



Owner's Manual

Lithium Ion Rechargeable Soldering Iron

83-1556

Read through this owner's manual carefully before using the product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.

Lithium Ion Rechargeable Soldering Iron 83-1556

This Lithium-Ion Rechargeable Soldering Iron represents the latest in soldering iron technology. Using a rechargeable lithium ion battery, this tool delivers a 30W output suitable for automotive and industrial applications.

New rapid heat technology generates a 420°F temperature within 10 seconds. The tool has a 40 minute continuous runtime, and is rechargeable via the included micro USB charging cable.

Charging Instructions

Using the supplied cable, insert the Micro USB end into the port of the soldering iron, and the USB connector into a standard USB output port.

A full charge will take approximately 3.5 hours. Once fully charged, the red indicator light will turn green

Soldering Instructions

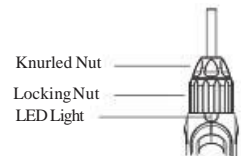
1. Slide the soldering iron switch to the ON position, **then press and hold the power button**. The LED will illuminate indicating that the soldering iron is on.
2. Allow the tip to reach working temperature (about 10 seconds) before soldering.
3. To ensure a strong connection, do not touch or move the joint until it has cooled completely.

Hot Knife Instructions

1. Slide the soldering iron switch to the ON position, **then press and hold the power button**. The LED will illuminate indicating the soldering iron is on.
2. Allow the knife to reach working temperature (about 10 seconds). Cut the object you want.

How To Replace The Tip

1. Ensure that the soldering iron switch is in the OFF position. Allow the tip to cool completely before replacing the tip.
2. Use only genuine replacement tips.
3. Unscrew the old tip by rotating the translucent locking nut counterclockwise.
4. Screw in the new tip by rotating the translucent locking nut clockwise until it clicks into the locked position.
Note: Align the notch in the housing with the tabs in the tip to install the new tip.
5. Do not file the tip.



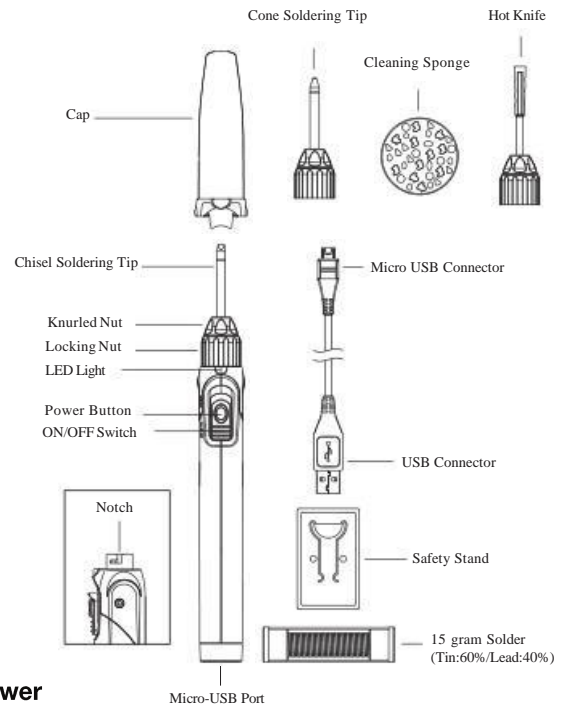
Adjust The Direction Of The Tip

Rotate the black knurled nut to adjust the direction of the tip.

Warning:

Potential electrical shock. Do not use the soldering iron if the housing is cracked or damaged. Never use the tool in a wet area. Do not attempt to repair or modify the soldering iron. Always de-energize devices being soldered.

Potential burn hazard. The hot tip can cause severe burns. Do not touch the tip of tool when hot. Allow the tool to cool before touching the tip or replacing the protective cap. The tip will remain hot after use for several minutes.



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Warning



- Work only in a dry area.
- Work only in areas free from flammable materials.
- Always store the soldering iron in a dry place out of reach of children or anyone who has not read these instructions.
- Always wear eye protection and gloves when operating the soldering iron.
- Never touch the tip of a hot soldering iron or attempt to remove solder from the tip with your hands.
- Always rest the soldering iron where the heat from the soldering iron cannot damage nearby items.
- Ensure that switch is in the OFF position when the iron is not in use.
- Ensure the tip is cool before storing the tool. Never leave the soldering iron turned on when unattended.
- Do not disassemble or modify the tool. The soldering iron contains safety and protective circuits which if damaged, may cause the battery to generate excessive heat and rupture or ignite.

Specifications

Dimensions	8-1/2" x 1-3/16" x 1"
Weight	3.5 Oz.
Charging Time	3.5 Hours
Running Time	Soldering Iron: 40 minutes Hot Knife: 200 cuts on 3/16" synthetic rope
Max Operating Temperature	1,112°F (Reaches 420°F within 10 seconds)
Charging Cable	4" USB to Micro-USB

Limited Warranty

Kimball Midwest warrants to the original buyer ("Buyer") all parts and accessories purchased by it from Kimball Midwest against defects in material or workmanship.

Kimball Midwest will repair or replace, at no charge to the buyer, this tool which, after examination by Kimball Midwest, is determined to be defective within a period of 1 year from receipt.

Coverage under this warranty will be provided only if the defective tool has been submitted to Kimball Midwest for inspection.

This warranty does not cover any damage to this tool due to alteration, modification, improper installation, accident, post-installation misuse, abuse, negligence, inadequate maintenance, or malfunction of associated parts or equipment not supplied by Kimball Midwest.

This warranty is in lieu of any other warranty, expressed or implied, including any warranty of merchantability or fitness for a particular purpose. Replacement or repair as provided under this warranty is the exclusive remedy of the buyer. Kimball Midwest shall not be liable for any incidental or consequential damages resulting from breach of this warranty. Kimball Midwest neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sale of its products.

If this Kimball Midwest Product proves defective in material or workmanship within one year after purchase, contact the Kimball Midwest Quality Assurance Department at All-QualityAssurance@kimballmidwest.com

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