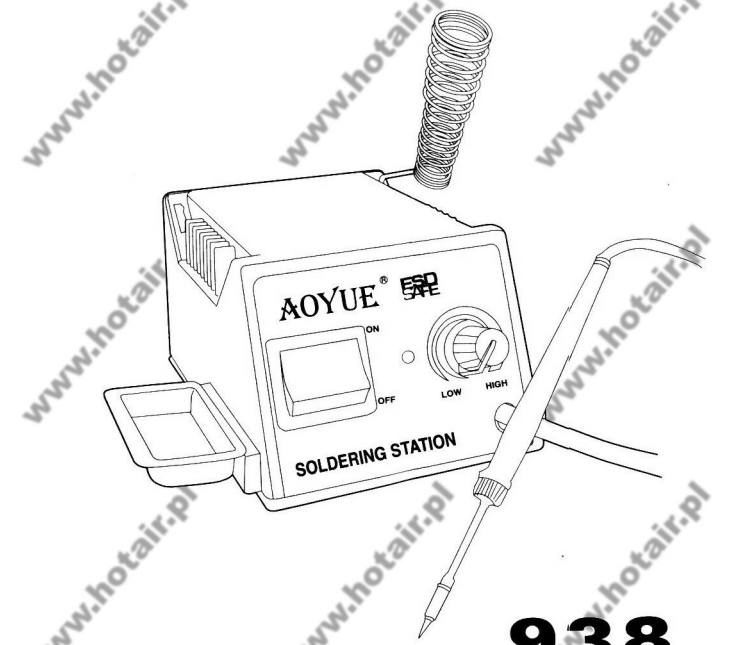
AOYUE®

SOLDERING STATION



938

Thank you for purchasing the 938 Soldering Station. Before using the 938 for the first time, please read the following instructions.

BEFORE YOU START

FEATURE:

- Precision temperature control:~330°C (~626°F)
- Super slim, pen-like style for greater control and visibilty
- Specially designed for repairs to cell phones and PC boards
- Conductive soldering stand

Model no.	938
Spec.	Description
Input Voltage(V)	AC110V / AC220V
Consumption(W)	4~14W
Current(A)	0.07~0.16A(AC110V) 0.035~0.07A(AC220V)
Hight Voltage Test 1mA/1sec	1500VAC
Insulation Resistance(Ω)	>1MΩ
Earth Resistance(Ω)	<0.1Ω
Iron Tip Temperature (℃)	~330°C (~626°F)
Handle Temperature(Max)(℃)	< 50℃
Package Contents	938 station w/soldering tip, soldering stand, sponge, and user's manual
Weight(g)	860g

CONTROL PAD OPERATION

(Front) (Back)

PRECAUTIONS

1. **Caution-High Temperature Operation**
   The 938 operates at very high temperature. At all times observe careful operating procedures.
2. Do not use the unit near ignitable gases, paper or other inflammable materials.
3. Never touch the hot tip, with your hands.
4. After use, be sure to let the unit cool down.
5. White smoke may occasionally be emitted near the tip. This is temporary and caused by very small pieces of dirt on the unit.
6. Never drop or sharply jolt the unit.
7. Do not disassemble the unit unless replacing the heating barrel.
8. Unplug the 938 station when not in use for prolonged periods.

OPERATING INSTRUCTIONS

1. Plug the power cord into the power supply.
2. Turn the power switch to ON.
3. Adjust the temperature control knob. Start with a low temperature. Gradually increase the setting by turning the temperature knob clock-wise until the desired temperature is achieved.
4. When you have finished using the unit, turn the power setting to OFF. If you will not be using the 938 for a prolonged period, unplug the unit.
5. Follow instructions for soldering tip care below.

CARE OF THE SOLDERING TIP

The 938 soldering tip is made with iron plated copper. If used properly, it should last for a long time. The following steps will help ensure a longer tip life.

1. Always keep the tip tinned before switching off or storing for any period of time. Only wipe before use.
2. Do not keep the 938 set at a high temperature for a long period of time as this will break down the surface of the tip.
3. Never clean the tip with coarse abrasive materials or files.
4. If an oxide film does form, it can be cleaned by lightly rubbing with a 600-800 grit emery cloth, isopropyl alcohol or equivalent, and then immediately reheating and retinning the tip to prevent oxidation of the wettable surface.
5. Remove the tip and clean every twenty hours of use, or at least once a week, and remove any loose build up in the barrel.
6. Do not use fluxes containing chloride or acid. Use only rosin or activated resin fluxes.
7. Do not use any compound or anti-seize materials on the wettable surface.

MAINTENANCE

SOLDERING TIP REPLACEMENT

CAUTION: Tip replacement or cleaning should be done only when the element is at room temperature.

1. Unplug the 938 station
2. Use a set of flat pliers(no teeth) to carefully remove the tip from the heating element.
3. Replace with cleaned or new tip.

SOLDERING HEATER REPLACEMENT

1. Unplug the 938 station and ensure that the element has cooled down.
2. Remove the soldering tip (see above).
3. Unscrew the nut that holds the heating element to the handle.
4. Use a set of flat pliers (no teeth) to pull out the rubber plug.
5. Feed the power cord up through the unit until the connector is visible.
6. Disconnect the heating element (2 pins).
7. Connect the new heating element and feed it back into the handle.
8. Replace the plug into the handle and retighten the nut.
9. Insert the soldering tip onto the new heating element.

GENERAL CLEANING

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