Media Sensor Profile Procedure

Print Sensor Profile
A sensor profile shows sensor settings compared to actual sensor readings. This label (which will extend across several actual labels or tags) can be used to troubleshoot printing problems. To interpret the results of the sensor profile, see Sensor Profile.

To print a sensor profile:
1. Press SELECT to select the parameter.
2. Press PLUS (+) to start this standard calibration procedure and print a media sensor profile.
3. If the sensitivity of the sensors must be adjusted, perform Calibrate Media and Ribbon Sensor Sensitivity.
4. Press SELECT to accept any changes and deselect the parameter.

Sensor Profile

Use the sensor profile label to troubleshoot the following types of problems:
- If the media sensor experiences difficulty in determining gaps (web) between labels.
- If the media sensor incorrectly identifies preprinted areas on a label as gaps (web).
- If the ribbon sensor cannot detect ribbon.

For instructions on printing a sensor profile, see Print Sensor Profile. If the sensitivity of the sensors must be adjusted, perform Calibrate Media and Ribbon Sensor Sensitivity.

Ribbon Sensor Profile (Figure 23) The bars (1) on the sensor profile indicate the ribbon sensor readings. The ribbon sensor threshold setting is indicated by the word RIBBON (2). If the ribbon readings are below the threshold value, the printer does not acknowledge that ribbon is loaded.

Figure 23 • Sensor Profile (Ribbon Section)
Media Sensor Profile (Figure 24) The media sensor readings are shown as bars and flat areas on the sensor profile. The bars (1) indicate gaps between labels (the web), and the low areas (2) indicate where labels are located. If you compare the sensor profile printout to a blank length of your media, the bars should be the same distance apart as the gaps on the media. If the distances are not the same, the printer may be having difficulty determining where the gaps are located.

The media sensor threshold settings are shown by the words MEDIA (3) for the media threshold and WEB (4) for the web threshold. Use the numbers to the left of the sensor readings to compare the numeric readings to the sensor settings.

Figure 24 - Sensor Profile (Media Section)