

# Technical Bulletin

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To: Internal 7/3/00  
FSTs (Remoteware) T-04-00  
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## **LA/1000 Firmware: Version 4.0/4.1 Release**

LA/1000 firmware Version 4.0 adds tamp capabilities to the LA/1000, including support for the Label Present and Retract sensors mounted on the tamp pad assembly. Version 4.0 also enables the watch dog timer on the PIC17C43 microcontroller (U3 on the CPU board), enabling the LA/1000 to reset itself should the program "get lost" for any reason.

Version 4.1 fixes a minor bug in the routine that measures a label's length. The bug may affect operation when labels are between 12 and 20 inches long. Version 4.0 also increases the maximum label length for tamp systems from 12 inches to 20 inches, making the maximum label length 20 inches for all systems.

Version 4.0 and later must be used with Rev. E or later LC/1000 CPU boards (7532-050). It is NOT backward compatible with earlier revision level boards. Because it is not backward compatible it has been assigned a new part number: 7532-720.