

## XIP-3901-DC

### Release History

Release Version	Comprising:		Release Date	User Manual for this Release (Grass Valley Document #)
	Firmware Version	Software Version		
<a href="#">1.1.0</a>	1.1.0.218	1.1.0	2019-02-15	13-03065-010 Rev. AD
<a href="#">1.0.0</a>	1.0.0.207	1.0.0	2018-09-28	13-03065-010 Rev. AB

**NOTES:** The iControl compatibilities shown below are officially supported by Grass Valley. Earlier versions may also work, with bugs or limited features.

The reference number (Ref #) given for each feature or bug in these release notes refers to internal Grass Valley documentation.

## UPGRADE PACKAGE: 1.1.0

Firmware version: [1.1.0 \(CPU 1.1.0.218, FPGA 1.0.0.82\)](#)

Release date: [2019-02-15](#)

iControl compatibility: [7.51+](#)

iControl Solo compatibility: [7.51+](#)

RCP-200 compatibility: [N/A](#)

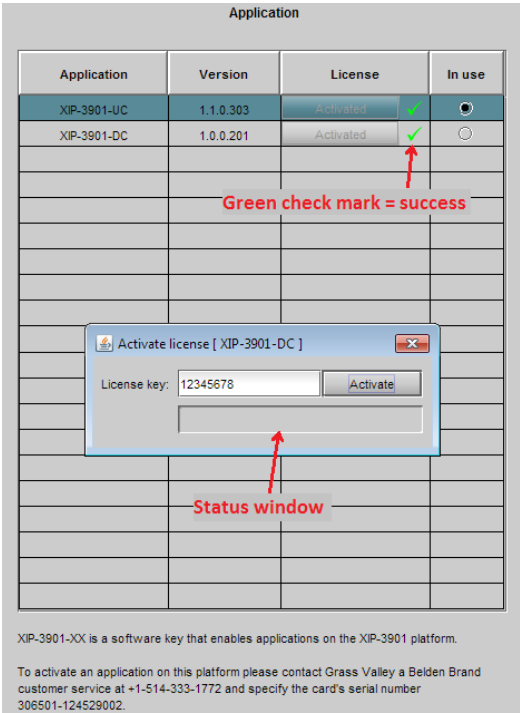
Hardware compatibility: [This upgrade package applies to all existing hardware assemblies.](#)

Release type: [Official release](#)

## ENHANCEMENTS & NEW FEATURES

Ref #	Description
<a href="#">XIP3901DC-900</a>	<p><b>Wide HDR Ref White Range</b></p> <p>Support wide HDR Ref White range for :</p> <ul style="list-style-type: none"> <li>- SDR to HLG BT.2100</li> <li>- HLG BT.2100 to SDR</li> <li>- SDR to PQ BT.2100</li> <li>- PQ BT.2100 to SDR</li> </ul>
<a href="#">XIP3901DC-899</a>	<p><b>Input &amp; Output Range</b></p> <p>Control Input Range for PQ BT.2100 to SDR and Output Range for SDR to PQ BT.2100</p>
<a href="#">XIP3901DC-901</a>	<p><b>New Rear XIP-3901-3+DRP-H</b></p> <p>Support new XIP-3901 rear with HD BNC</p>

## BUG FIXES

Ref #	Description
<a href="#">XIP3901DC-833</a>	<p><b>Application Manager does not show success after activating a license.</b></p> <p>The Application Manager panel is used to activate or switch between applications. It shows all the applications on the platform, their respective versions, whether their license keys have been activated, and which one is currently in use. It is accessed by clicking the Application button in the iControl XIP-3901-UC control panel.</p> <p>To activate an application, click the Activate button in the License column. In the Activate license dialog box that appears, enter the license key and click Activate. If the key is valid, the status window under the key should become green to indicate success but does not. Yet successful activation of the license is confirmed with the green check mark that now appears in the License column. The dialog box can now be closed. See the following image:</p>  <p>XIP-3901-XX is a software key that enables applications on the XIP-3901 platform.</p> <p>To activate an application on this platform please contact Grass Valley a Belden Brand customer service at +1-514-333-1772 and specify the card's serial number 306501-124529002.</p>

## KNOWN BUGS & LIMITATIONS

Ref #	Description
<a href="#">XIP3901DC-787</a>	<p><b>Metadata conversion may not be processed properly.</b></p> <p>Incoming metadata is passed through to the output without any processing. This may result in a non-conforming conversion. E.g. CEA-708B packets during 4K to 1080i conversions.</p>
<a href="#">XIP3901DC-788</a>	<p><b>No error is reported for 3G Level B DS sources.</b></p> <p>3G Level B Dual Stream input signals are not supported. They are erroneously identified as Dual Link. When this occurs, the error is not reported, but the output is invalid.</p>
<a href="#">XIP3901DC-789</a>	<p><b>Potential problem with metadata packet placement during 3G-A to 3G-B operation or 3G-B to HD/3G-A operation.</b></p> <p><u>3G-A to 3G-B:</u></p> <p>Some incoming metadata packets, other than audio or any processed metadata, may pass through to the output and may end up on an incorrect line on link A and/or be placed on link B.</p> <p>This will occur only for 3G-A/Quad Link 3G-A inputs.</p> <p><u>3G-B/Quad-Link 3G-B to HD/3G-A:</u></p> <p>Some incoming metadata packets, other than audio or any processed metadata, may pass through to the output and may end up on an incorrect line.</p> <p>This will occur only for HD/3G-A outputs.</p>
<a href="#">XIP3901DC-791</a>	<p><b>SD-SDI video format is not reported.</b></p> <p>Although SD-SDI input signals are unsupported, the video format should be reported but is identified as "unknown format" instead.</p>
<a href="#">XIP3901DC-809</a>	<p><b>Application version is not updated in the local menu.</b></p>

	<p>Upgrading an application that is not in use won't update its application version in the local menu. The version in the local menu is updated at boot time.</p>
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## UPGRADE PACKAGE: 1.0.0

**Firmware version:** 1.0.0 (CPU 1.0.0.207, FPGA 1.0.0.82)

**Release date:** 2018-09-28

**iControl compatibility:** 7.50+

**iControl Solo compatibility:** 7.50+

**RCP-200 compatibility:** N/A

**Hardware compatibility:** This upgrade package applies to all existing hardware assemblies.

**Release type:** Official release

## KNOWN BUGS & LIMITATIONS

Ref #	Description
<a href="#">XIP3901DC-787</a>	<p><b>Metadata conversion may not be processed properly.</b></p> <p>Incoming metadata is passed through to the output without any processing. This may result in a non-conforming conversion. E.g. CEA-708B packets during 4K to 1080i conversions.</p>
<a href="#">XIP3901DC-788</a>	<p><b>No error is reported for 3G Level B DS sources.</b></p> <p>3G Level B Dual Stream input signals are not supported. They are erroneously identified as Dual Link. When this occurs, the error is not reported, but the output is invalid.</p>
<a href="#">XIP3901DC-789</a>	<p><b>Potential problem with metadata packet placement during 3G-A to 3G-B operation or 3G-B to HD/3G-A operation.</b></p>

	<p><u>3G-A to 3G-B:</u></p> <p>Some incoming metadata packets, other than audio or any processed metadata, may pass through to the output and may end up on an incorrect line on link A and/or be placed on link B.</p> <p>This will occur only for 3G-A/Quad Link 3G-A inputs.</p> <p><u>3G-B/Quad-Link 3G-B to HD/3G-A:</u></p> <p>Some incoming metadata packets, other than audio or any processed metadata, may pass through to the output and may end up on an incorrect line.</p> <p>This will occur only for HD/3G-A outputs.</p>
<p><a href="#">XIP3901DC-791</a></p>	<p><b>SD-SDI video format is not reported.</b></p> <p>Although SD-SDI input signals are unsupported, the video format should be reported but is identified as "unknown format" instead.</p>
<p><a href="#">XIP3901DC-809</a></p>	<p><b>Application version is not updated in the local menu.</b></p> <p>Upgrading an application that is not in use won't update its application version in the local menu. The version in the local menu is updated at boot time.</p>
<p><a href="#">XIP3901DC-833</a></p>	<p><b>Application Manager does not show success after activating a license.</b></p> <p>The Application Manager panel is used to activate or switch between applications. It shows all the applications on the platform, their respective versions, whether their license keys have been activated, and which one is currently in use. It is accessed by clicking the Application button in the iControl XIP-3901-DC control panel.</p> <p>To activate an application, click the Activate button in the License column. In the Activate license dialog box that appears, enter the license key and click Activate. If the key is valid, the status window under the key should become green to indicate success but does not. Yet successful activation of the license is confirmed with the green check mark that now appears in the License column. The dialog box can now be closed. See the following image:</p>

Application	Version	License	In use
XIP-3901-UC	1.1.0.303	Activated ✓	<input checked="" type="radio"/>
XIP-3901-DC	1.0.0.201	Activated ✓	<input type="radio"/>

Green check mark = success

Activate license [ XIP-3901-DC ]

License key: 12345678

Status window

XIP-3901-XX is a software key that enables applications on the XIP-3901 platform.

To activate an application on this platform please contact Grass Valley a Belden Brand customer service at +1-514-333-1772 and specify the card's serial number 306501-124529002.