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Parkside PAT 20-Li A1

PARKSIDE PAT 20-Li A1 Cordless Stapler

User Manual

1. Important Safety Instructions

Always read and understand 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.

1.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep 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 the dust or fumes. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- **Electrical Safety:** This tool is battery-operated. 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.
- **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 mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **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. Disconnect 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 persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

1.2 Specific Stapler/Nailer Safety Warnings

- Always assume that the tool contains fasteners. Careless handling of the stapler/nailer can result in unexpected firing of fasteners and personal injury.
- Do not point the tool at yourself or anyone nearby. Unexpected actuation will discharge the fastener causing an injury.
- Do not actuate the tool unless the tool is placed firmly against the workpiece. If the tool is not in contact with the workpiece, the fastener might be deflected away from the workpiece.

- Disconnect the battery pack before clearing a jammed fastener, performing adjustments, or changing accessories.
- Only use fasteners specified for this tool.
- This tool is designed for use with the PARKSIDE X-20-V Team Series battery system.



Figure 1.1: Illustration indicating that the battery and charger are sold separately and are not included with the stapler.

2. Product Overview

The PARKSIDE PAT 20-Li A1 is a cordless stapler designed for various fastening tasks, offering comfortable one-handed operation and integrated features for efficiency.



Figure 2.1: Overall view of the PARKSIDE PAT 20-Li A1 Cordless Stapler with an X-20-V Team Series battery attached.

2.1 Components

1. Impact Force Adjustment Dial (Red, top)
2. Softgrip Handle
3. Trigger

4. Magazine Release Latch
5. Fastener Magazine
6. LED Work Light
7. Battery Port (for X-20-V Team Series battery)
8. Staple/Nail Type Indicators (Type 55 for 15-25mm staples, Type 47 for 15, 20, 25, 32mm nails)

2.2 Intended Use

This cordless stapler is suitable for fastening various materials using staples and nails. It is particularly effective for fine components and working in angular areas or close to edges. It is compatible with standard accessories such as the Parkside X-20-V Team Series staple and nail sets.

3. Technical Specifications

Specification	Value
Brand	Parkside
Model	PAT 20-Li A1
Manufacturer	HKM Akku Technik
Stroke Frequency	30 min^{-1}
Magazine Capacity	50 fasteners
Compatible Staples	15-25 mm (Type 55)
Compatible Nails	15, 20, 25, 32 mm (Type 47)
Motor Type	775 motor
Product Dimensions (L x W x H)	30 x 30 x 0.1 cm
Item Weight	3.72 Kilograms
Material	Plastic

Note: Battery and charger are part of the X-20-V Team Series and are sold separately.

4. Setup

4.1 Battery Installation

1. Ensure the stapler is switched off.
2. Align the battery pack (sold separately) with the battery port on the tool.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove, press the battery release button (if present on battery) and slide the battery out.

4.2 Loading Staples/Nails

1. Ensure the battery is removed for safety.
2. Locate the magazine release latch, typically at the bottom front of the tool.
3. Press the latch and pull out the fastener magazine.

4. Insert the appropriate staples (15-25mm, Type 55) or nails (15, 20, 25, 32mm, Type 47) into the magazine. Ensure they are oriented correctly.
5. Push the magazine back into the tool until it locks securely.



Figure 4.1: Detail of the fastener magazine area, showing the impact force adjustment and compatible fastener types (Type 55 and Type 47).

4.3 Adjusting Impact Force

The stapler features a rotary knob (red dial on top) for pre-selecting the impact force. Turn the dial to adjust the driving depth of the fasteners according to the material and fastener length. A higher setting provides more force for harder materials or longer fasteners.

5. Operating the Tool

5.1 General Operation

1. Ensure the battery is fully charged and installed.
2. Load the appropriate fasteners into the magazine.
3. Adjust the impact force using the rotary dial as needed for your application.
4. Place the nose of the stapler firmly against the workpiece where the fastener is to be driven.
5. Press the trigger to drive the fastener.



Figure 5.1: Example of using the stapler for upholstery work, demonstrating comfortable one-handed operation.



Figure 5.2: Example of using the stapler on a wooden surface, highlighting its versatility for various materials.

5.2 LED Work Light

The integrated LED work light illuminates the work area, providing better visibility, especially in dimly lit conditions. It activates automatically when the trigger is pressed or when the tool is ready for operation.

5.3 Softgrip Handle

The ergonomic softgrip handle ensures comfortable and secure handling, reducing fatigue during prolonged use and providing an anti-slip grip.

6. Maintenance

6.1 Cleaning

- Always disconnect the battery pack before cleaning.
- Keep the ventilation openings of the tool clean to prevent overheating.
- Wipe the tool housing with a soft, damp cloth. Do not use harsh cleaning agents or solvents.
- Regularly check the fastener magazine for debris and clear any obstructions.

6.2 Storage

- Store the tool in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- Ensure the battery is removed from the tool before storage.
- Store the tool out of reach of children and unauthorized persons.

6.3 Battery Care (X-20-V Team Series)

- Only use original PARKSIDE X-20-V Team Series batteries and chargers.
- Charge batteries in a well-ventilated area.
- Do not expose batteries to water, heat, or direct sunlight.
- Store batteries in a cool, dry place when not in use.

7. Troubleshooting

This section provides solutions to common issues you might encounter with your stapler.

Problem	Possible Cause	Solution
Tool does not fire.	Battery not installed or discharged. Fastener magazine empty. Tool not pressed firmly against workpiece.	Install charged battery. Load fasteners. Ensure nose of tool is fully depressed against surface.
Fasteners not driven fully.	Impact force too low. Wrong fastener type/length for material. Battery low.	Increase impact force using the dial. Use appropriate fasteners. Recharge battery.
Fastener jam.	Incorrect fastener size. Debris in magazine. Worn driver blade.	Remove battery, clear jam carefully. Use correct fasteners. Clean magazine. Contact service if blade is worn.
LED work light not working.	Battery discharged. Faulty LED.	Recharge battery. Contact customer service.

8. Environmental Protection and Disposal

Do not dispose of power tools, batteries, or accessories with household waste. They must be collected separately and recycled in an environmentally friendly manner. Seek information on local recycling facilities and regulations.

For proper disposal of the tool and its components, contact your local waste management authority or the retailer where you purchased the product.

9. Warranty and Support

This PARKSIDE product is manufactured with care and undergoes strict quality controls. We provide a warranty for material and manufacturing defects. The warranty period is subject to local regulations and the terms of purchase from your retailer.

The warranty does not cover damage caused by improper use, normal wear and tear, or unauthorized modifications. For warranty claims or technical support, please contact the retailer from whom you purchased the product or the manufacturer's customer service department, providing your proof of purchase and the product's model number.

For further assistance or to inquire about spare parts and accessories, please refer to the official Parkside website or contact their authorized service centers.

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