

# Stagecaptain LS-480 Soldering Station

Item No.: 00070038



## User Manual

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Textmarke nicht definiert.

Thank you for purchasing our product. To ensure you will be completely satisfied with this product, read and understand this manual carefully before use. Keep the manual in a safe place. The Operating Manual must be passed on to all subsequent users.



Follow the Operating Manual!



**WARNING**

The signal word **WARNING** identifies hazards, which can result without precautions in serious injury.



**NOTE**

The signal word **NOTE** indicates general precautions, which should be observed in handling the product.



**NOTE**

Images used in this manual may differ slightly from the actual product, as long as it has no adverse effect on the properties and safety of the product.



**NOTE**

All personal formulations in these instructions are to be considered gender neutral.

These operating instructions apply to persons who have been supervised or instructed in the operation of the device by a person responsible for their safety and who have proven to be able to handle the device.



**WARNING**

**Children should be supervised to ensure that they do not play with the appliance. Do not leave the children unattended.**

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## Detailed Safety Instructions:

Please note the following safety notes to avoid malfunctions, damage or physical injury:

- On first use the soldering iron may produce smoke, this is just grease used in manufacturing burning off. It is not harmful to the product or user.
- This item is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the item by a person responsible for their safety.
- Keep the item or its packaging materials out of children's reach.
- Do not leave the item unsupervised while it is turned on. Keep children away while the item is in use.
- Do not use it if the item or its power cord has been damaged.
- Do not run the power cord around sharp edges or over hot surfaces.
- Be warned of being burned: Do not touch the metal part of the iron when it's in use as its temperature will be quite high.
- Be extra careful when using the soldering iron around combustible materials.
- Place the soldering station on a solid, level surface.
- During soldering harmful fumes may escape. Work only in well ventilated places.
- Protect your eyes and body from splashing hot solder by wearing suitable protective gears.
- Turn off the item and unplug it when it's not in use or before cleaning. Do not pull on the power cord, always grasp the plug itself.
- Allow the item to cool down before cleaning or storing.
- Do not use the item outdoors.
- Do not immerse the item in liquids of any kind. Do not use the item to heat plastic or liquids.
- Do not disassemble the item or try to repair it yourself. It does not contain serviceable parts for you.

## **Premium Set including:**

**Grip holder, desoldering pump, tweezers, 5 soldering tips, soldering tin, soldering tip dry cleaner, cleaning sponge.**

## **Features:**

Heater: PTC, 160°C-480°C

Voltage: AC 220-240V 50Hz

Power: 30W (Max 130W)

Digital temperature control by knob with LED display (°C/°F)

Easier way to achieve °C/°F conversion by an individual switch below the knob

Heats up to 400°C quickly in approx. 50 seconds

## Operation:

Unpack the soldering station and check all parts. Damaged parts must not be put into operation.

Install the iron stand and wet the cleaning sponge with water.

Put the soldering iron into the stand.

Place the soldering station on a solid and dry surface

Plug in the soldering station and turn it on (I=ON/O=OFF).

Adjust the temperature by the knob.

Test the temperature by touching the iron tip with solder. If the solder melts easily, you can start soldering.

Tin the hot iron tip with solder; wipe off excessive solder with the wet cleaning sponge.

Heat up the soldering point with the iron and add solder.

Wait till the solder cools down.

Clean the tip with the wet sponge after each soldering.

After the work is done, put the soldering iron back into the stand to cool down and turn off the soldering station.

For larger soldering points, set the temperature higher to better perform the soldering.

Lower the temperature during breaks, which saves energy and extends the life of the soldering tip.

Do not file off the soldering tip, or it will be damaged.

Always put the soldering iron in the stand when it is heating up or during breaks.

Only use dedicated solder for electronics. Acidic solder can damage the tip or the item.

Always unplug the item before cleaning it. Unscrewing the housing is not permitted.

Turn to professional for cord replacement or service.

## Tip Replacement

Note: Tip replacement or cleaning should be done only when the iron is at room temperature or below. The tip can be changed or replaced simply by unscrewing the knurled nut barrel assembly. The station must be switched off and allowed to cool before and during this operation, as damage may occur if the system is left on without the tip inserted, after removing tip, remove any oxide dust that may have formed in the tip retaining area of the barrel. Be careful to avoid getting dust in your eyes. Replace the tip and screw the retaining knurled nut barrel assembly using only hand pressure to tighten. Pliers should only be used to tighten the nut if loosening occur when the iron is hot to avoid burning your fingers. Do not over tighten as this would damage the element.

## Maintenance / Repairs

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard. Repairs must only be executed by executed, qualified Electricians.

## Cleaning

The outer case of the iron or station may be cleaned with a damp cloth using small amounts of liquid detergent. Never submerge the item in liquid or allow any liquid to enter the case of the station. Never use solvent to clean the case.

## WEEE Declaration (Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured using quality materials and components that are recyclable and reusable. The symbol means that your product must be disposed separately from household waste at the end of its service life.

Dispose of this equipment at your local collection point or recycling center.

Please help to protect the environment in which we all live.

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