JBC

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Product website

INSTRUCTION MANUAL

P005

Pedal + Adapter Kit

This manual corresponds to the following references:

P-005

Packing List

The following items are included:

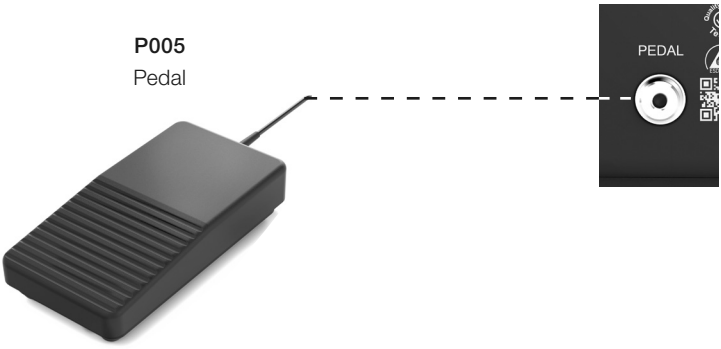
Pedal ..... 1 unit

Adapter ..... 1 unit

Manual ..... 1 unit
Ref. 0028920

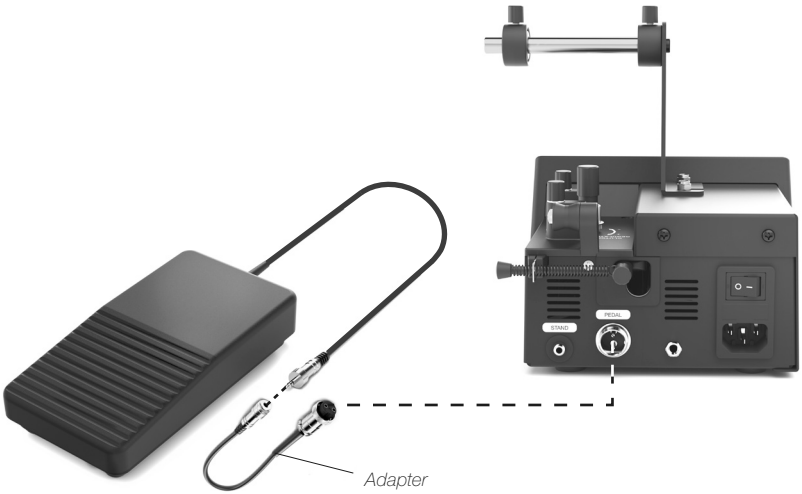
Connection to Control Units or Peripherals

Connect the pedal directly to a JBC station or other peripherals. The connector is identified as “PEDAL”.



Connection with Adapter to AL

Connect the pedal by means of the adapter cable to the AL station. The connector at the rear of the station is identified by “PEDAL”.



Pedal Compatibility

P005 is compatible with JBC devices as shown in the table, on the highlighted column.

P305* and P405* are also shown in the table below.

If marked with ◯, it means the pedal cannot be connected directly to a JBC control unit. A module must be used *(see next pages "Pedal Setup").*

		Pedals		
		P405*	P305*	P005
Control unit	DI		●	
	DDE	◯	●	◯
	DME	◯	●	◯
	HDE	◯	●	◯
	JNA	●		●
	JTSE	●		●
	WS		●	
	ALE	●		●
	NAE	●		●
Station	AL			●
Module	MSE	●		●
	MVE	●		●
	MNE	●		●
Preheater	PHNE	●		●
	PHSE	●		●
	PHBE	●		●
	PHXLE	●		●
Fume extractor	FAE1	●		●
	FAE2	●		●

** Not included, sold separately*

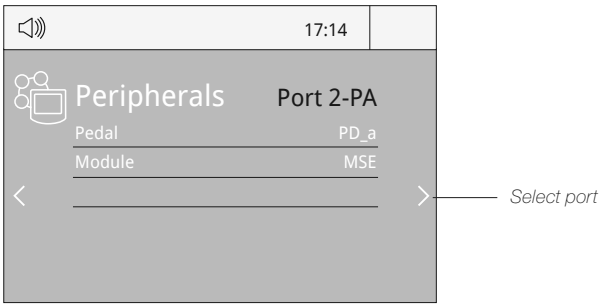
Pedal Setup for:

- DI, DDE, HDE, JNA, JTSE, ALE *(Control Units)*

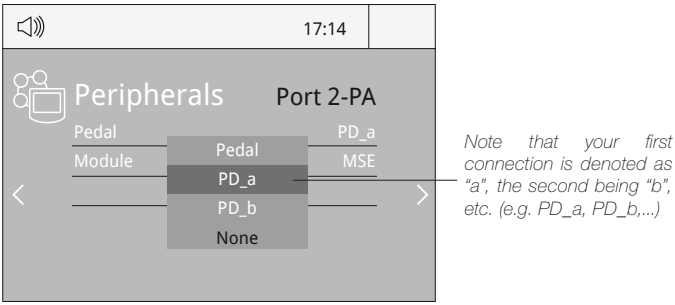
- PHNE, PHSE, PHBE, PHXLE *(Preheaters)*

Note: Peripheral modules - MSE, MVE or MNE - are needed to connect the pedal to DDE and HDE.

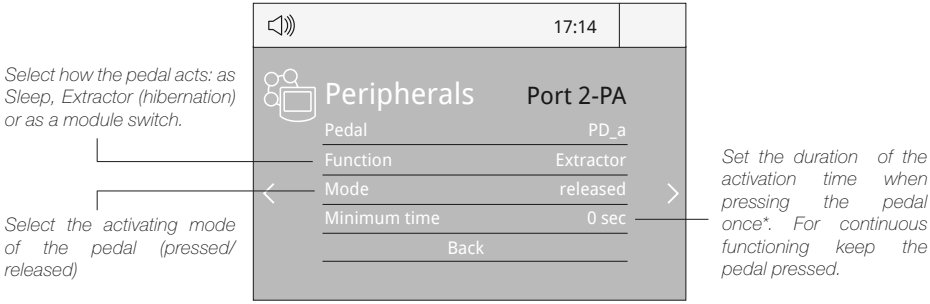
1. Connect the pedal and enter the Peripherals menu. Select the port to which the pedal is connected.



2. Select the pedal from the list.



3. Set the pedal function according to your work needs:

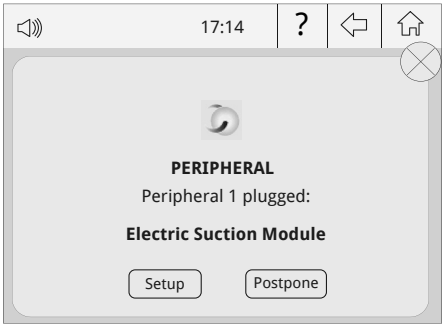


**NB: The same can be applied inversely by continually pressing the pedal and releasing to activate.*

Pedal Setup for DME *(Control Unit)*

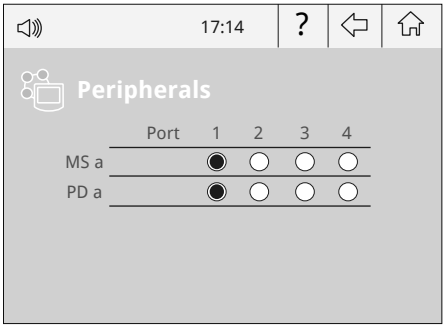
Note: Peripheral modules - MSE, MVE or MNE - are needed to connect the pedal to DME.
After connecting one of the mentioned modules to the station a popup window opens.

1. To configure the module MSE/MVE/MNE press Setup in the popup window.



2. Select the module from the list of peripheral connections. Remember your first connection is referred to as “a”, the second being “b”, etc. (e.g. MS_a, MS_b,...). Do the same with the pedal (e.g. PD_a,...)

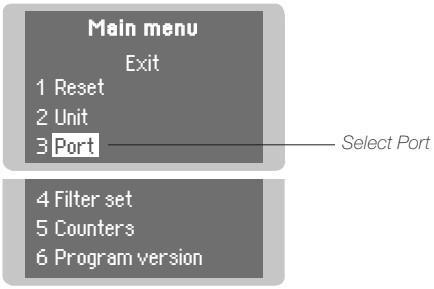
3. Select the port of the tool you want to link to the peripheral.



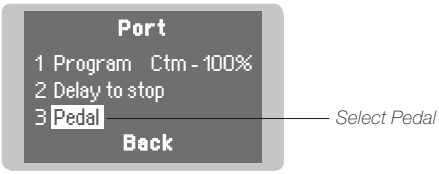
4. Press Menu or Back to save changes.
Once set up, the module settings can be changed by entering the Peripherals menu

Pedal Setup for FAE1, FAE2 *(Fume Extractors)*

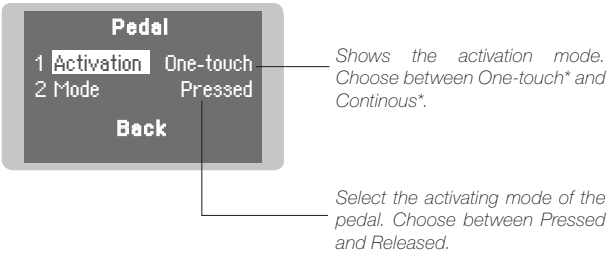
1. Enter the main menu and select Port.



2. On the Port menu select Pedal.



3. Set the pedal function according to your work needs:



** "One-touch" activates the pedal function until pressed again. "Continuous" activates the pedal function while pressing the pedal.*

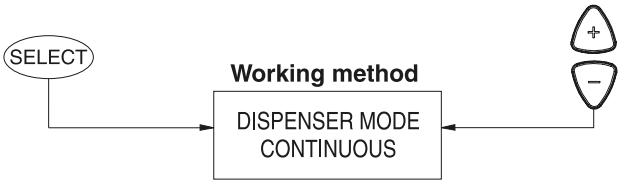
Pedal Setup for AL *(Auto Feed Soldering Station)*

The chosen wire dispensing operation mode will be applied for the tool button as well as for the pedal activation.

The working mode can be switched to:

- Continuous: Solder wire is being fed constantly as long as the pedal or the tool button are pressed.
- Discontinuous: A predetermined solder wire amount is fed every time the pedal or tool button are pressed.

Navigate through the menu by pressing SELECT , use + or − to change the value. Confirm the selection by pressing SELECT .

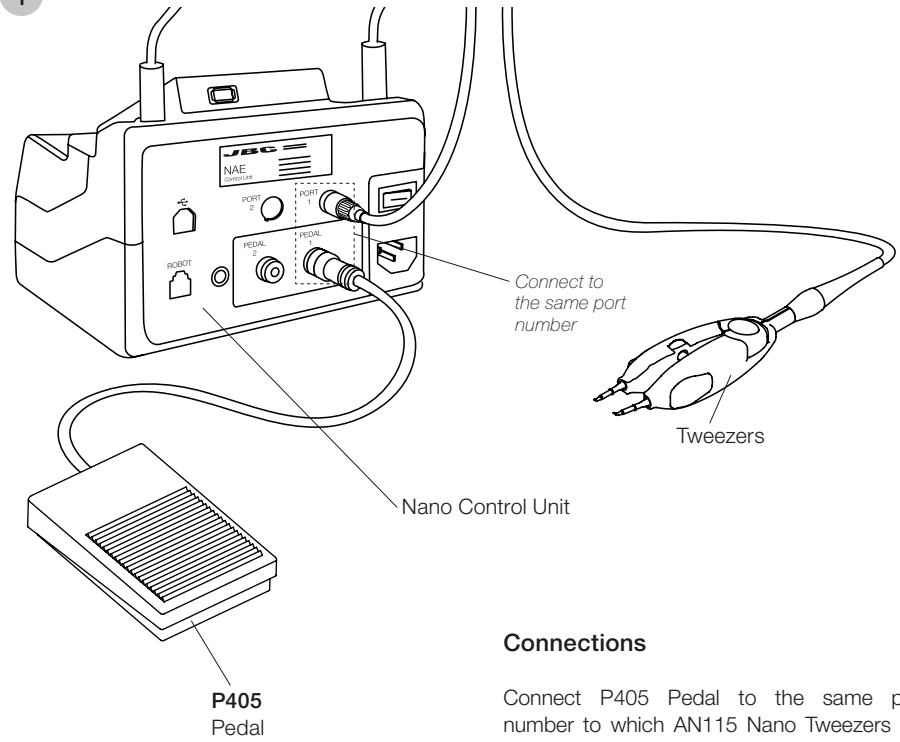


Example:
Chip Component Rework Process using Tweezers and Pedal

The pedal is frequently used to rework components with tweezers.

AN115, JBC's Adjustable Nano Tweezers, is the most effective tool for desoldering chip components. It also facilitates rapid placement and soldering of the components by using P405 Pedal with JBC´s NAE Control Unit.

1

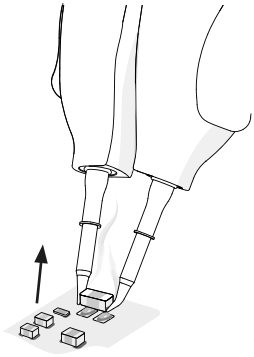


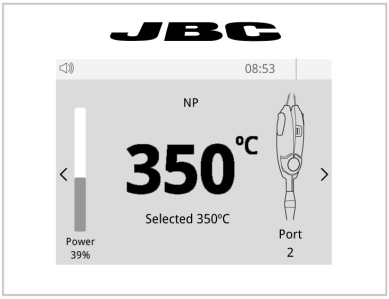
Connections

Connect P405 Pedal to the same port number to which AN115 Nano Tweezers are connected.

In the Peripherals menu, for "Pedal Activation Mode" choose between "pressed" and "released".

2





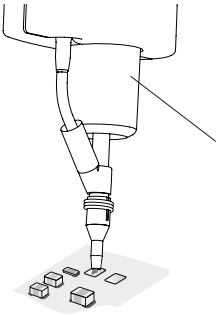
Desoldering*

Lift the tweezers from the holder, press and hold the pedal to activate the tweezers and desolder the component.

Once the pedal is released, the tweezers enter in hibernation mode and cool down.

** "Press Mode" previously selected*

3



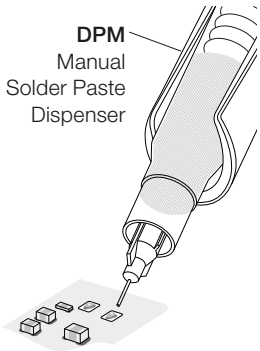
DS360
Micro
Desoldering Iron

Pad Cleaning

Clean the pads with JBC´s desoldering tool DS360.

For this operation, JBC´s desoldering station CS is needed.

4



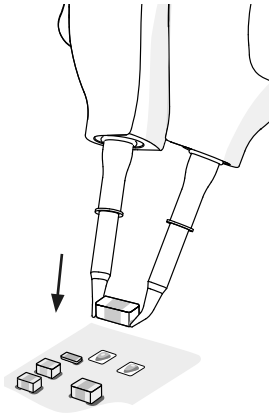
DPM
Manual
Solder Paste
Dispenser

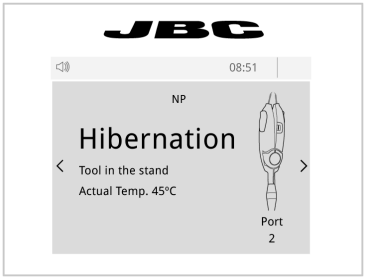
Solder Paste Dispensing

Apply the needed amount of solder paste to solder the new chip component.

It is recommended to use JBC´s DPM Solder Paste Dispenser.

5





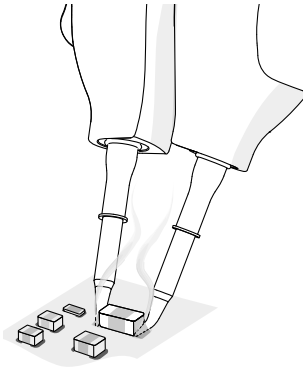
Placing

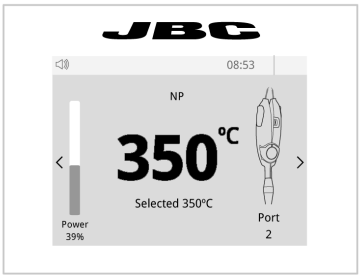
Do not press the pedal.

Use the tweezers to position the component on the previously tinned pad.

Note:
The inactive tweezers prevent the component from heating up prematurely.

6





Soldering

Once in position, press and hold the pedal to activate the tweezers and perform the soldering.

Specifications

P005
Pedal + Adapter Kit
Ref. **P-005**

- Cable Length:	1.9 m / 74.80 in
- Total Net Weight:	414 g / 0.91 lb
- Total Package Dimension / Weight: (L x W x H)	300 x 125 x 65 mm / 560 g 11.81 x 4.92 x 2.56 in / 1.23 lb

Complies with CE standards.
ESD safe.

JBC

Warranty
JBC's 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labor.
Warranty does not cover product wear or misuse.
In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.

This product should not be thrown in the garbage.
In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

CE EAC

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