

ADX-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 | 2014.05.20 | (go) | M923-9900-310 |

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: [2014-05-20](#)

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 |
|------------|---|
| ADX3981-91 | 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 |
| ADX3981-92 | <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> |