

Release notes SYGDG3

These release notes are applicable to the following modules:

- HXT150

Software version 8164
Hardware version 0203, 0204
Platform SYGDG3
Date 11-11-2019
Filename gdg3-hxt150-0203to0204-8164-service.zip

Fixed ATC timecode not being correctly extracted when both ATC-VITC and ATC-LTC are present.

Software version 8163
Hardware version 0203, 0204
Platform SYGDG3
Date 07-03-2018
Filename gdg3-hxt150-0203to0204-8163-service.zip

WST-in to WST-out corrected. SD subtitle didn't work correct without filler information.

Software version 8162
Hardware version 0203, 0204
Platform SYGDG3
Date 27-10-2017
Filename gdg3-hxt150-0203to0204-8162-service.zip

OP47-WST input conversion could get out of sequence caused by Power-up or field drop/repeat or data misinterpretation. Solved by changing fifo memory to fixed addressable memory.

Software version 8161
Hardware version 0203, 0204
Platform SYGDG3
Date 13-10-2017
Filename gdg3-hxt150-0203to0204-8161-service.zip

The auto field reversal of OP47 detection caused small gaps in data translation. Solved by taking input video framework as a reference.

Software version 8160
Hardware version 0203, 0204
Platform SYGDG3
Date 06-04-2017
Filename gdg3-hxt150-0203to0204-8160-service.zip

OP47 that contains data for both fields in WST was corrupted in previous version. Fixed in this one.
Manual aspect-ratio setting didn't react directly, only on preset change. Fixed in this version.

Software version 8059
Hardware version 0203, 0204
Platform SYGDG3
Date 27-03-2017
Filename gdg3-hxt150-0203to0204-8059-service.zip

Preset selection power-up behavior corrected of the Up Down Cross part.
OP47 to WST conversion improved. Reset in specific IO delay could corrupt 2nd field of the WST.
OP47 data delay above 116 frames got lost. Solved by increasing packet fifo size.
Minimum S2010/SCTE104 packet size error corrected.

Software version 7958
Hardware version 0203, 0204
Platform SYGDG3
Date 07-02-2017
Filename gdg3-hxt150-0203to0204-7958-service.zip

Preset selection power-up behavior corrected of the Aspect ratio part.
OP47 to WST conversion improved. It now handles one op47 that contains data for both fields in WST.
Input to output delay optimized in input lock mode. It now has one frame delay. Was 1.5 frames.
Dolby guardband position fine-tuned.

Software version 7857
Hardware version 0203, 0204
Platform SYGDG3
Date 04-11-2016
Filename gdg3-hxt150-0203to0204-7857-service.zip

OP47 detection improved so it can handle some missing frames of packets.

Software version 7755
Hardware version 0203, 0204
Platform SYGDG3
Date 03-08-2016
Filename gdg3-hxt150-0203to0204-7755-service.zip

S2010 (SCTE104) transparency added, has no extra delay build-in so is only frame aligned if F-Delay is set to 0.

Software version 7654
Hardware version 0203, 0204
Platform SYGDG3
Date 06-06-2016
Filename gdg3-hxt150-0203to0204-7654-service.zip

Timecode alignment corrected.

Software version 7653
Hardware version 0203, 0204
Platform SYGDG3
Date 29-01-2016
Filename gdg3-hxt150-0203to0204-7653-service.zip

First released version
