

Firmware 15.60 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 and XLT | |
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| Firmware | 15.60 |
| BIOS | 0.28 |
| CPLD | 2.0 |

| Latest System File Revisions for the XLEe and XLTe | |
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| Firmware | 15.60 |
| BIOS | 0.30 |
| CPLD | 2.0 |

| Latest System File Revisions for the X2 | |
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| Firmware | 15.60 |
| 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 15.60 - Bug Fixes | |
|----------------------------|--|
| 1. | Resolved issue when Full Duplex communication was not working properly with multiple slaves connected. (7587) |
| 2. | Applicable to XLEe / XLTe only Resolved issue when WebMI license details on System Menu were not retained if ethernet cable or microSD card was removed. (9554/1258) |

| Firmware 15.60 - Known Issues | | |
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| | Issue | Affected Controller(s) |
| 1. | Autoload program is not working for security file if the timer to enter password expires. Afterwards, Autoload will fail to work. (5718) WORKAROUND: Clear application and do a power cycle. Then load clone manually. | XLE/XLEe, XLT/XLTe, X2 |
| 2. | If a Datalog has 10 groups and each has 10 DINT variables, then the watchdog trip/system exception occurs when microSD card is inserted or removed. (5720) WORKAROUND: Make %SR174.1 high and wait for %SR174.2 to become high before removing the microSD card. | XLE/XLEe, XLT/XLTe, X2 |
| 3. | If there is a baud rate mismatch for CANopen between master and slaves, then an increase in scan rate is seen. (5721) WORKAROUND: Ensure the baud rates match during the actual setup. | XLE/XLEe, XLT/XLTe |
| 4. | Backup register feature takes excessive amount of time impacting the scan rate in Run mode. (5719) | XLE/XLEe, XLT/XLTe, X2 |
| 5. | Status Register bit for Transmit Message failure is not updating in J1939. (5722) WORKAROUND: This bit is dependent on the hardware peripherals, and if the Passive and Bus Off errors are indicating properly, this status is redundant. | XLE/XLEe, XLT/XLTe |
| 6. | XLE/XLEe and XLT/XLTe Model 6 units only - Analog inputs will stop working if profibus with 106 I/O card is kept operational for extended time, approx. 3 to 5 days. (5723) | XLE/XLEe, XLT/XLTe |
| 7. | If there is parity and stop bit mismatch for serial setting, the communication still happens. (5724) | X2 |
| 8. | Requires 2 power cycles to activate J1939 license in the device if the J1939 start register is enabled before loading the license. (5453) WORKAROUND: Start J1939 protocol only after loading the license. | XLE/XLEe, XLT/XLTe |

Technical Support

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