

Firmware 15.52 Release Notes

Horner Automation has released a new Firmware revision for the XLE/XLEe, XLT/XLTe & X2. 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.hornerautomation.eu>

NOTE: This Firmware release requires bootloader to be installed. It is not an option.

Latest System File Revisions for the XLE/XLEe and XLT/XLTe	
Firmware	15.52
BIOS	0.28
CPLD	2.0

Latest System File Revisions for the X2	
Firmware	15.52
BIOS	0.15
CPLD	1.0

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 15.52 - New Features	
1.	Increased ladder size from 256KB to 512KB. (4318)

Firmware 15.52 - Bug Fixes	
1.	XLE/XLEe and XLT/XLTe only - Resolved issue where stepper count was off by 1 or 2 in second generation XLE. (4004)
2.	XLEe and XLTe only - Resolved issue where email was not working if Modbus TCP was configured. (3711)
3.	Resolved issue where the unit was continuously rebooting when the downloaded program was configured with > %R2048 in PID block and placed in RUN mode. (4943)
4.	Resolved issue where a unit was continuously rebooting when "Auto Tune" feature was enabled in PID block in Firmware 15.50 . (5646)

Firmware 15.52 - Known Issues		
	Issue	Affected Controller(s)
1.	Filename counter is not working properly if a file with screen capture is downloaded previously. WORKAROUND: Clear application if the previous csp file had screen capture enabled and re-download the filename counter csp file.	XLE/XLEe, XLT/XLTe, X2
2.	Autoload program is not working for security file if the timer to enter password get expired. Next time onwards option for Autoload is not working. WORKAROUND: Clear application and do a power cycle. Then load clone manually.	XLE/XLEe, XLT/XLTe, X2
3.	Datalog with 10 groups, each has 10 Dint variables, then watchdog trip/system exception occurs while we insert/remove MicroSD card. WORKAROUND: Make %SR174.1 high and wait for %SR174.2 to become high before removing the microSD.	XLE/XLEe, XLT/XLTe, X2
4.	If there is a baud rate mismatch for CANopen between master and slaves, increase in scan rate is seen. WORKAROUND: This is not going to happen in the actual setup as baud rates should match.	XLE/XLEe, XLT/XLTe
5.	Backup register feature takes long time impacting the scan rate in Run mode	XLE/XLEe, XLT/XLTe, X2
6.	Status Register bit for Transmit Message failure is not updating in J1939. WORKAROUND: This bit is dependent on the hardware peripherals and as we are indicating Passive and Bus off errors properly, this status is redundant.	XLE/XLEe, XLT/XLTe
7.	WebMI License details on System Menu is not shown if Ethernet cable is removed. WORKAROUND: Connect Ethernet cable to check the WebMI license.	XLE/XLEe, XLT/XLTe, X2
8.	Analog inputs will stop working if profibus with 106 I/O card is kept operational for extended time, approx. 3 to 5 days.	XLE/XLEe, XLT/XLTe
9.	If there is parity and stop bit mismatch for serial setting, the communication still happens.	X2

Technical Support

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