

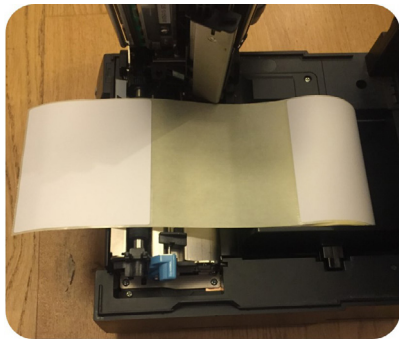
**Calibrating using the printers default SEE THROUGH setting**

*This is for use with standard labels with backing paper*

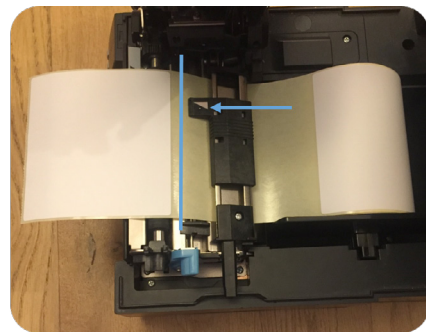


Load the paper in the printer making sure the leading edge of the label is hanging over the front of the printer and with the second label removed from the backing paper as shown in the photo. Close the upper sensor and the print head.

**Lable Removed**



**Upper Sensor Arm Closed**



We have shown a **CLS 621** here, but the process is the same with other citizen variants. The only thing to remember, when opening the print head on the **621** and **631** printers, the sensor arm stays down over the label, whereas on the **521** the sensor arm raises automatically with the print head. The red line is the **SENSOR LINE**. On all printers there is now a white triangle to help with the sensor line up process.

**Automatic Sensor Adjustment**



1. Load the paper as shown above and close the mechanism.
2. Turn **ON** the printer holding the top 3 buttons **PAUSE, FEED** and **STOP**.
3. The printer will power up with the **POWER PRINT** and **CONDITION** lights **ON**.
4. Press and hold the **MODE** button. While keeping it depressed, press and re lease the **PAUSE** button.
5. The printer will move the paper about **1cm** making a slight buzz at the same time. The condition light will flash briefly and the print light goes **OFF** while the paper is moving.
6. The calibration is now complete. If there are no errors or messages, press the **STOP** button to save the changes and the printer resets.

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## Caliberating meida in “Reflective” mode



First ensure the printer is in “**Reflective**” mode.

1. Install the media to be calibrated ensuring that the black mark is at least **3cm** away from the media sensors **LINE** and close the mechanism.
2. Turn **ON** the printer holding the top 3 buttons **PAUSE, FEED** and **STOP**.
3. The printer will power up with the **POWER, PRINT** and **CONDITION** lights **ON**.
4. Press and hold the **MODE** button. While keeping it depressed, press and release the **PAUSE** button.
5. The printer will move the paper about **1cm** making a slight buzz at the same time. The condition light will flash briefly and the print light will switch **OFF** while the paper is moving.
6. The calibration is now complete. If there are no **ERROR** messages, press the **STOP** button to save the changes as the printer resets.

## Calibrating media in NOTCH or HOLE mode

First ensure the printer is in **SEE THROUGH** mode (**DEFAULT**), as described above.

1. Make sure the upper and lower sensors line up with the **NOTCH** or **HOLE** and with themselves. You may find you do not even need paper in the printer for this process.
2. Close the Mechanism.
3. Turn **ON** the printer holding the top 3 buttons **PAUSE, FEED, and STOP**.
4. The printer will power up with the **POWER, PRINT, and CONDITION** lights **ON**.
5. Press and hold the **MODE** button. While keeping it depressed, press and release the **PAUSE** button.
6. The printer will move the paper about **1cm** making a slight buzz at the same time. The condition light will flash briefly and the print light goes **OFF** while the paper is moving.
7. The calibration is now complete. If there are no **ERROR** messages, press the **STOP** button to save the changes and the printer will reset.

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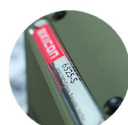
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