

# JBC

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Product  
website



## INSTRUCTION MANUAL



### P305

Pedal Kit for Control Units

This manual corresponds to the following references:

P-005

## Packing List

The following items are included:



Pedal ..... 1 unit



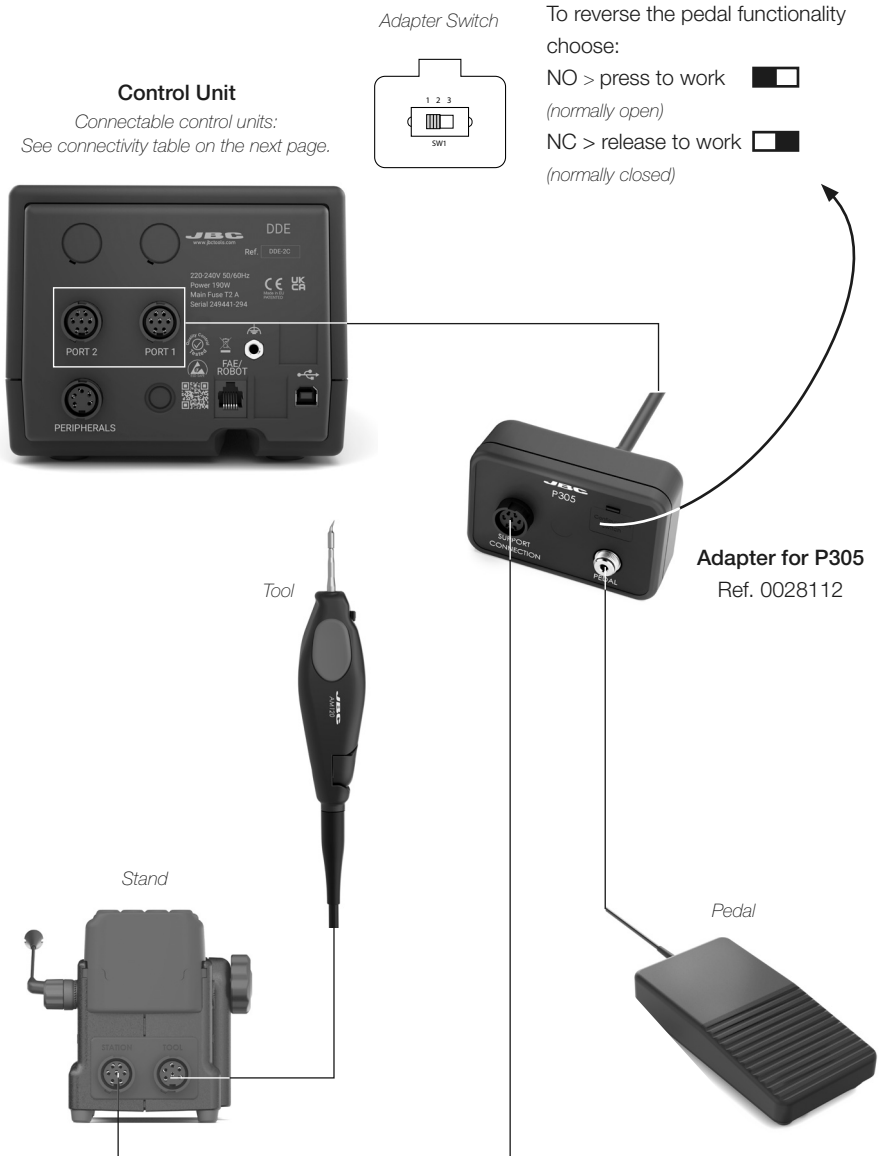
Adapter ..... 1 unit

Manual ..... 1 unit

Ref. 0028918

## Connection Example

Connect the tool stand and the pedal to the adapter. Then connect the adapter to the station port.



# Pedal Compatibility

P305 is compatible with JBC devices as shown in the table, on the highlighted column.

P005\* 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



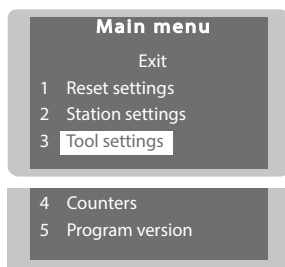
## Pedal Setup for

- **DI** (*Modular Control Unit*)

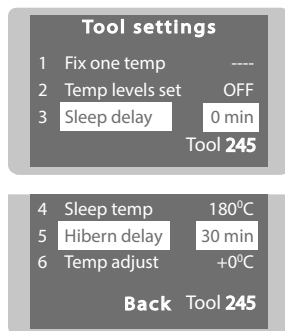
- **WS** (*Wire Stripper Control Unit*)

In order for the tool not to heat up the component before the pedal is pressed, the station's Sleep Delay and Hibernation Delay function must be set to 0 min.

1. Enter the Main Menu and select Tool Settings



2. Change Sleep Delay and Hibernation Delay to 0 min.



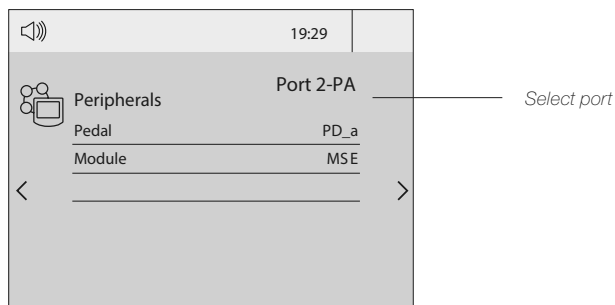


## Pedal Setup for:

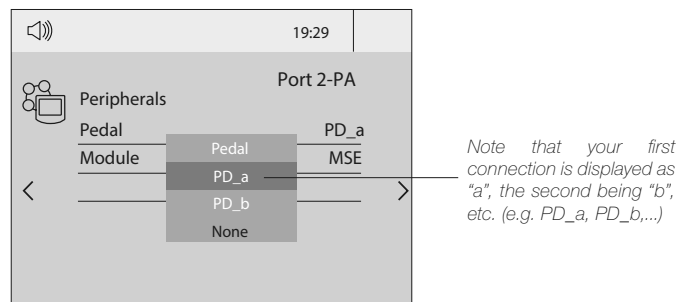
### - DDE, HDE *(Control Units)*

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

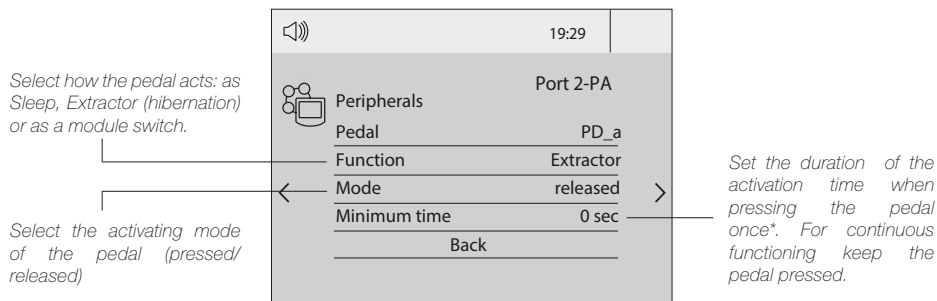
1. Connect the pedal and enter the Peripherals menu. Select the port to which the pedal is connected.



2. Select the pedal from the list.



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

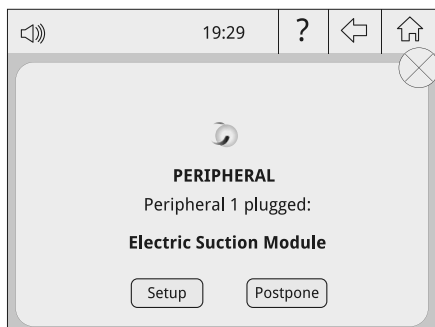




## Pedal Setup for DME *(Control Unit)*

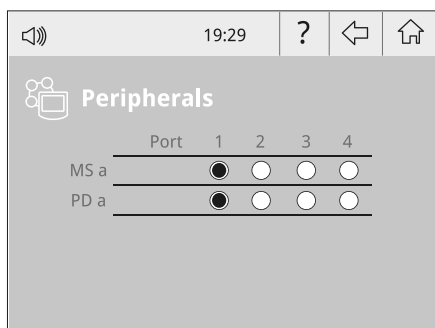
**Note:** Peripheral modules - MSE, MVE or MNE - are needed to connect the pedal to DME. After connecting one of the mentioned modules to the station a popup window opens.

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 denoted 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 .

# Example:

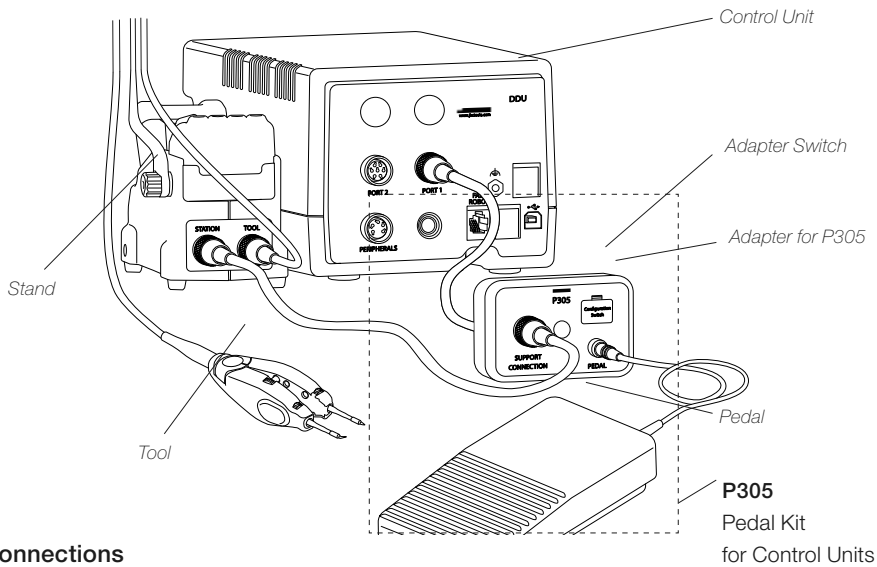
## Chip Components Rework Process using Tweezers and Pedal

The pedal is frequently used to rework components with tweezers.

AN115, JBC's adjustable nano tweezers are the most effective tool for desoldering chip components but also it facilitates its rapid placement and soldering by using the P405 pedal connected to JBC's NAS station.

1

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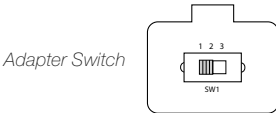


### Connections

Connect pedal P305 to its adapter and then the adapter to the control unit port. The tool must be connected to its stand and the stand to the pedal adapter.

In the peripherals menu for the “Pedal Activation Mode” choose between “pressed” and “released”.

**Note:** If working with P305 and its adapter, choose the pedal functionality at the adapter switch like shown beside.



To reverse the pedal functionality choose:

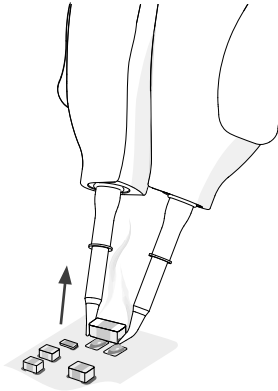
NO > press to work ☐

(normally open)

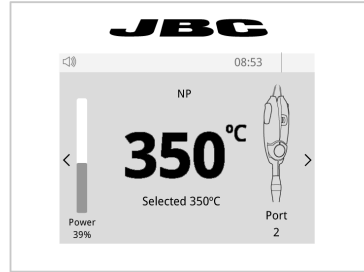
NC > release to work ☐

(normally closed)

2



\* "Press Mode" previously selected

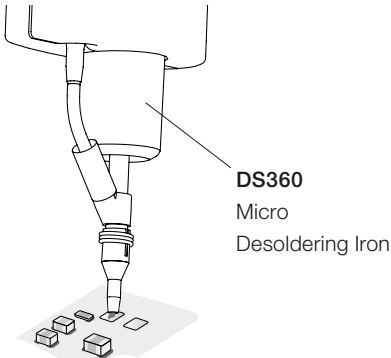


### Desoldering\*

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

Once the pedal is released the tool enters in hibernation mode and cools down.

3

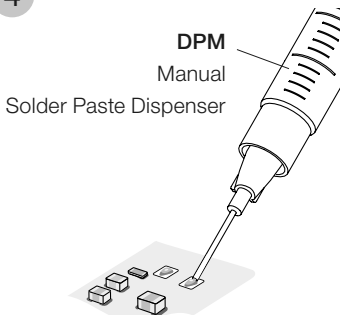


### Pad Cleaning

Clean the pads with DS360 Micro Desoldering Iron.

For this operation, a desoldering station is needed.

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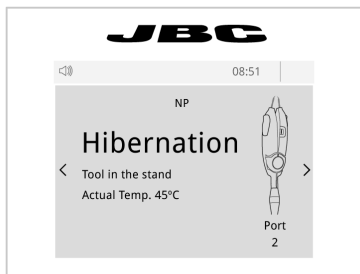
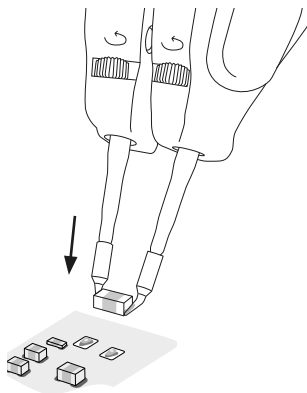


### Solder Paste Dispensing

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

The use of DPM Manual Solder Paste Dispenser is recommended.

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## Placing

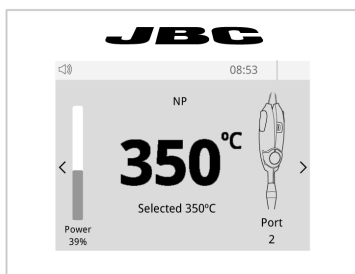
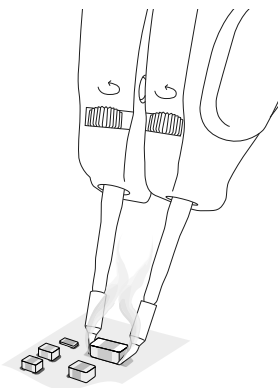
Do not press the pedal.

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

### Note:

The inactive tool prevents the component from heating up prematurely.

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## Soldering

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

## Notes

[illegible]

## Specifications

### P305

#### Pedal Kit for Control Units

Ref. **P-305**

- Pedal Cable Length:	1.9 m / 74.80 in
- Total Net Weight:	513 g / 1.13 lb
- Total Package Dimension / Weight: (L x W x H)	342 x 155 x 120 mm / 783 g 13.46 x 6.10 x 4.72 in / 1.73 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.



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