Release notes SYGEG1-SYGEG1/SYGEG2

These release notes are applicable to the following modules:

- GRF050
- GRF090
- GRF500
- GRF550
- GRF590
- GRF900
- GRF950
- GRF990
- HRF050
- HRF090
- HRF500
- HRF550
- HRF590
- HRF900
- HRF950
- HRF990

Software version	1009
Hardware version	0100, 0101, 0200, 0300, 0301, 0400, 0401
Platform	SYGEG1/SYGEG2
Date	12-10-2016
Filename	GRFxxx-0100to0401-1009-service.zip

This firmware is ALSO applicable for: GAF900, GAF500, HAF900, HAF500.

NOTE: Local Audio Output daughter board functionality has been added, and with it the product has been renamed to GRFxxx.
H/GAF products can be programmed with the GRF firmware. Programming a H/GAF900 or H/GAF500 will result in a H/GRF900 or H/GRF900 with the same functionality.
Please contact Axon support for further questions regarding this update.

- Stable output-picture when upstream asynchronous switching is made outside the switch-line (Lock-Mode=Ref, Line_lock=On, Output-Format=Fixed and F_Delay > 1).
- Added/Fixed insertion of S2020 Metadata Method-A and Method-B

Software version	0908
Hardware version	0100, 0101, 0200, 0300, 0301, 0400, 0401
Platform	SYGEG1/SYGEG2
Date	24-02-2015
Filename	GRFxxx-0100to0401-0908-service.zip

This firmware is ALSO applicable for: GAF900, GAF500, HAF900, HAF500.

NOTE: Local Audio Output daughter board functionality has been added, and with it the product has been renamed to GRFxxx.
H/GAF products can be programmed with the GRF firmware. Programming a H/GAF900 or H/GAF500 will result in a H/GRF900 or H/GRF900 with the same functionality.
Please contact Axon support for further questions regarding this update.

- Firmware is now compatible to run on SYGEG1 and SYGEG2 HW-Platforms
- Solved audio-phase misalignment in combination with some 3rd party de-embedder/embedder equipment.

Software version	0807
Hardware version	0100, 0101, 0200, 0300, 0301
Platform	SYGEG1
Date	11-06-2014
Filename	GRFxxx-0100to0301-0807-service.zip

This firmware is ALSO applicable for: GAF900, GAF500, HAF900, HAF500.

NOTE: Local Audio Output daughter board functionality has been added, and with it the product has been renamed to GRFxxx.
H/GAF products can be programmed with the GRF firmware. Programming a H/GAF900 or H/GAF500 will result in a H/GRF900 or H/GRF900 with the same functionality.
Please contact Axon support for further questions regarding this update.

- Added Local Audio Output daughter board functionality, and with it renamed the H/GAF product range to GRF (see note for reprogramming a H/GAF or contact customer support)

- Solved Metadata issue: DropFrame @ 2^16 frames boundary
- Solved "robotic-sound" when switching SDI-sources without a SMPTE-DBN-counter inserted
- Changed Present/Loss detection-time of Metadata: Present/Loss detection based on 2xSubframe1 = 80ms
- Metadata Present/Loss aligned with metadata outputs, start/stop at frame-base (no frame cuts)
- Resolution of the Audio Delay Settings has changed from ms into us (stepsize in menu is still 1 ms, resolution = 20,8us (48kHz audio))
- Audio Fade-Time step-size and minimum value is now set to 1ms.

Note:
- Audio Delay values changed from integers to floats, and thus needs to be set correctly again. These are not restored from previous software versions

Software version	0706
Hardware version	0100, 0101, 0200, 0300
Platform	SYGEG1
Date	19-12-2013
Filename	GRFxxx-0100to0300-0706-service.zip

This firmware is ALSO applicable for: GAF900, GAF500, HAF900, HAF500.

NOTE: Local Audio Output daughter board functionality has been added, and with it the product has been renamed to GRFxxx.
H/GAF products can be programmed with the GRF firmware. Programming a H/GAF900 or H/GAF500 will result in a H/GRF900 or H/GRF900 with the same functionality.
Please contact Axon support for further questions regarding this update.

- Added Local Audio Output daughter board functionality, and with it renamed the H/GAF product range to GRF (see note for reprogramming a H/GAF or contact customer support)
- Added SDI format based presets switch for synchronizer delays
- Changed Embedding Gain values to [-999 dB; -60 to 12 dB]