ADX-3981

NOTE: The iControl compatibilities shown below are estimated initial support. iControl versions that are older than those specified may prevent the GUI from opening or may work with bugs and limited features.

VERSION: 300

Release date: 2013-04-24

iControl compatibility: v4.42 and up

iControl Solo compatibility: 4.42

RCP-200 compatibility: Not supported

Hardware incompatibility: This firmware applies to all existing hardware assembly.

ENHANCEMENTS & NEW FEATURES

Ref#	Description
37905	**Miranda ALC Extended to 8 programs.**
37904	**Miranda ALC enhancement** Added True peak. Also added preset mode : EBU R128, A85 ITU BS.1770 and ARIB
ICONTROL-16127	**Loudness Logging** Loudness logging up to 4 independent programs.
ICONTROL-16126	**Loudness Measurement** Loudness measurement compliant to EBU R128, A85 and ARIB. Loudness measurement up to 4 independent programs : short Term, Momentary and True Peak max
ICONTROL-16137	**New SFP info tab** Add new status : type, part number, serial number, data Code, temperature, voltage, optical power and wavelength.
ICONTROL-16142	**Automatic Preset Recall** With this feature, the card automatically recall user presets based on audio detection scheme. For example, a 5.1/2.0 detection scheme can be used to load a predetermined User Preset if 2.0 audio is detected and a different User Preset when 5.1 is detected. This feature has been implemented in many ANC's, but always as fixed configuration. This implementation is user-configurable in iControl.

BUGFIXES

Bug#	Description
37769	Video Payload ID 3G output is not the same as input.
35137	ALC Loudness measurement doesn't consider LFE for correction. Also weighting is applied on surround channels. As specified on ITU-r BS.1770-1

KNOWN BUGS & LIMITATIONS

Bug#	Description
24794	**Metadata packet insertion during 3G Level B outputs.** 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). This situation does not occur when no reference is installed.

VERSION: 203

Release date: 2012-05-24

iControl compatibility: v3.70 (build 21) and up

iControl Solo compatibility: 3.70

RCP-200 compatibility: v1.10

Hardware incompatibility: This firmware applies to all existing hardware assembly.

ENHANCEMENTS & NEW FEATURES

Ref#	Description

BUGFIXES

Bug#	Description
001-00-008494	**Support for Sony PDW700 camera SD output audio distribution** The SD embedded audio coming out of the Sony PDW700 camera has 8 audio samples on some video lines, which does not follow SMPTE 272M. This caused audio glitches at the output.

KNOWN BUGS & LIMITATIONS

Bug#	Description

VERSION: 202

Release date: 2011-09-15

iControl compatibility: v3.70 (build 21) and up

iControl Solo compatibility: 3.70

RCP-200 compatibility: v1.10

Hardware incompatibility: This firmware applies to all existing hardware assembly.

ENHANCEMENTS & NEW FEATURES

Ref#	Description
-	Support for SFP modules from Optoway

BUGFIXES

Bug#	Description

KNOWN BUGS & LIMITATIONS

Bug#	Description

VERSION: 201

Release date: 2010-09-28

iControl compatibility: v3.70 (build 21)+

iControl Solo compatibility: 3.70

RCP-200 compatibility: v1.10

Hardware incompatibility: This firmware applies to all existing hardware assembly.

ENHANCEMENTS & NEW FEATURES

Ref#	Description
-	The audio/video fingerprint generation. Available in iControl 4.0 only

BUGFIXES

Bug#	Description
29024	**Corrupted video in 3G level-B single-stream** The video is corrupted in 3G level B Single-stream. Level B Dual-stream is NOT supported.

KNOWN BUGS & LIMITATIONS

Bug#	Description

VERSION: 200

Release date: 2010-06-30

iControl compatibility: v3.70

iControl Solo compatibility: 3.70

RCP-200 compatibility: NA

Hardware incompatibility: This firmware applies to all existing hardware assembly.

ENHANCEMENTS & NEW FEATURES

Ref#	Description
-	**The test tone inserter for out of service lip-sync measurement**
-	**The on-board SIMM-72 socket is enabled** The following modules are supported: MOD-DOLBY-ENC-E (v1.1.2.0/v1.1.3.3) MOD-DOLBY-ENC-D (v1.0.2.5/v1.0.2.7) MOD-DOLBY-DEC (v1.2.3.2/v1.2.0.12) MOD-LA-DUP-701 MOD-LA-ALC-x (2/6/8-v1.3.0.0/v1.3.1.0/v1.4.0.0) MOD-LA-ALC-x-DUP (2/6/8-v1.3.0.0/v1.3.1.0/v1.4.0.0) MOD-JA-ALC-x (2/6/8-v1.5.0.0) MOD-JA-ALC-x-DUP (2/6/8-v1.5.0.0)
-	**The loudness measurement option is available**
-	**Time code and GPI embedding** Time code is automatically and frame-accurately generated when GPI embedding has been enabled and no valid time code has been detected. This generated time code is forced to 00:00:00:00 and does not increment.
-	**A GPI latch mode** This mode allows the user to maintain the GPI output levels when no valid time code with embedded GPI data has been detected or to simply release the GPI output levels during this time

BUGFIXES

Bug#	Description

KNOWN BUGS & LIMITATIONS

Bug#	Description
-	The audio/video fingerprint generation is not available.