



SPECIFICATIONS

Power	80W	Display	0.96 inch OLED
Input Voltage	US 120V / EURO-UK 230V	Tip to Ground Impedance	<0.1Ω
Temperature Range	100-500°C (212-932°F)	Tip to Ground Voltage	<2mV
Temp. Stability	±2°C / ±4°F	Cable Length	190cm
Temperature Compensation	±100°C (±180°F)	Weight	160g

WARNING

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

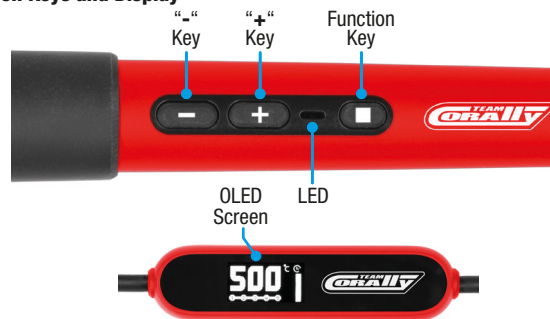
Connecting the soldering station incorrectly poses a risk of injury and damage to the device. Risk of burns from the soldering tool while the soldering station is operating.

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 230°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.

FUNCTIONS

Function Keys and Display



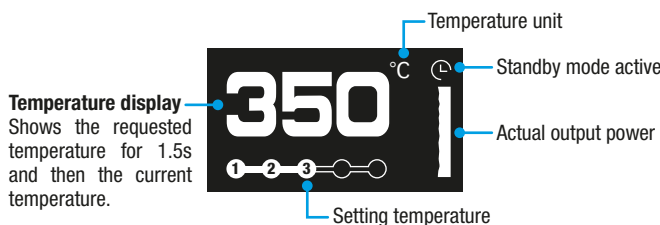
FUNCTION KEY : Short press to **ENTER / EXIT** sleep mode, long press to enter menu. Short press to select option in menu, long press to exit menu.

“+” KEY : To increase the temperature of the soldering iron; to go to last option.

“-” KEY : To decrease the temperature of the soldering iron; to go to next option.

LED indicator : Indicates the heating operating mode (ON means that the temperature is rising, OFF means that the temperature has been reached).

OLED screen : Displays temperature and operating options



Long press the function Key to enter menu.

Press the “+” and “-” keys to switch options. When “----” is displayed at the top left of the screen (Fig.1), press the “Function” key to return to the previous interface.

Press the “Function” key to confirm the menu and use the “+” and “-” keys to change the value or option (Fig.2).

Return to previous menu

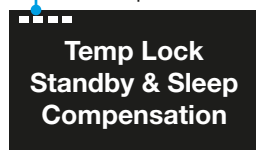


Fig.1

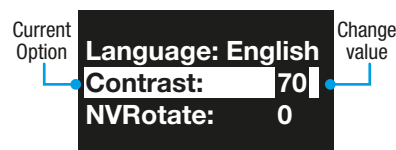


Fig.2

Switch ON

Connect the power cord to the mains. The soldering iron now starts to heat up and the display shows the logo, model number and temperature.

After use

After use, remove any solder residue and apply a little new solder to prevent oxidation.

Temperature Adjust

The temperature range is 100>500°C (212-932°F) and is adjusted using the “+” and “-” keys.

FUNCTIONS

Temperature Lock

Turn ON/OFF Lock Function in the menu

When temperature Lock Function is ON, the setting temperature is locked and cannot be adjusted and the screen displays shows the icon “Lock”(Fig.3).



Fig.3

Standby & sleep function

Activate this function in the menu “Standby & Sleep”

1. In “Standby temp” set the temperature to be used in this mode.
2. In “Standby time” set the time (Min.) it takes to enter standby mode. 0 means standby mode is OFF.
3. When the standby time has elapsed, the heater automatically returns to the set standby temperature. If the standby temperature is higher than the current temperature, the heater maintains the current temperature in standby mode (Fig.4).
4. In “Sleep time” set the time it takes to enter sleep mode from standby mode. 0 means “Sleep mode” is OFF.
5. The sleep time has elapsed, the heater is switched off and the unit goes into standby mode (Fig.5).

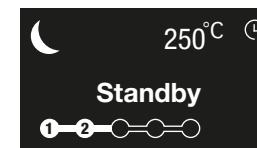


Fig.4

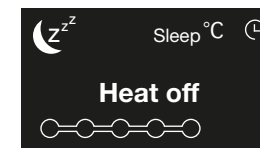


Fig.5

Temperature compensation

Enter the compensation value in “Compensation”.

1. Set the temperature to 350°C (662°F), and wait 2 minutes for the temperature to stabilise.
2. Measure the temperature of the tip with a precise measuring device, if for example the value measured is 340°C (644°F).
3. Enter the difference, in the example above it is 10°C (50°F). The compensation is now complete

Temperature calibration

Go to the “Calibration” menu.

Warning: this function can affect temperature control. Entering incorrect data can lead to loss of temperature control!

1. In the “Calibration” menu, select “Yes” to enter calibration mode.
2. Wait 120 seconds for the temperature of T1 to stabilise.
3. When the time has elapsed, measure the temperature of the tip and enter the temperature value using the “+” / “-” keys, then press the function key to confirm.
4. Wait 120 seconds for the T2 temperature to stabilise.
5. When the time has elapsed, measure the temperature of the tip and enter the temperature value using the “+” / “-” keys, then press the function key to confirm.
6. The calibration is now complete.

Interface setting

Go to the "Interface" menu.

1. "Language", select English or Chinese
2. "Contrast", to adjust screen brightness from 1 to 100
3. "NVRotate", to rotate the screen 180°

Interface setting

Go to the "System" menu.

1. "Unit", to select the temperature unit: Celsius or Fahrenheit.
2. "Factory set", Select YES to return to the default settings.

Replacing the heating element

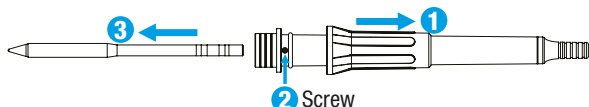
When the heating element needs replacing, please disconnect the soldering iron first!

Remove the heating element, the display will show "Lack of heater".

Install the new heating element and press the FUNCTION button to return to operating mode.

1. Wait for the integrated tip temperature to drop to room temperature.
2. Refer to below picture, push the handle silicone sleeve to the right ① until the fixing screw of the integrated 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 integrated tip into the handle. Note: Ensure the integrated tip is inserted to the bottom.
5. Reinsert the screw and tighten it. Be cautious not to overtighten the screw, just ensure the integrated tip is secure and not easily pulled out.
6. Push the handle silicone sleeve to the left.

Note: When replacing the integrated tip, choose an integrated 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.
3. If there is black oxide attached to the soldering tip, apply new solder, 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 discoloration 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 "Lack of heater"	- Check if there's heater element in the handle - Check that the heating is correctly installed - The heating element may be damaged	- Reinsert the heater - If damaged, replace the heater
The display shows Err. No heating	- Check that the heating is correctly installed - The heating element may be damaged	- Reinsert the heater - If damaged, replace the heater
The soldering tip is sometimes hot and sometimes not	Determine if the heater is damaged Check if the heater has poor contact	Replace the heater Reinsert the heater
Solder won't attach to the soldering tip	Check if the soldering tip temperature is too high Check if there's oxidation on the soldering tip	Adjust to suitable temperature Wipe off the oxidation with brass wool
The soldering tip temperature is too low	Check if there's oxidation on the soldering tip Check if the temperature is set correctly	Wipe off the oxidation with brass wool Readjust to the correct temperature
Unable to reach set temperature	- Check that the tip temperature is correct - Check that it is correctly calibrated	- Adjust to the appropriate temperature - Calibrate the temperature according to the instructions in the user manual.

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 preemptory 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 accurately 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 fulfilment for liabilities arising from this declaration is Olen, Belgium. Court of jurisdiction is Turnhout, Belgium.

DECLARATION OF CONFORMITY

Declaration of Conformity Team Corally DSI PRO-80 #C-48530 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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