



[Manuals.plus](#) /

> [Parkside](#) /

> PARKSIDE Cordless Soldering Iron PLKA 4 Instruction Manual

Parkside PLKA 4

PARKSIDE Cordless Soldering Iron PLKA 4

INSTRUCTION MANUAL

[Introduction](#)

[Safety
Instructions](#)

[Troubleshooting](#)

[Product
Overview](#)

[Specifications](#)

[Setup
Warranty &
Support](#)

[Operating](#)

[Maintenance](#)

1. Introduction

Thank you for choosing the PARKSIDE Cordless Soldering Iron PLKA 4. This manual provides important information regarding the safe operation, setup, maintenance, and troubleshooting of your new soldering iron. Please read this manual thoroughly before first use and keep it for future reference.

2. Safety Instructions

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Work area safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical safety:** Do not expose the soldering iron to rain or wet conditions. Water entering an electrical 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 the tool while tired or under the influence of drugs, alcohol, or medication.
- **Tool use and care:** Do not force the tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it was designed.
- **Hot tip:** The soldering tip becomes extremely hot during operation. Avoid contact with skin and flammable materials. Always place the soldering iron on its stand when not in use.
- **Ventilation:** Use the soldering iron in a well-ventilated area to avoid inhaling fumes from solder.

- **Storage:** Store idle 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.

3. Product Overview

The PARKSIDE PLKA 4 is a portable, cordless soldering iron designed for various soldering tasks. It features a rubberized grip for comfortable handling and an integrated LED work light for improved visibility.



Figure 3.1: PARKSIDE Cordless Soldering Iron PLKA 4, showing the main unit, charging stand, USB cable, and solder wire.

Components:

1. Soldering Iron Unit (with rubberized grip and LED work light)
2. Soldering Tip
3. Power Button / Activation Button
4. Charging Port (USB)
5. Charging Stand
6. USB Charging Cable
7. Solder Wire (included)

4. Setup

4.1 Initial Charging

Before first use, fully charge the soldering iron's internal battery. Connect the USB charging cable to the charging stand, and then connect the other end to a suitable USB power source (e.g., computer USB port, USB wall adapter). Place the soldering iron into the charging stand. The LED indicator on the soldering iron will show the charging status (e.g., red for charging, green for fully charged).

4.2 Attaching the Soldering Tip

Ensure the soldering iron is turned off and cool before attaching or detaching the tip. Carefully screw the soldering tip onto the heating element of the soldering iron until it is secure. Do not overtighten.

5. Operating Instructions

5.1 Powering On and Heating

To power on the soldering iron, slide the ON/OFF switch (if present) to the 'ON' position. Then, press and hold the activation button (typically located on the underside or side of the grip). The LED work light will illuminate, and the soldering tip will begin to heat up. The LED indicator will change color (e.g., red for heating, green for operating temperature reached) to indicate readiness. Heating typically takes approximately 20 seconds.

5.2 Soldering Technique

Once the tip reaches operating temperature, you can begin soldering. Ensure the components to be soldered are clean and properly positioned. Apply the hot soldering tip to both the component lead and the solder pad simultaneously. Then, feed the solder wire onto the heated joint. The solder should melt and flow smoothly, creating a shiny, conical joint. Remove the solder wire first, then the soldering iron. Allow the joint to cool undisturbed.



Figure 5.1: Proper use of the PARKSIDE Cordless Soldering Iron for electronic work.

5.3 Powering Off

Release the activation button to stop heating. If there is an ON/OFF switch, slide it to the 'OFF' position when finished. Always place the hot soldering iron back on its stand immediately after use and allow it to cool completely before storing.

6. Maintenance

6.1 Cleaning the Soldering Tip

Regularly clean the soldering tip to ensure optimal performance and longevity. While the tip is hot, wipe it on a damp sponge or brass wool cleaner to remove excess solder and oxidation. A clean, tinned tip will transfer heat more efficiently.

6.2 Tinning the Tip

Before and after each use, or if the tip becomes oxidized, "tin" the tip by melting a small amount of solder onto it. This protects the tip from oxidation and improves heat transfer.

6.3 General Cleaning

Wipe the body of the soldering iron with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the device is completely cool and disconnected from any power source before cleaning.

7. Troubleshooting

Problem	Possible Cause	Solution
Soldering iron not heating up.	Battery is depleted. Activation button not pressed. Faulty tip or heating element.	Charge the battery fully. Ensure the activation button is pressed and held. Check tip connection; if problem persists, contact support.
Solder not melting or flowing well.	Tip is dirty or oxidized. Insufficient heat. Incorrect solder type.	Clean and tin the soldering tip. Ensure the iron has reached operating temperature. Use appropriate solder for electronics (e.g., rosin core).
Battery life is short.	Battery not fully charged. Battery degradation over time.	Ensure full charge before use. Battery life naturally decreases with cycles; consider replacement if available.

8. Specifications

Model: PLKA 4

Manufacturer Model Number: HKM Akku Technik

Power Source: Battery-operated

Special Features: Portable, Cordless, Rubberized Grip, LED Work Light

Dimensions: Approximately 21.5 x 7.5 x 6.5 cm (8.5 x 3.0 x 2.6 inches)

Weight: Approximately 350 g (0.77 lbs)

Batteries: Included

ASIN: B08BKPD1GD

9. Warranty & Support

9.1 Warranty Information

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in the product packaging for specific terms and conditions, including warranty period and coverage details. Keep your proof of purchase

for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or spare parts, please contact the manufacturer's customer support. Contact details can typically be found on the product packaging or the manufacturer's official website. When contacting support, please have your product model number (PLKA 4) and ASIN (B08BKPD1GD) ready.

