification
Model Number	PV18-4A
Brand	NOVIPro
Voltage	18 Volts
Battery Capacity	4 Amp-hours (4Ah)
Max Torque	70 Newton-meters (Nm)
Torque Settings	24 positions
Chuck Type	Keyless
Max Chuck Size	13 mm
Drilling Capacity (Steel)	13 mm
Drilling Capacity (Wood)	45 mm
Drilling Capacity (Concrete)	14 mm
Weight (Item)	1.9 kg
Included Components	2 batteries, charger, PH2 bit, user manual
Special Feature	Integrated LED light

9. WARRANTY AND SUPPORT

The NOVIPro PV18-4A Cordless Drill Driver comes with a **2-year warranty** from the date of purchase, covering manufacturing defects. Additionally, spare parts availability is guaranteed for 2 years.

For warranty claims, technical assistance, or to inquire about spare parts, please refer to the contact information provided with your purchase documentation or visit the official NOVIPro website.