Manuals+
Q & A | Deep Search | Upload

manuals.plus /
› **AiXun** /
› **AiXun T380 Portable Smart Soldering Station with T210 Handle (Non-rechargeable) User Manual**

AiXun T380

AiXun T380 Portable Smart Soldering Station User Manual

Model: T380 (Non-rechargeable T210-v1.0)

1. INTRODUCTION

The AiXun T380 Portable Smart Soldering Station is a compact and intelligent tool designed for precision soldering tasks. This non-rechargeable version, equipped with a T210 handle, features advanced temperature control and a robust design, making it suitable for various maintenance needs. Its neural network temperature control algorithm ensures rapid heating, achieving set temperatures in approximately one second.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the soldering station. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always work in a well-ventilated area to avoid inhaling solder fumes.
- Wear appropriate personal protective equipment, including safety glasses, to protect against splashes of molten solder.
- The soldering iron tip can reach temperatures up to 450°C. Avoid direct contact with the tip or heated components.
- Place the soldering iron securely in its stand when not in use.
- Ensure the power cord is not damaged and is properly connected to a grounded outlet.
- Do not use the soldering station near flammable materials or gases.
- Keep out of reach of children.

3. PRODUCT COMPONENTS

The AiXun T380 Portable Smart Soldering Station package includes the following items:

- 1 x T380 Portable Smart Soldering Station unit
- 1 x T210 Handle
- 1 x C210 Tip (K-tip)
- 1 x Data Cable

- 1 x Charger

Figure 3.1: Overview of the AiXun T380 Soldering Station and its included components.

4. SETUP

4.1 Connecting the Handle and Power

1. Insert the T210 handle cable into the designated port on the T380 soldering station. Ensure a secure connection.

2. Insert the C210 K-tip into the T210 handle.

3. Connect the charger to the soldering station's power input port.

4. Plug the charger into a standard AC 110V-230V power outlet.

4.2 Initial Power-On

Once connected to power, the T380 station will typically power on automatically or can be activated via its power button. The display will illuminate, indicating the current status and temperature settings.

Figure 4.1: The T380 station demonstrating rapid heating capabilities, reaching operational temperature quickly.

Figure 4.2: The T380's display showing the intelligent temperature control system at work.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

To power on the device, ensure it is connected to a power source. The unit will typically power on automatically. To power off, press and hold the designated power button, or disconnect from the power source.

5.2 Temperature Adjustment

The T380 allows for precise temperature control within a range of 100°C to 450°C. Use the control buttons or rotary knob on the station to increase or decrease the desired temperature. The current temperature will be displayed on the screen.

5.3 Handle Compatibility and Sleep Stand

The T380 soldering station supports both T210 and T115 handles. The included sleep stand is adjustable, allowing you to set the angle according to your preference for comfortable and safe operation. When the handle is placed in the stand, the station may enter a sleep mode to conserve energy and prolong tip life.

Figure 5.1: The T380 station demonstrating compatibility with T210 and T115 handles, and the adjustable sleep stand.

5.4 Firmware Updates (OTA)

The T380 features convenient WiFi networking for Over-The-Air (OTA) firmware upgrades. This allows the device to receive the latest software versions, ensuring optimal performance and access to new features. Refer to the manufacturer's official website or the device's on-screen menu for instructions on checking for and performing updates.

Figure 5.2: The T380 station connected via WiFi for OTA firmware updates.

6. MAINTENANCE

6.1 Soldering Tip Care

- Always tin the soldering tip with a small amount of solder before and after use to prevent oxidation and extend its lifespan.
- Clean the tip regularly using a damp sponge or brass wool provided in the stand.
- Replace worn or damaged tips promptly to maintain soldering quality.

6.2 Unit Cleaning

- Ensure the unit is powered off and unplugged before cleaning.
- Wipe the aluminum alloy body with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Keep the ventilation slots clear of dust and debris to ensure proper cooling.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your T380 soldering station.

Problem	Possible Cause	Solution
Station does not power on.	No power supply; faulty cable.	Check power connection and outlet. Ensure charger and data cable are securely connected.
Soldering iron not heating.	Tip not properly inserted; faulty tip; incorrect temperature setting.	Ensure tip is fully seated in the handle. Replace tip if damaged. Verify temperature setting on display.
Temperature display is inaccurate.	Sensor issue; firmware outdated.	Ensure the tip is clean and properly installed. Check for available firmware updates via OTA.
Unit feels unstable.	Uneven surface.	Place the station on a flat, stable workbench. The unit's 1.2KG weight provides inherent stability.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact AiXun customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the AiXun T380 Portable Smart Soldering Station:

Feature	Specification
Product Name	Portable Smart Soldering Station
Model	T380
Adapter Voltage	AC 110V-230V
Temperature Range	100°C - 450°C
Rated Power	80W
Supported Soldering Pen Models	T210 and T115
Charging Interface	Type-C (for data/firmware updates, not charging the unit itself as it's non-rechargeable)
Host Weight	1.2 kg (2.65 lbs)
Item Weight (Package)	4.4 pounds
Package Dimensions	11.81 x 9.84 x 7.87 inches
Material	Aluminum Alloy (body)
Display Type	Digital

9. Warranty and Support

For warranty information, technical support, or service inquiries, please contact AiXun customer service. You can find contact details and additional resources on the official AiXun website or through the AiXun Amazon Store.

Related Documents - T380

AiXun·艾讯 **T380** Portable Smart Soldering Station User Manual Please read this manual carefully before use	**AiXun T380 Portable Smart Soldering Station User Manual** User manual for the AiXun T380 Portable Smart Soldering Station, detailing product features, structure, parameters, operation, charging, tip replacement, connectivity, and precautions. Includes instructions for setup, use, and maintenance.
AiXun T320 Integrated Precision Smart Soldering Station User Manual Please read this manual carefully before use	**AiXun T320 Integrated Precision Smart Soldering Station User Manual** User manual for the AiXun T320 Integrated Precision Smart Soldering Station, a 200W device featuring a 2.4-inch IPS HD display, remote control, and wireless data transmission capabilities. Compatible with T210 and T245 soldering iron handles.
AiXun **T3A** Smart Soldering Station **Product Manual**	**Aixun T3A Intelligent Soldering Station User Manual** User manual for the Aixun T3A 200W intelligent soldering station with T245 handle. Features, specifications, operation, and safety guidelines for precise electronic soldering.
AiXun T413 Integrated Smart Soldering Station User Manual Please read this manual carefully before use	**AiXun T413 Integrated Smart Soldering Station User Manual** User manual for the AiXun T413 Integrated Smart Soldering Station, detailing its features, operation, and compatibility with T245/T225 handles. This document provides comprehensive instructions for safe and efficient use.

	[AiXun BS08 AI Voice Center Control User Manual](#) User manual for the AiXun BS08 AI Voice Center Control, detailing its features, structure, parameters, operation, upgrading, system settings, and after-sales service. Features Bluetooth 5.0, voice control, and a 1.28-inch HD display.
	[AiXun CM30 Soldering Tip Cleaner User Manual](#) Official user manual for the AiXun CM30 Soldering Tip Cleaner. Learn about its features, operation, maintenance, and product specifications for efficient soldering tip cleaning.

Documents - AiXun – T380

[pdf]

Produkt shopGold T380 akumulatorowa stacja lutownicza grot T210 80W 11 oct 2024 — Aixun to profesjonalna zaprojektowana z myślą o wysokiej precyzji i mobilności Wyróżnia się bezprzewodowym działaniem t380 t210 80w aixun gotronik pl karta 11048 html |||

Dane aktualne na dzie: 13-12-2024 14:40 Link do produktu: https://www.gotronik.pl/**t380**-akumulatorowa-stacja-lutownicza-grot-t210-80w-aixun-p-11048.html **T380** akumulatorowa stacja lutownicza grot T210 80W Aixun Cena brutto Cena netto Czas wysylki Numer katalogowy Kod producenta Producent 529,00 z... lang:pl score:38 filesize: 1.85 M page_count: 12 document date: 2024-12-13

AiXun·艾讯

T380
Portable Smart Soldering Station
User Manual

Please read this manual carefully before use

[pdf] User Manual

T380　　　　T380 AiXunThe is a portable smart soldering station with built in battery 5G dual mode WiFi 1 second heating 40 min life and 100 450°C t380 user manual enaixun t380 en 05GSMT380 AiXunT380 charged supplies power Type C cable please Prepare lithium polymer Note polymer The 450°C cc5t4q9edkv2sga2ufk20o2jjrvyvn0st380 en05gsm ru upload iblock 8a2 cc5t4q9edkv2sga2ufk20o2jjrvyvn0saixun Manual can be found hereT380 AiXunTEST CLIPS UK AIXUN Portable Smart Soldering StationT380 encc5t4q9edkv2sga2ufk20o2jjrvyvn0st380 entestclips co uk 2024 05 ||| ||| |||

...

lang:pl score:17 filesize: 5.95 M page_count: 12 document date: 2024-05-15