



SPECIFICATIONS

Power	80W or 150W	Display	Digital
Input Voltage	US 120V / EURO-UK 230V	Tip to Ground Impedance	<0.1Ω
Temp. Range	100-500°C (212-932°F)	Tip to Ground Voltage	<2mV
Temp. Stability	±2°C > 200°C	Cable Length	120cm
Temp. Compensation	±50°C (±90°F)	Weight	516g

WARNING

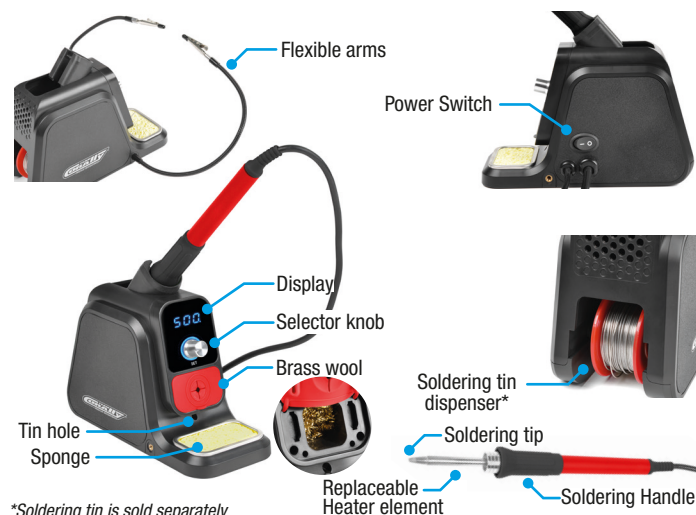
This product is classified as an electrical appliance and must be used in accordance with safety measures to prevent accidents.

Connecting the soldering station incorrectly poses a risk of injury and damage to the device. Risk of burns from the soldering tool while the soldering station is operating.

The product is tested before despatch, so the tip may contain a small amount of tin and the tube may have a slight yellowish tinge, this is normal.

- Read the safety instructions and operating instructions all the way through and observe the specified precautionary measures before operating the soldering station.
- Always place the soldering iron in the safety holder when not in use.
- The tip can reach a high temperature of +150°C in a short time. Be careful to avoid burns.
- If you are under the age of 18, you must use this product under the supervision of professionals or an informed adult.
- This appliance 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 appliance by a person responsible for their safety
- Observing locally applicable accident prevention regulations.
- Do not use the soldering station around combustibles
- Do not use or operate this product with wet hands or in damp environments to prevent electric shock.
- Do not modify this product and accessories.
- Observing locally applicable accident prevention regulations.
- When replacing parts or soldering tips, ensure the power is turned off and wait for the device to cool down completely before proceeding.
- Always turn off the iron when the product is not in use or temporarily not needed.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

DESCRIPTION



*Soldering tin is sold separately

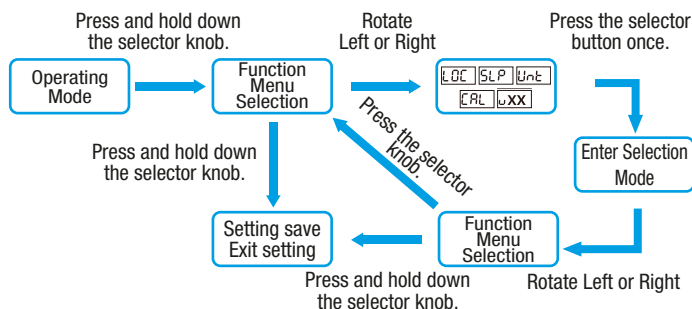
DISPLAY EXPLANATION

Screen Display	Function	Screen Display	Function
[SLP]	Autosleep	[UnE]	Temp. Unit
[CAR]	Temp. Calibration	[uXX]	Software Version
[LOC]	Temp. Locking	[OFF]	Power OFF
[Stb]	Auto Standby		

OPERATION

- Power ON: Connect the power cord to the mains supply, Switch on the ON/OFF button, now the display lights up.
- Rotate the selector knob to set the desired temperature. (For example, a temperature of 350°C is reached in about ten seconds.)
- After use, don't forget to switch it off.

FUNCTION DIAGRAM



FUNCTIONS

Auto standby/Auto sleep Function

Press and hold the knob button to enter the function settings menu.

Rotate left or right to switch until the screen displays [SLP].

Press once the knob to enter function. Rotate left or right to select [On] or [OFF].

Once enabling the auto standby/auto sleep mode, the machine will enter standby status after 3 minutes of inactivity, and the display shows [Stb]. The heating temperature is reduced to 250°C max. If the device remains in standby mode for a further 10 minutes, the heater will switch off. During standby period, if the unit detects any movement, or if the adjustment knob is short-pressed, it will resume to the working mode. Short-press the knob button in [OFF] status to return to the working mode.

Temperature mode Celsius/Fahrenheit

Press and hold the knob button to enter the function settings menu. Rotate left or right to switch until the different screen displays [UnE].

Short press the knob to enter the function. Rotate left or right to select Celsius [C-] or Fahrenheit [F-].

Temperature calibration

1. Adjust the temperature to 350°C (662°F). Wait for 1 minute to stabilize the temperature. Use a temperature measuring tool to confirm the current temperature of the heater.

2. Calculate the compensation temperature: $\text{Compensation Temperature} = \text{Selected Temperature } 350^{\circ}\text{C} - \text{Actual Measured Temperature}$. If the result is a positive number, increase the temperature; if it's a negative number, decrease the temperature. Temperature compensation range: +50 to -50°C (+90 to -90°F).

3. Long press the knob button to enter the function settings menu. Rotate left or right to switch until the screen displays [CAR]. Short press the knob to enter function selection. Rotate left or right to input temperature compensation value. Short press the knob button to exit the function settings menu interface. Long press or short press the knob to save the current settings and return to the heating interface.

Temperature locking

Long press the knob button to enter the function settings menu. Rotate left or right to switch until the screen displays [LOC]. Short press the knob to enter function selection. Rotate left or right to switch between [On] or [OFF] to enable or disable the temperature lock function. *After enabling the temperature lock function, the temperature cannot be adjusted. When rotating the adjustment knob left or right, the screen displays [LOC].

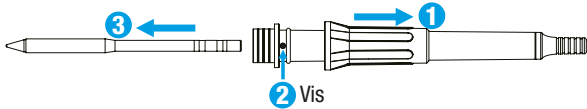
Software version

Long press the knob button to enter the function settings menu.

Rotate left or right to switch until the screen displays [uXX].

HEATER TIP REPLACEMENT

Loosen the screw using a flat-head screwdriver and remove the heater tip.



To prevent electric shock, unplug the power cord before replacing the heater tip!

1. Wait for the integrated tip temperature to drop to room temperature.
2. Refer to above picture, push the handle silicone sleeve to the right ① until the fixing screw of the heater tip is exposed.
3. Use a flat-head screwdriver to rotate counterclockwise and loosen the screw ②. Then remove the integrated tip ③.
4. Insert the replacement heater tip into the handle. Note: Ensure the heater tip is inserted to the bottom.
5. Reinsert the screw and tighten it. Be cautious not to overtighten the screw, just ensure the heater tip is secure and not easily pulled out.
6. Push the handle silicone sleeve to the left.

Note: When replacing the heater tip, choose an heater tip that corresponds to the machine's voltage.

MAINTENANCE

In order to ensure the durability of this product, regular maintenance is recommended. The lifespan of this product depends on the used temperature, quality of solder wire and soldering paste, frequency of use etc.

Please repair and maintain it according to specific use conditions.

Please pay close attention when the product is in use at high temperature or operation status. Cut off the power and unplug the product after use.

Excessive temperatures can reduce the soldering tip's lifespan. Before soldering, clean off any oxidation or old solder residues from the tip. After soldering, clean the soldering tip, re-tin it with new solder to prevent oxidation. Residues from solder flux can lead to oxidation and carbide formation on the soldering tip, impairing its performance and causing welding errors. For prolonged and continuous use of this product, it is advisable to clean off oxidation residues weekly.

Soldering iron tip maintenance

1. Set the temperature to 250°C (480°F).
2. After the temperature stabilizes, clean the soldering tip with the brass wool and check its condition.
3. If there is black oxide attached to the soldering tip, apply new solder (containing flux), and repeatedly wipe with the brass wool until the oxide is removed. Then apply new solder.
4. Turn off the power and remove the soldering tip using a heat-resistant pad; let it cool down.
5. If flux residues or other contaminants cause discolouration on the soldering tip, clean it with alcohol or an equivalent solution.
6. Do not use sharp tools like files to remove oxides.

TROUBLESHOOTING

Failure	Examination	Solution
Not working when power is ON	Check if the power cord or the connecting plug is loose or disconnected	Reconnect the power cord or the connecting plug
The display shows S - E	Whether the heater is well inserted into the cartridge	Reinsert the heater
	Check if the heater is damaged (Check resistance of the heater is within the specified range).	If damaged, replace the heater
The display shows H - E	Check if the heater installed securely	Determine if the heater is damaged
	Check if the heater is damaged (Check resistance of the heater is within the specified range).	If damaged, replace the heater
The soldering tip is sometimes hot and sometimes not	Replace the heater	Determine if the heater is damaged
	Check if the heater has poor contact	Reinsert the heater
Solder won't attach to the soldering tip	Check if the soldering tip temperature is too high	Adjust to suitable temperature
	Check if there's oxidation on the soldering tip	Wipe off the oxidation with brass wool
The soldering tip temperature is too low	Check if there's oxidation on the soldering tip	Wipe off the oxidation with brass wool
	Check if the temperature is set correctly	Readjust to the correct temperature

WARRANTY AND SERVICE

If material defects or manufacturing faults should arise in a product distributed or manufactured by Team Corally, a division of JSP Group Intl BVBA, and purchased by a consumer, we Team Corally acknowledge the obligation to correct those faults or defects within the limitations described below. This manufacturer's warranty is in addition to, and does not affect, the legal or contractual rights of the consumer which arise from the purchase of such products. Team Corally guarantees the consumer that its products are free from material, manufacturing, and construction faults, as determined by the general state of knowledge and technology valid at the time of manufacturing. The fault responsible for causing the damage must be proven to have been present in the product at this time. Claims for compensation arising from consequential damage or product liability will not be considered valid unless they fall under pre-emptory provisions of the law. If material defects or manufacturing faults should arise in a product distributed or manufactured by Team Corally in the European community (EC) and purchased by a consumer, then Team Corally undertakes to correct those defects within the limitations described below.

This manufacturer's declaration does not affect the consumer's legal or contractual rights regarding defects arising from the purchase contract between the consumer and the dealer or reseller.

Extend of the Warranty

If a claim is made under warranty, we take at our discretion to repair or replace the defective goods. We will not consider supplementary claims, especially for reimbursement of costs relating to the defect (e.g. installation / removal costs) and compensation for consequent damages unless they are allowed by statute. This does not affect claims on legal regulations, especially according to the product liability law.

Provisions of the Warranty

The purchaser is required to make the warranty claim in writing, and must enclose original proof of purchase (e.g. invoice, receipt, delivery note) and the appropriate warranty card. He must send the defective goods to our local representatives or directly to Team Corally, a division of JSP Group Intl BVBA, Geelseweg 80, 2250 Olen, Belgium at his own risk and cost.

The purchaser should state the material defect or manufacturing fault, or symptoms of the fault, as accurate as possible, so that we can check if our warranty obligation is applicable. The goods are transported from the consumer to us, and from us to the consumer, entirely at the risk and cost of the consumer.

Invalidation of the Warranty

The consumer cannot make a claim under warranty when the fault is affecting the use of the product arising from natural wear, competition use, or improper use (including installation) or external forces. The

consumer's adherence to the building and operating instructions relevant to the model, including the installation, operation, use of, and maintenance of, model-related components cannot be supervised by Team Corally. Therefore Team Corally is in no way liable for loss, damage, or costs resulting from improper use, or behaviour in any way connected to the above described provisions. Unless otherwise required by law, Team Corally is in no way whatever liable to provide compensation for damages arising from the improper use of the model (including personal injury, death, damage to buildings, loss of turnover, loss of business, or interruption of business, or any other direct, or indirectly caused, consequential damage).

Duration of Validity

The claim period is 24 months from the date of purchase of the product by the consumer from a dealer in the European Community (EC) counted from the date of purchase. The claim period is 12 months from the date of purchase of the product by the consumer from a dealer outside the European Community (EC) counted from the date of purchase. If a defect arises after the end of the claim period, or if evidence or documents required according to this declaration in order to make the claim valid are not presented until after this period, then the consumer forfeits any rights or claims from this declaration. The guarantee period is not prolonged by the granting of any claims within the framework of this warranty, especially in the case of repair or replacement. The guarantee period also does not restart in such cases.

Warranty Expiration

If we do not acknowledge the validity of a claim based on this declaration within the claim period, all claims based on this declaration will expire after six months from the time of registering the claim; however this cannot occur prior to the end of the claim period.

Applicable Law

This declaration, and the claims, rights and obligations arising from it, are based exclusively on the pertinent Belgium Law, without the norms of international private law, and excluding UN retail law. Place of fulfillment for liabilities arising from this declaration is Olen, Belgium. Court of jurisdiction is Turnhout, Belgium.

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DECLARATION OF CONFORMITY

Declaration of Conformity

Team Corally DSS PRO-80 #C-48520 soldering station

Team Corally DSS PRO-150 #C-48525 soldering station

Complies with the essential requirements of: Council Directive 2014/35/EU on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (LVD)

Assessment of compliance of the product with the requirements relating to Council Directive 2014/35/EU (LVD) was based on (relevant parts of) the following standards:

EN 60335-1:2012 +A11
EN 60335-2-45:2002+A1 +A2
EN 62233:2008

Olen - Belgium
12 January 2022

 
Stefan Engelen
Ceo

 **WEEE:** At the end of this device's useful life, please remove all the batteries and dispose of them separately. Take electrical appliances to the local collection points for waste electrical and electronic equipment. Other components can be disposed of in domestic refuse. Thank you for your co-operation!



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