

3.4.3 Standard Calibration

The Standard Calibration can be performed using the NETira CT Utility (see Section 3.3) or using the front panel buttons via the printer's menu, see Section 4.5. Standard Calibration provides dynamic readings, which can be helpful when using media with small position-critical notches or marks. Three calibration samples are required:

Empty – with nothing over the sensor;

Gap, Notch, Hole or Mark – with media liner, a notch, hole, or a mark over the sensor; and,

Paper – with the label (and liner, if any) over the sensor.

Calibrate the Media Sensor using the steps below:



The Sensor Calibration menu item is only accessible in the Advanced Menu mode.

Step	Action	Displayed Message	Comment
A	Turn ON the printer.	READY	Wait briefly for initialization to complete.
B	Press MENU Button. Make sure MEDIA SETTINGS is highlighted and press ENTER. Then using the DOWN Button, scroll to SENSOR CALIBRATION.	(Printer Menu)	
C	Press ENTER to access SENSOR CALIBRATION. Then using the DOWN Button, scroll to PERFORM CALIBRATION. Press ENTER again and then press YES to proceed.	PERFORM CALIBRATION	Press NO to abort this procedure.
D	With no media installed, press ESC.	REMOVE LABEL STOCK PRESS ESC KEY Yyy	This sets the empty value, where "yyy" represents the current sensor reading.
E	Proceed according to the media type: Die-Cut – Remove a label or two from the liner then install the media. Position the Media Sensor under the liner area and press ESC. Notched (or Reflective) – Install media. Position the Media Sensor under a notch (or black mark) and press ESC. Continuous – Press ESC then proceed to Step F.	<i>For die-cut media:</i> SCAN BACKING PRESS ESC KEY YYY <i>For Notched/Reflective media:</i> SCAN MARK PRESS ESC KEY yyy <i>For continuous media:</i> REMOVE LABEL STOCK PRESS ESC KEY Yyy	This sets the gap (or mark) value, where "yyy" represents the current sensor reading. <input checked="" type="checkbox"/> See Section 2.3 for sensor adjustment instructions. <i>Do not position a perforation over the sensor when taking the sample.</i> <i>(3) For small notches or reflective marks, ensure that the labels exit straight from the printer.</i> <i>(4) Unless otherwise noted, do not move the Media Sensor after this step.</i>

Standard Calibration (continued)

Step	Action	Displayed Message	Comment
F	<p>Proceed according to the media type:</p> <p>All media except Continuous – Position label material (and liner, if any) over the sensor then press the ESC Key.</p> <p>Continuous – Install media. Position the Media Sensor under the stock and press ESC.</p>	<p>SCAN PAPER</p> <p>PRESS ESC KEY</p> <p>yyy</p>	<p>This sets the paper value, where “yyy” represents the current sensor reading.</p> <p>(1) If using preprinted media, ensure that the area placed over the sensor is free of text, graphics, or borders.</p> <p>(2) See Section 2.3 for sensor adjustment instructions.</p>
G	<p>Observe the calibration result.</p>	<p>CALIBRATION COMPLETE</p>	<p>Calibration was successful.</p> <p>☑ If WARNING LOW BACKING is displayed, calibration was successful.</p>
H	<p>Press ESC then EXIT to return to READY.</p> <p>When calibrating gap or reflective media, press and hold the FEED Key until at least one label is output.</p>	<p>CALIBRATION COMPLETE</p> <p>Followed by...</p> <p>READY</p>	<p>The printer is now ready for use.</p>