

Firmware 17.32 XL Prime Release Notes

Horner Automation has released a new Firmware revision for the following **XL Prime** products: **XL6 Prime, XLW Prime, XL4 Prime, XL7 Prime, XL10 Prime, X5 Prime, XL10W and XL15 Prime.**

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>

Latest System File Revisions for Products:	
Firmware	17.32
FPGA	0.2
Operating System	4.19.49
System Version	111

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.

Bug Fixes		Affected Controllers: All Prime models
#	Main Subject	Description
1.	Boot-Up Issue at Cold Temperatures	Resolved: Device boot-up issue at cold temperatures.

Known Issues		Affected Controllers: All Prime models
#	Subject	Description
1.	CANOpen	<ul style="list-style-type: none"> The CANOpen application does not work as expected if the application is converted from IEC to Enhanced IEC, then from Enhanced IEC to IEC, then again from IEC to Enhanced IEC and back... repeatedly, followed by attempting to download. Downloading the program is not working using CANOpen Passthrough. Changing CAN baud rates continuously in the System Menu may cause the unit to reset, and the watchdog count may increase (this is a random occurrence). The device does not enter RUN mode if the CANOpen SET NMT block is configured in the Array of Structure Enabled IEC program.
2.	Trend	<ul style="list-style-type: none"> For Snapshot / Continuous trend types, the power cycle starts at a slow pace and then increases in speed. Retentive Trend – After a power cycle, the vertical line indicating a power loss is not being drawn on the trend.
3.	J1939 protocol	The Transmit PGNs Send On trigger is not working when configured in the Enhanced IEC program.
4.	IEC Open Ladder Block	IEC Open Flexible Comm block is not working when variables are not tagged in the Array of Structure mode.
5.	Recipe Configuration	The creation of a recipe file (*.csv) within the folder is not working.
6.	String Block	The String block Insert Character is not inserting characters while giving string input (Sin) as a constant – Enhanced IEC.
7.	PWM	PWM 1 and PWM 2 do not work correctly for a maximum count of 32000.
8.	WebMI Issues	<ul style="list-style-type: none"> Menu Object Edit Screen Sync options are not working for Menu Options like Enter, Esc, etc. Bit Map In Bitmaps, the number of Colors selection 2 is not working correctly and there is a difference seen in the webpage and device when the number of colors selection is 16. <p><i>Continued on next page....</i></p>

Known Issues		Affected Controllers: All Prime models
	WebMI Issues, cont.	<ul style="list-style-type: none"> • Data Trend The X-Axis Range font does not appear as per the configuration. • Retentive Trend When accessing the Data Trend page, if the user navigates between tabs, then Data Trend does not appear correctly on the webpage. The Minutes and Hours sample rate is not working correctly on webpages • Removable Media (RM) Selecting the RM block does not display files.
9.	Serial Downloadable Port MJ1 / MJ2 (External Registers)	<ul style="list-style-type: none"> • If there is a mismatch between the serial downloadable master/slave parity and stop bits, the CRC and No response do not increase. • The manual update trigger bool is resetting without successful polling when the slave ID is Invalid. • The External Register, while switching screen three (3) to four (4) times, continuously increases corrupt response for one (1) to three (3) minutes, for every screen switch.
10.	Shape Object	If the line color is selected as 'None' in the line shape object, a white line appears on the display of the device.
11.	SR5	%SR5 does not display correct value when device is in online / safe mode.
12.	WIFI in Client Mode	The device requires a power cycle for WI-FI to work, when the user downloads the WI-FI client program, after downloading the access mode program.
Applicable to X5 Prime Models Only		
14.	Digital Outputs	Outputs that are ON during a power cycle may remain ON for up to 1.8 seconds while the unit reboots.

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