

15.02 Firmware Release for XL4, XL7, EXL6, EXL10, & X5

Horner Automation has released Firmware revision for the XL4, XL7, EXL6, EXL10, & X5.

This is available for download from the firmware section at the following websites:

North American Website: <https://hornerautomation.com/controller-firmware/>

European Website: <http://www.horner-apg.com/en/download.aspx>

NOTE: When performing a Firmware update, always select Install Bootloader so that all system files are updated.

Latest System File Revisions	
Firmware	15.02
FPGA	0.5
InitRD	1.08
OS Version	2.6.35.53

A NOTE ABOUT FIRMWARE UPDATES:

This firmware has been thoroughly tested, and every precaution has been taken to prevent the introduction of new issues that may be problematic in your application. It is always important for customers to perform their own internal system testing prior to deployment of the new firmware.

Firmware 15.02 Additions

FEATURE ADDITIONS	
1.	Added 2 counter or 4 counter FPGA mode to System Menu so that it shows the FPGA mode (2 counter or 4 counter) loaded in the unit.
2.	Added Touch Pressure SR registers (%SR9 and %SR10).
3.	Added feature to detect failure in saving of retentive registers at power up.

Firmware 15.02 – Issues and Fixes

	ISSUES	FIXES
1.	Email was not being sent if username and password were not configured.	Corrected.
2.	XL7 Calibration – Final button on calibration page not working.	Remapped touch coordinates to be within the accepted range.
3.	In certain applications, applications with continuous read, write, copy, and delete operations to the microSD, it could result in watchdog reset or an incorrect error status blocking further operations to micro SD.	Corrected.
4.	ASCII object configured with custom fonts and legend justification to right caused unit to lockup in certain applications	Corrected.
5.	In WebMI applications, if sample rate for trends was configured to use registers instead of constants, it was not working.	Corrected.
7.	X5 - Touching right corner for slide out keys would open System Menu instead.	Corrected.
8.	When using RM blocks to delete files with specific name, all files with similar names were getting deleted e.g. OCS.CSV would also delete OCS1.CSV	Corrected.

9.	After setting new time using SET_CLK function, RTC values would revert to previous values.	Corrected.
10.	RTC jumped ahead several days in certain applications with very high USB port access.	Corrected.
11.	In certain conditions, changing CAN baud rate from system menu resulted in unit lockup	Corrected.
12.	When using NTP protocol, RTC date was behind one day for non-leap year	Corrected.

Technical Support

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