Release notes SYLA1-SYLA1/SYLA2

These release notes are applicable to the following modules:

- DLA44

Software version	2214
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	17-01-2018
Filename	DLA44-0100to0200-2214-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:
- solved issue where quadbus speed audio would be distorted at the output when the input signal was above -6dB

Software version	2213
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	20-02-2017
Filename	DLA44-0100to0200-2213-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:

- Added the possibilty to disable the Sample Rate Converters at the inputs in order to pass Dolby E to the quadspeed bus directly
- Fixed a metering issue introduced in the previous version

Software version	1912
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	19-09-2013
Filename	DLA44-0100to0200-1912-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:

- Added the possibility to choose the unprocessed AES inputs as input for the Quadspeed Audio Add-on bus.
- Fixed the switching delay between Metadata Loss and Metadata present when the upmixer was used in "MD_Upmix_On" or "MD_AutoMaxx" modes.

Software version	1811
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	10-07-2013
Filename	DLA44-0100to0200-1811-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:
- Improved preset switching stability

Software version	1711
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	12-10-2012
Filename	DLA44-0100to0200-1711-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:
- Improved stability when programming Linear Acoustic module
- Added card status identity item
- Fixed switching of presets by GPI
- Added option to override upmixer settings via GPI

Software version	1611
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	06-07-2012
Filename	DLA44-0100to0200-1611-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:
- Added Generic Card-Status object in the identity
- Fixed: 2.0 processor was fed with wrong audio channels when the upmixer was set to MD_Upmix_On and the upmixer input was Chn7/8_Loud5.1.
- Fixed: Quadspeed bus output slot 11/12 did not only affect slot 11/12 but also Slot13/14.

Software version	1510
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	08-02-2012
Filename	DLA44-0100to0200-1510-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:
- Added Fixed preset according to EBU-R128 standard

Software version	1410
Hardware version	0100, 0101, 0102, 0200
Platform	SYLA1/SYLA2
Date	01-12-2011
Filename	DLA44-0100to0200-1410-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:
- Lockmode menu-options changed from: AES1, AES4, Mastercard, Ref1 and Ref2 to AES1, AES4, Mastercard, Reference.
Reference selection is now done by new menu-item Reference Source. This option has a dual function. Reference source not only depicts
to which refernce the cards audio should lock when the lockmode is set to Refernce but it is also used to indicate to which reference the Metadata is locked.
Metadata is only generated when the correct ref is selected and present this is done to ensure a clean switch of metadata in the guardband.

- Main output and stereo output are not designated as "dB" anymore as this was incorrect.

- Fixed the generation of CRC packets for metadata. These packets could be incorrect in previous versions

- Fixed the issue when using the output level of the loudness processor as the dialogue level for generating metadata there was no change in dialoque level
if the output level changed.

- Fixed the use of revert metadata presets when there is a loss of incoming metadata and the corresponding menu-item is set tot external metadata as source.

Software version	1209
Hardware version	0100, 0101, 0102
Platform	SYLA1
Date	23-02-2011
Filename	DLA44-0100to0102-1209-service.zip

Linear Acoustic:
- This version is intended for version 1.8.0 of the Up/Down/AutomaxII.
- This version is intended for version 2.6.0 of the AeroMax 5.1.

Changes:
- The preset structure has changed over the entire DLAxx range. The first 6 presets in all products are fixed to
the standard Linear Acoustic Presets. Preset 7 to 16 are user adjustable and are at default an exact copy of presets 1 to 6.
Presets 15 and 16 are a copy of preset 1 and also user adjustable.

- The Output level for the loudness processing engine can be set to the approximate loudness level. This is an approximation of
the loudness level therefore we added another menu-option called 2.0 or 5.1 Offset to Output/Dial Level which can be used to fine tune
the output level.

- It is no longer possible to select channel number higher then 8 for the input in the I/O Control Tab when the card is not used with a mastercard.

- The Quadspeed bus is updated to it's latest state which included re-insertion of processed channels on the Quadspeed bus.

Software version	1107
Hardware version	0100, 0101, 0102
Platform	SYLA1
Date	09-12-2010
Filename	DLA44-0100to0102-1107-service.zip

DSP Software Versions:
- This version is intended for Up/Down/AutoMaxx version 1.6.0
- This version is intended for AeroMax 5.1 version 2.4.0

- Version 1007 introduced a new way of using the GPI's for controlling the presets and the upmixer at the same time.(Option Preset_Upmix_BCD in menu-item GPI Control)
when the card was controlled by GPI in the mode "Preset_Upmix_BCD" and the 2.0 preset was set to be controlled by GPI. The 2.0 preset did not react on a GPI change.

Software version	1007
Hardware version	0100, 0101
Platform	SYLA1
Date	15-10-2010
Filename	DLA44-0100to0101-1007-service.spf

DSP Software Versions:
- This version is intended for Up/Down/AutoMaxx version 1.6.0
- This version is intended for AeroMax 5.1 version 2.4.0

- added the possibility to use the GPI for preset switching and for the upmixer at the same time.
please see the manual for a detailed explanation

Software version	0906
Hardware version	0100, 0101
Platform	SYLA1
Date	30-07-2010
Filename	readme.txt

Firmware removed. Please contact support (support@axon.tv) before updating your DLA card

DSP Software Versions:
- This version is intended for Up/Down/AutoMaxx version 1.6.0
- This version is intended for AeroMax 5.1 version 2.4.0

- Fixed the normal bus compatibility. The Quadspeed bus does no longer send audio data over the bus when the card is not used as an add-on card.

- When there was an upmix created from channels 7/8. the upmixer was using channels 1/2 as a source for the LFE channel in the created upmix. This is corrected in this version
- Fixed the missing information about the LFE, Center and the surround channels when a downmix was created.

- Split the options for menu-item GPI Control into options for presets and in options for the upmixer.
Customer can select whether the GPI's should be used for presets or for the upmixer and in what format (Latch, Non-Latched, BCD).

- Added the option GPI_Upmix to the Up_Mix menu-item. The upmixer function can now be controlled by the state of the GPI's.

- Added the option AES7/8_LOUD5.1 to the menu-item Upmixer Input, the name has been changed from AES1/2 into AES1/2_LOUD5.1 for clarity.
The options which have LOUD5.1 in the name are being processed by the AeroMaxx 5.1 Loudness Algorithms before entering the upmixer.

please see the manual for a detailed explanation

Software version 0604

Hardware version 0100, 0101

Platform SYLA1

Date 06-05-2010

Filename readme.txt

- Fixed the reverting/backup of metadata in case of a metadata-loss
- Added the possibility to let the input of the downmixer to be chosen manually or depending on Metadata Loss

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Software version 0503

Hardware version 0100, 0101

Platform SYLA1

Date 26-1-2010

Filename readme.txt

- Added Quad Speed Audio Add-On Bus.
- Added fieldupgrade ability for Linear Acoustic firmware.
- Added control for the output limiter drive for the 2.0 processor.
- Added option to follow the 5.1 output level in the 2.0 processor.

- Fixed Mulitband Attack in the 2.0 processor

Software version 0402

Hardware version 0100, 0101

Platform SYLA1

Date 23-12-2009

Filename readme.txt

- First Release