

Release notes SYGEG1-SYGEG1,SYGEG2

These release notes are applicable to the following modules:

- GDB990
- GDB950
- GDB900
- GDB550
- GDB500
- GDB880
- GDB840
- GDB800
- GDB440
- GDB400
- HDB990
- HDB950
- HDB900
- HDB550
- HDB500
- HDB880
- HDB840
- HDB800
- HDB440
- HDB400

Software version	1416
Hardware version	0100, 0101, 0200, 0300, 0301, 0400, 0401
Platform	SYGEG1,SYGEG2
Date	24-02-2015
Filename	GDBxxx-0100to0401-1416-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- 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.
- Audio Fade-Time minimum value is now set to 0ms.

Software version	1315
Hardware version	0100, 0101, 0200, 0300, 0301
Platform	SYGEG1
Date	11-06-2014
Filename	GDBxxx-0100to0301-1315-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- 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 1214
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 07-08-2013
Filename GDBxxx-0100to0300-1214-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- Solved ADP24 Voice-Over processing MUTE when placed as Addon.
- S2020 De-embedder Setting Extract Associated Channel (Extract_Ass_Ch) is now working correctly for all Channels
- Added "0" to GPI status to indicate in nonLatch mode (level triggered) no gpi input is active.
- Updated Cortex Clf-Files

Software version 1113
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 14-03-2013
Filename GDBxxx-0100to0300-1113-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- Added Feature: Z-bit Aligner function for Audio
- Fixed: Freeze of card in Cortex and front-panel when rack is overloaded with events

Software version 1011
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 1-10-2012
Filename GDBxxx-0100to0300-1011-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- Added Locked alarm
- Feature added: AutoPhaser-Status (only available when locked to reference):
Phaser_H_Pos -> shows the distance measured in samples of the autophaser write-to-read timing (SDI-Input-to-Ref timing).
Phaser_Stat -> Shows status of autophaser: NA, Safe, Warning, Critical
- Fixed: correct response when using with ntp message broadcast via ERC
- Fixed Intermittent metadata on local-output

Software version 0910
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 11-06-2012
Filename GDBxxx-0100to0300-0910-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- 3G Level-B Support

Software version 0809
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 25-04-2012
Filename GDBxxx-0100to0301-0809-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- Solved: Unstable metadata from local-out

Software version 0808
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 30-09-2011
Filename GDBxxx-0100to0301-0808-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

Added events for CRC errors.
Fixed S2020 Metadata output

Software version 0607
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 06-12-2010
Filename GDBxxx-0100to0300-0607-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- Fixed: Possible artifacts while switching between sources when locked to ref
- Added: setting Delay-Bypass for minimal processing delay (approx. 2 lines in single mode, 1 line for twins mode)
- Added Silence detection for audio

Software version 0506
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 08-10-2010
Filename GDBxxx-0100to0300-0506-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

- Fixed: stabilised main pll circuit which could cause crc errors/green flashes on the output
- Fixed: clearing de-embedding buffer when audio group is removed

Software version 0304
Hardware version 0100, 0101, 0200, 0300
Platform SYGEG1
Date 18-05-2010
Filename GDBxxx-0100to0300-0304-service.zip

This firmware is applicable for:
GDB990, GDB950, GDB900, GDB550, GDB500,
GDB880, GDB840, GDB800, GDB440, GDB400,
HDB990, HDB950, HDB900, HDB550, HDB500,
HDB880, HDB840, HDB800, HDB440, HDB400

First Release