

Release notes SYGEG2

These release notes are applicable to the following modules:

- GEE200
- GEE230
- HEE200
- HEE230

Software version	0807
Hardware version	0400, 0401
Platform	SYGEG2
Date	10-5-2019
Filename	GEE2xx-0400to0401-0807-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Added off option to the audio source select.
- Added a preset for the gain and phase settings.

Software version	0707
Hardware version	0400, 0401
Platform	SYGEG2
Date	27-09-2018
Filename	GEE2xx-0400to0401-0707-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Includes: Dolby CAT1100 Firmware 2.1.0.4.
- Menu: Changed default value of setting "Dolby_firmware" to "Update". The CAT1100 firmware was not auto-upgraded when upgrading the G/HEE2xx software from an earlier version to 0505 and higher.
- The correct CAT1100 Firmware from 0505 and higher should be 2.1.0.4 (this can be verified by checking the Identity of the card)

Software version	0607
Hardware version	0400, 0401
Platform	SYGEG2
Date	16-07-2018
Filename	GEE2xx-0400to0401-0607-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Includes: Dolby CAT1100 Firmware 2.1.0.4.
 - FPGA: Fixed issue with SDI-Input 2: It could not be selected because the Input Selector was not working correctly.
 - FPGA: Solved bug in audio_description_ser: Control-signal-detection in fixed channel-mode is now fixed to the chosen channel.
- This was auto-scrolling over the 4 input channels, resulting in a worse-case of 4 seconds detection-delay of the AD control signal.

Software version 0505
Hardware version 0400, 0401
Platform SYGEG2
Date 06-06-2017
Filename GEE2xx-0400to0401-0505-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Includes: Dolby CAT1100 Firmware 2.1.0.4.
- Solved: DRC Dolby E Main (Setting: Main_DRC_E) was swapped with DRC Dolby E Monitor/Aux (Setting: Aux_DRC_E)
- Solved: DolbyE_Prog_Sel setting didn't work in previous versions, it is now enabled
- Solved: Setting AD_2chn_mix is removed (not supported anymore from CAT1100 version 1.6 and higher)
- Solved: DDPATE status-item is enabled and shows the correct value
- Added: DolbyE Loss/Backup Enable setting (ElossBckupEna)
- Added: DolbyE Decoder passthrough PCM_Latency setting (active when ElossBckupEna = Off)
- Removed: Non(Dialnorm)-item in Monitor/Aux Output DRC-settings for Dolby D(+)/E and PCM
- Solved: Fade-Attack=0ms produced audio-noise
- Changed: Added settings to preset-list: Delay-Bypass, Time_delay, F-Delay, V-Delay, H-Delay, SourceDecoder, DecoderIn
- Changed: Default values: VsyncALIGN = Off, VsyncENA = Off
- Added: Dolby Decoder DD/DD+ general metadata status items.
- Added: Dolby Decoder Status-Tab for Cortex/Cerebrum
- Solved: CAT1100 disappeared when "stream of death" was applied (decoder still worked)
- Added: Input-Lock and P50/60 SDI-Input Formats -> E-Encoder SOF aligned with incoming Dolby-E SOF (if available)
- Added: Ref-Lock (PAL/NTSC) and P50/60 SDI-Input Formats -> E-Encoder SOF aligned with first field of Reference

Software version 0404
Hardware version 0400, 0401
Platform SYGEG2
Date 30-03-2017
Filename GEE2xx-0400to0401-0404-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Solved: AudioDescription status-items occasionally set to wrong value

Software version 0403
Hardware version 0400, 0401
Platform SYGEG2
Date 13-09-2016
Filename GEE2xx-0400to0401-0403-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Added Dolby AC-4 audio detection
- Enabled status detection for embstatoutA1 .. embstatoutD4
- Start behaviour of the card, previous versions could crash at start up and start over again.
- Change card label to Gee2xx or Hee2xx when no CAT1100 is detected.

Software version 0302
Hardware version 0400, 0401
Platform SYGEG2
Date 05-08-2016
Filename GEE2xx-0400to0401-0302-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Solved issue that card comes up in wrong slot after reboot or programming.

Software version 0202
Hardware version 0400, 0401
Platform SYGEG2
Date 22-06-2016
Filename GEE2xx-0400to0401-0202-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

- Added Input-Loss setting: When set to No-SDI-Out it removes the SDI-Output carrier when SDI-Input is Loss. Default set to Off.

Software version 0101
Hardware version 0400, 0401
Platform SYGEG2
Date 18-05-2016
Filename GEE2xx-0400to0401-0101-service.zip

This firmware is applicable for:
GEE200, GEE230,
HEE200, HEE230

-- First release
