

## Firmware 17.04 XL Prime Release Notes

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Horner Automation has released a new Firmware revision for the **XL Prime** product series:  
**XL4 Prime, XL6 Prime, XLW Prime, XL7 Prime, XL10 Prime, X5 Prime, 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                                   | 17.04   |
| FPGA                                       | 0.2     |
| Operating System                           | 4.19.49 |
| System Version                             | 64      |

**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 17.04 – Bug Fixes |                         | Affected Controllers: XL15 Prime Models                             |
|----------------------------|-------------------------|---|
| #                          | Main Subject            | Description   |
| 1.                         | USB Type C Connectivity | Resolved: USB Type C communication not working on XL15 Prime model. |

| Firmware 17.04 – Known Issues |                       | Affected Controllers: All Prime Models   |
|-------------------------------|-----------------------|--|
| #                             | Subject               | Description  |
| 1.                            | CANOpen               | <ul style="list-style-type: none"> <li>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.</li> <li>Downloading of program is not working using CANOpen Passthrough</li> <li>Changing of CAN baud rates continuously in the System Menu may cause the unit to reset and Watchdog count may increase; this is a random occurrence</li> <li>Device not entering RUN mode if CANOpen SET NMT block is configured in the Array of Structure Enabled IEC program</li> </ul> |
| 2.                            | Trend                 | <ul style="list-style-type: none"> <li>For Snapshot / Continuous trend types, after the power-cycle starts at a slow pace and then increases in speed</li> <li>Retentive trend - After power-cycle, does not retain value and no vertical line is drawn</li> </ul>   |
| 3.                            | Screen Capture        | Screen capture is not working for playback and streaming   |
| 4.                            | J1939 Protocol        | Transmit PGNs Send On trigger is not working when configured in Enhanced IEC program   |
| 5.                            | IEC Open Ladder Block | IEC Open Flexible Comm block not working when variables are not tagged in the Array of Structure mode  |
| 6.                            | WI-FI                 | Wi-Fi downloadable protocol (Modbus Client) is not working with External Registers   |
| 7.                            | Recipe Configuration  | Creation of recipe file (*.csv) within folder is not working   |
| 8.                            | String Block          | String block Insert Character is not inserting a character while giving string input (Sin) as constant – Enhanced IEC  |
| 9.                            | PWM                   | PWM 1 and PWM 2 do not work as expected for maximum count of 32000   |

| Firmware 17.04 – Known Issues             |   | Affected Controllers: All Prime Models  |
|---|---|---|
| 10.                                       | WebMI   | <ul style="list-style-type: none"> <li>• <b>Menu Object</b><br/>Edit Screen Sync options are not working for Menu Options such as Enter, Esc, etc.</li> <li>• <b>Bitmap</b><br/>In Bitmaps, Number of Colors Selection 2 is not working correctly and there is difference seen in the webpage and device when Number of Colors Selection is 16.</li> <li>• <b>Data Trend</b><br/>X-Axis Range font is not appearing as per the configuration.</li> <li>• <b>Retentive Trend</b><br/>When accessing the Data Trend page, if the user navigates between tabs, then Data Trend does not appear correctly on webpage. The Minutes and Hours sample rate is not working correctly on webpages.</li> <li>• <b>Removable Media (RM)</b><br/>Selecting the RM block does not display files</li> </ul> |
| 11.                                       | Serial Downloadable Port MJ1 / MJ2 (External Registers) | <ul style="list-style-type: none"> <li>• If there is a mismatch between the serial downloadable master / slave parity and stop bits, the CRC and No response does not increase.</li> <li>• Manual update trigger bool is resetting without successful polling when the Slave ID is Invalid.</li> <li>• 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.</li> </ul>   |
| 12.                                       | 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.  |
| 13.                                       | SR5   | %SR5 does not display correct value when the device is in online / safe mode.   |
| <b>Applicable to X5 Prime Models Only</b> |   |   |
| 14.                                       | Digital Outputs   | Digital outputs turn ON for 1.8 seconds when the device is powered on.  |
| 15.                                       | Video Streaming   | Streaming is not working for "FULL SCREEN" resolution.  |

### Technical Support

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