

EAP-3901/EAP-3101

Upgrade Package Release History

Release Version	Comprising:		Release Date	Version Details	User Manual for this release (Grass Valley document #)
	Firmware Version	Software Version			
3.1.3	3.1.2	3.1.3	2017.11.30	(go)	M932-9700-310 (3101) M932-9800-310 (3901)
3.1.2	3.1.1	3.1.2	2015.08.24	(go)	M932-9700-310 (3101) M932-9800-310 (3901)
3.1.1	3.1.0	3.1.1	2014.07.24	(go)	M932-9700-310 (3101) M932-9800-310 (3901)
3.1.0	3.1.0	3.1.0	2014.04.30	(go)	M932-9700-310 (3101) M932-9800-310 (3901)

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: 3.1.3

Firmware Version: [3.1.2](#)

Release date: [2017-11-03](#)

iControl compatibility: [5.00+](#)

iControl Solo compatibility: [6.00+](#)

RCP-200 compatibility: [1.80+](#) (via application server mode)

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

BUGS FIXED IN THIS RELEASE

Ref #	Description
EAP3901-168	<p>GV ALC global config parameters not properly handled</p> <p>"Global Config Mode" parameter changes after re-opening iControl or when loading ALC pgm-1 preset.</p>

KNOWN BUGS & LIMITATIONS

Ref #	Description
AMX3981-14	<p>Metadata packet insertion during 3G Level B outputs.</p> <p>During 3G Level B operation, there may be situations where output Ancillary Time Code (ATC) packets will be inserted on Link B. Asynchronous sources with respect to the reference may insert ATC packets on Link B instead of Link A. If the source and reference are synchronous, then ATC packets may find themselves on Link B depending on the source's timing with respect to the reference. An aligned input places ATC packets on the proper link (Link A).</p> <p>This situation does not occur when no reference is installed.</p>

UPGRADE PACKAGE: 3.1.2

Firmware Version: [3.1.1](#)

Release date: [2015-08-24](#)

iControl compatibility: [5.00+](#)

iControl Solo compatibility: [6.00+](#)

RCP-200 compatibility: [1.80+](#) (via application server mode)

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

ENHANCEMENTS & NEW FEATURES

Ref#	Description
EAP3901-152	<p>Loudness is no more an option</p> <p>The loudness feature is not an option anymore. It is given freely. It is the loudness logger software (iControl) that is charged.</p>

BUGS FIXED IN THIS RELEASE

Ref #	Description
DSERV-1459	<p>Dolby DEC card not properly detected</p> <p>When used with DOLBY-DEC-2 modules, the decoder is greyed out in the UI. Can't select the decoder as a metadata source.</p>
EAP3901-151	<p>Micro-controller crashing when communication is overloaded</p> <p>When multiple clients are connected to the Densité frame with a controller of version 212 and later, the XVP can become unresponsive. A bug in the communication engine of the card has been exposed with the higher performance of the newer versions of the Densité controller.</p> <p>WORKAROUNDS:</p> <ul style="list-style-type: none"> Downgrade the Densité controller of the frame to version 204
EAP3901-154	<p>Preserve incoming VPID</p> <p>If all the following conditions are met, the VPID bytes (SMPTE-352) are</p>

	<p>transferred from the input to the output without any processing:</p> <ol style="list-style-type: none"> 1. Video format is 3Gbits/s in either Level-A or Level-B Dual-Link 2. Input and output video formats are identical
<p>001-00-018703</p>	<p>Updated Algorithms for audio loudness and true-peak level (ITU BS.1770-3)</p> <p>The labels in the iControl UI do not reflect the latest standards/algorithms supported (ITU BS.1770-3). The card does the proper processing but the labels are wrong.</p>

KNOWN BUGS & LIMITATIONS

Ref #	Description
<p>AMX3981-14</p>	<p>Metadata packet insertion during 3G Level B outputs.</p> <p>During 3G Level B operation, there may be situations where output Ancillary Time Code (ATC) packets will be inserted on Link B. Asynchronous sources with respect to the reference may insert ATC packets on Link B instead of Link A. If the source and reference are synchronous, then ATC packets may find themselves on Link B depending on the source's timing with respect to the reference. An aligned input places ATC packets on the proper link (Link A).</p> <p>This situation does not occur when no reference is installed.</p>

UPGRADE PACKAGE: 3.1.1

Firmware Version: 3.1.0

Release date: 2014-07-24

iControl compatibility: 5.00+

iControl Solo compatibility: 6.00+

RCP-200 compatibility: 1.80+ (via application server mode)

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

ENHANCEMENTS & NEW FEATURES

Ref#	Description

BUGS FIXED IN THIS RELEASE

Ref #	Description
DSERV-561	<p>Scripting does not work in iControlWeb</p> <p>With previous upgrade packages installed, it is not possible to control the service using the proxy from iControlWeb. A java error is reported and scripting is not supported.</p>

KNOWN BUGS & LIMITATIONS

Ref #	Description
AMX3981-14	<p>Metadata packet insertion during 3G Level B outputs.</p> <p>During 3G Level B operation, there may be situations where output Ancillary Time Code (ATC) packets will be inserted on Link B. Asynchronous sources</p>

	<p>with respect to the reference may insert ATC packets on Link B instead of Link A. If the source and reference are synchronous, then ATC packets may find themselves on Link B depending on the source's timing with respect to the reference. An aligned input places ATC packets on the proper link (Link A).</p>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

This situation does not occur when no reference is installed.

UPGRADE PACKAGE: 3.1.0

Firmware Version: 3.1.0

Release date: 2014-04-30

iControl compatibility: 5.00+

iControl Solo compatibility: 6.00+

RCP-200 compatibility: NA

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

ENHANCEMENTS & NEW FEATURES

Ref#	Description
EAP3981-142	<p>Add support for Dolby Digital Plus encoding.</p> <p>Support the MOD-DOLBY-ENC-D-2 v5.1 module.</p>

BUGS FIXED IN THIS RELEASE

Ref #	Description
AMX3981-388	<p>Changing the output selection of an installed module can mute the module's inputs.</p> <p>This affected the following modules:</p> <ul style="list-style-type: none"> - MOD-DOLBY-ENC-D Dolby Digital encoder - MOD-DOLBY-ENC-D-2 Dolby Digital and Dolby Digital Plus encoder - MOD-DOLBY-ENC-E Dolby E encoder - MOD-LA-ALC-x x-channel ALC licensed by Linear Acoustic - MOD-LA-ALC-x-DUP x-channel ALC and upmix licensed by Linear Acoustic - MOD-JA-ALC-x x-channel ALC licensed by Jünger Audio - MOD-JA-ALC-x-DUP x-channel ALC licensed by Jünger Audio and upmix licensed by Linear Acoustic
EAP3981-143	<p>Dolby Digital Encoder: pre-encoded (non-PCM) input data corrupted in pass-through mode.</p> <p>The sample rate converter (SRC) on the MOD-DOLBY-ENC-D module was always activated thereby modifying and corrupting pre-encoded data passing through</p>

	the encoder.
--	--------------

KNOWN BUGS & LIMITATIONS

Ref #	Description
AMX3981-14	<p>Metadata packet insertion during 3G Level B outputs.</p> <p>During 3G Level B operation, there may be situations where output Ancillary Time Code (ATC) packets will be inserted on Link B. Asynchronous sources with respect to the reference may insert ATC packets on Link B instead of Link A. If the source and reference are synchronous, then ATC packets may find themselves on Link B depending on the source's timing with respect to the reference. An aligned input places ATC packets on the proper link (Link A).</p> <p>This situation does not occur when no reference is installed.</p>