

AMX-3981 – Upgrade Package 3.1.0

Upgrade Package Release History

Release Version	Comprising:		Release Date	Version Details	User Manual for this release (Grass Valley document #)
	Firmware Version	Software Version			
3.1.0	3.1.0	N/A	2014.04.30	(go)	M922-9900-310

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: 3.1.0

Release date: [2014-04-30](#)

iControl compatibility: [5.0 \(build 17\)](#)

iControl Solo compatibility: [6.0 \(build 89\)](#)

RCP-200 compatibility: [NA](#)

Custom software compatibility: [NA](#)

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

ENHANCEMENTS & NEW FEATURES

Ref#	Description
AMX3981-419	Add support for Dolby Digital Plus encoding. Support the MOD-DOLBY-ENC-D-2 v5.1 module.

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
AMX3981-420	<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 the encoder.</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>