Heartland

pcAmerica

Setting up the CAS PD-I

This document contains step-by-step instructions for setting up the CAS PD-I to work with CRE.
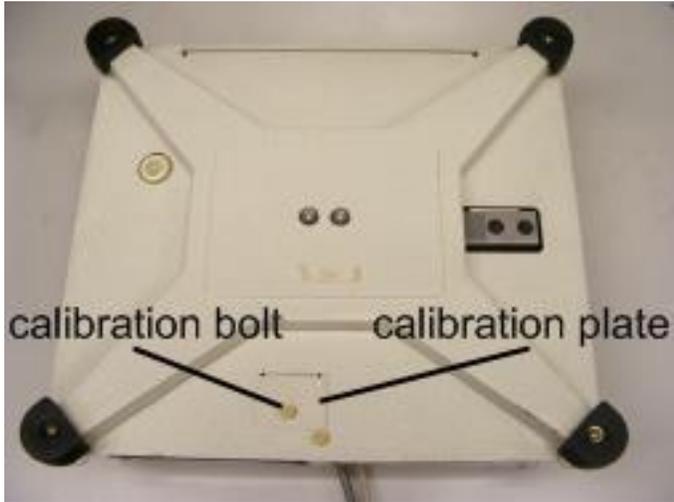
To connect the CAS PD-I to your computer, you need the following cable:

The CAS Part Number is: **JPDB SHARP RS232 7880-PD0-4134** or **IBM 7880-PD0-4128**
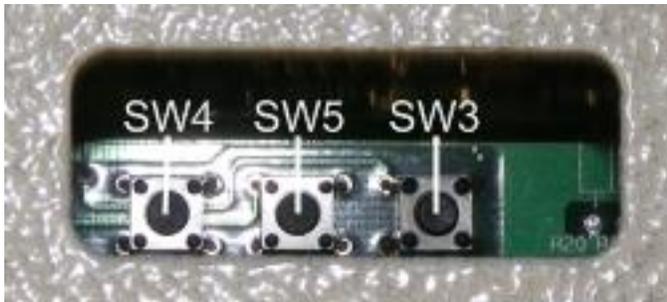
Calibrating the CAS PD-I

To calibrate the scale, turn it off and follow these steps.

After making any of the following changes to the scale you will need to contact Weights and Measures to make sure the scale are certified and weighing items properly.

	1. Remove the calibration bolt and plate.
	2. You will see three black micro-switches. Press and hold down **SW3**. 3. Plug the scale in and turn it on. The power button is located underneath the scale, to the right of the micro-switches.
	4. The weight display will flash "CAL" three times. After this occurs, release **SW3**. You should see "A-d 1" on the display.

5. Put the platter upside down (with the edges facing up) and place it on the scale platform. Make sure that the platter is pushed back far enough as to allow access to all 3 micro-switches and forward enough to be able to safely place 30 lb (or 15 kg) on the platter.

6. Make sure there is nothing on the platter and press **SW3** three times. You should see "CAPA" and a number on the display. This number determines the scale's capacity:

CAPA #	CAPACITY
0	6 x 0.002 lb / 3 x 0.001 kg
1	15 x 0.005 lb / 6 x 0.002 kg
2	30 x 0.01 lb /15 x 0.005 kg

7. Press **SW4** to change the capacity and **SW5** once you have selected a capacity.

8. You should see "Unit" and a number on the display. This number determines what unit the scale will use:

Unit #	Unit used
0	Kilograms (kg)
1	Pounds (lb)

9. Press **SW4** to change the unit and **SW5** once you have selected a unit.

10. You should see "tyPE" and a number on the display. This number determines the scale's interface type. Press **SW4** until the number is **5**.

11. Press **SW5**. "End" will be displayed, "CAL" will flash three times, and then "A-d1" will be displayed.

	12. Turn the scale off and place the platter properly on the platform. 13. Turn the scale on.
	14. If all went well, the scale will do a test cycle and display **0.00**. If this does not occur, turn the scale off, remove the platter, and repeat steps 2-13 until it does.

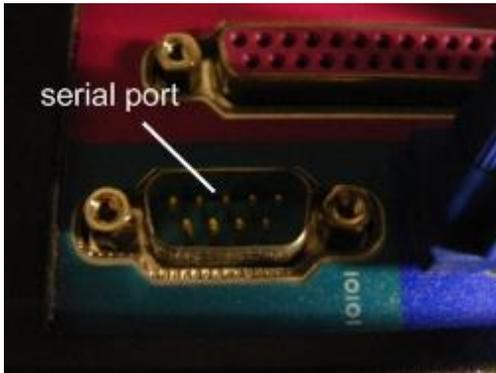|	15. Remove the platter. 16. Replace the calibration bolt and plate.
	17. Replace the platter.

Connecting the CAS PD-I to your computer

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The CAS Part Number is: **JPDB SHARP RS232 7880-PD0-4134** or **IBM 7880-PD0-4128**

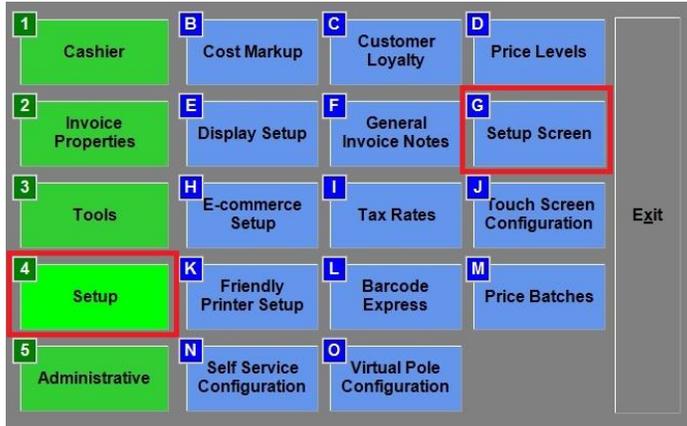Turn off your computer and follow these steps:
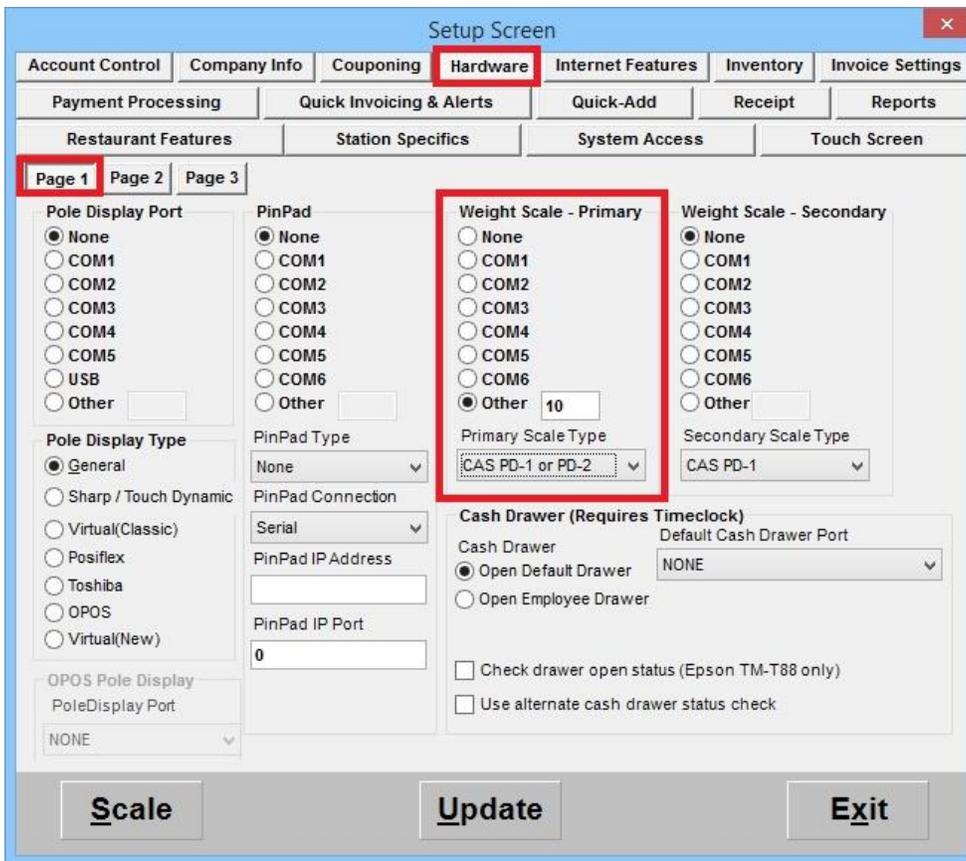
	1. Find the serial port on your computer.
	2. Plug the serial cable connected to the scale into the port.

Setting up the CAS PD-I to work with CRE

To set up the scale to work with CRE, turn on the computer, start CRE, select **Manager**, provide the requested credentials, and follow these steps.

	1. Select **Setup** and then **Setup Screen**.
	2. Select the **Hardware** tab. 3. Select the COM port that the scale is connected to. Many systems have labels on the ports that contain this information. If yours does not, select **COM 1**. You may need to select other COM ports later if CRE does not find the scale. Enter the optional tare amount. Leave at 0 if you do not want to use a tare. 4. Select **CAS PD-I or PD II** for "Primary Scale Type".

	5. Select **Page 2**. 6. Select the radio button next to **30x.01 lb** under "Scale Weight Formatting". 7. Select **Scale**.
	8. Activate the scale feature and select **Done**.
	9. Select **Update**.