



# V4.70x

## Summary of Firmware Release

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This document summarizes the following V4.70x firmware releases:

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### V4.70C

**Release Date: 26 April 2011**

This firmware release includes all features of the previous V4.70 release. It is for use with the following EPL printer models:

- TLP 3842™

### Issues Corrected

Memory management when downloading multiple font files has been improved.

### V4.70

**Release Date: 15 May 2006**

This firmware release includes all features of the previous V4.44 release. It is for use with the following EPL printer models:

- TLP 3842™

### New Features

- The head up sensor can now be enabled or disabled. The default condition is enabled. The command to disable the head up sensor is Oh0. The command to reenble the head up sensor is Oh1.
- Updated EAN128 barcode application identifiers, series 4xx, 7xxx, 8xxx and 90.
- Enabled ^ee processing during USB communications. This allows status to be returned during media out and other printer busy conditions.
- Changed the behavior of the power on autosense. The printer no longer switches to continuous mode if no gap or black line is detected.

## Issues Corrected

- Corrected an issue that caused descenders on some Japanese and Korean fonts not to print correctly.
- Corrected an issue where the timestamp string (TT) was corrupted in a Code128 barcode.
- Corrected an issue relating to the compaction of Datamatrix barcodes. Some barcodes will now appear smaller in size due to the correction in the compaction algorithm.
- Corrected an issue where a combination of JB, Qx,0 with x less than 96 did not detect media out.
- Corrected a PDF417 issue where a combination of parameters and data produced a non scannable symbol or no symbol at all.
- Corrected an issue where MSI barcodes produced at 90 or 270 degrees would not scan.
- Corrected an issue where double responses to the ^ee command could occur over the USB port.
- Improved the USB communications to handle more ^ee requests.
- Adjusted the cut position so cuts are made in the center of the gap.
- Corrected an issue in RSS barcodes that caused human readable data to be corrupt if the data was all zeros.
- Corrected an issue that caused a fatal error in the printer if the data in a form based RSS Limited barcode exceeded the maximum limit.
- Corrected an issue where the second buffer was not cleared correctly when using double buffering and forms without counters.
- Adjusted continuous mode sensor threshold to prevent false media out conditions.
- Corrected an issue that caused barcode human readable text to be inverted (white on black) if it followed a text field that was inverted.
- Corrected an issue when using black line media and ZB mode that could cause a mis-positioned image or label skipping.
- Corrected errors in the media stepping that could occasionally cause positioning errors.
- Corrected an issue that caused some incorrect characters to be printed when using internal fonts 1, 2 or 3 and code page 850.