

Release notes SYTXG1

These release notes are applicable to the following modules:

- U4T100
- U4T140
- U4T200
- U4T240

Software version 2230
Hardware version 0402, 0403
Platform SYTXG1
Date 11-05-2020
Filename txg1-u4t-0402to0403-2230-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

- Added support for BHX54 backpanel

Software version 2129
Hardware version 0402, 0403
Platform SYTXG1
Date 7-8-2019
Filename txg1-u4t-0402to0403-2129-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Software version 2028
Hardware version 0402, 0403
Platform SYTXG1
Date 12-6-2019
Filename txg1-u4t-0402to0403-2028-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

- Updated the DolbyAligner, added alignment of all embedded Dolby-E streams for 30/60Hz video framerates, by using the "Dolby-E Reference Line-Position recommendations" of Dolby.
- Fixed black line in 4k which was caused by output 3

Software version 1926
Hardware version 0402, 0403
Platform SYTXG1
Date 1-5-2019
Filename txg1-u4t-0402to0403-1926-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

- Updated BBC 3D LUTs to newest version

Software version 1826
Hardware version 0402, 0403
Platform SYTXG1
Date 13-2-2019
Filename txg1-u4t-0402to0403-1826-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

- Fixed not working "#Inp_Map_A" setting.

Software version 1726
Hardware version 0402, 0403
Platform SYTXG1
Date 13-12-2018
Filename txg1-u4t-0402to0403-1726-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

- Updated the Dolby-Aligner, it aligns all the embedded Dolby-E streams by using the "Dolby-E Reference Line-Position recommendations" of Dolby.
- Added SDI2 De-embedded Audio status-items

Software version 1424
Hardware version 0402, 0403
Platform SYTXG1
Date 14-05-2018
Filename txg1-u4t-0402to0403-1424-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Software version 1321
Hardware version 0402, 0403
Platform SYTXG1
Date 13-12-2017
Filename txg1-u4t-0402to0403-1321-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

-Fixed wrong adjustment in the switch line status.

Software version 1320
Hardware version 0402, 0403
Platform SYTXG1
Date 20-10-2017
Filename txg1-u4t-0402to0403-1320-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

-Fixed wrong placement of control packages in progressive formats.

Software version 1219
Hardware version 0402, 0403
Platform SYTXG1
Date 27-9-2017
Filename txg1-u4t-0402to0403-1219-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Software version 1017
Hardware version 0402, 0403
Platform SYTXG1
Date 7-8-2017
Filename txg1-u4t-0402to0403-1017-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

-Added Dolby-E sync mode setting, fixing the multiple stream issue.
-Known issue Level-B out doesn't work.
-Known issue 4K SQD to 2SI shows vertical lines.
-Known issue Drop/Repeat frames can cause Dolby CRC errors when embedding.

Software version 0914
Hardware version 0402, 0403
Platform SYTXG1
Date 14-4-2017
Filename txg1-u4t-0402to0403-0914-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Software version 0813
Hardware version 0402, 0403
Platform SYTXG1
Date 13-3-2017
Filename txg1-u4t-0402to0403-0813-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Fixed:
Decoder metadata (Frame Rate) missing
Loudness Measurement - Text correction
Dolby E Decoder - Main Channel Output - DRC setting
Metadata path from Dolby E decoder not working
Metadata from External (Serial / S2020) missing

Added:
CAT1100 debug info (Category, Parameter = Value)
Dolby E decoder - Ext MD output

Software version 0712
Hardware version 0402, 0403
Platform SYTXG1
Date 6-2-2017
Filename txg1-u4t-0402to0403-0712-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Added Backpanel detection.
Fixed PCM bug existing in Two-Frame mode when increasing the frame delay.

Software version 0611
Hardware version 0402, 0403
Platform SYTXG1
Date 28-12-2016
Filename txg1-u4t-0402to0403-0611-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Added Switch Line status.
Added Input alignment status.
Added setting for OSD on input loss.
Added P50-P60 Sync for one or two frame drops.
Added apply button to grouped delay setting.
Dolby errors when frame syncing fixed.

Software version 0510
Hardware version 0402, 0403
Platform SYTXG1
Date 03-08-2016
Filename txg1-u4t-0402to0403-0510-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

U4T140: Dolby E-Encoding error solved.

Software version 0509
Hardware version 0402, 0403
Platform SYTXG1
Date 22-07-2016
Filename txg1-u4t-0402to0403-0509-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Added 1080PsF23.98 format.
Added complete 16 channel audio handling of second in- output.
Added separate audio delay just before embedders, positive delays only.
Audio synchronizer only track frame sync delay now.
Meta data in- output via serial connection.
Audio selection for Dolby or 16 channels of audio of input 2 via quad speed bus.
CAT 1100 now locks to output format instead of lock to reference only.
Added CAT1100 debugging info via classic view.

Software version 0408
Hardware version 0402, 0403
Platform SYTXG1
Date 01-06-2016
Filename txg1-u4t-0402to0403-0408-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Dolby audio error solved.
Q3 pixelisation solved.

Software version 0407
Hardware version 0402, 0403
Platform SYTXG1
Date 29-03-2016
Filename txg1-u4t-0402to0403-0407-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Dolby encoder and decoder data available on the quadspeedbus (channel 16 till 32).

Software version 0406
Hardware version 0402, 0403
Platform SYTXG1
Date 18-12-2015
Filename txg1-u4t-0402to0403-0406-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Fixed last pixel on the line error with Level-B output standards.

Software version 0405
Hardware version 0402, 0403
Platform SYTXG1
Date 24-11-2015
Filename txg1-u4t-0402to0403-0405-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

U4T140 software released.
2-Sample-Interleaved to 4-Quadrants added with seperate menu item to force input standard.
Delay status debugged.

Software version 0303
Hardware version 0402, 0403
Platform SYTXG1
Date 26-08-2015
Filename txg1-u4t-0402to0403-0303-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

Lock issue solved in 2160p standards.
F delay channel alignment added in 2160p standards
HV Delay works now correct.
4-Quadrants to 2-Sample-Interleaved conversion debugged.

release under RDA.
4-Quadrants to 2-Sample-Interleaved needs f-delay set to 1 frame
SFP status not working correct

Software version 0202
Hardware version 0402, 0403
Platform SYTXG1
Date 24-07-2015
Filename txg1-u4t-0402to0403-0202-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

2160p60 and 2160p50 standard selection added with there corresponding ST352 payload
SFP outputs now map to output 1 till 4.
ANC data is stripped in level-B to level-A conversion.
4-Quadrants to 2-Sample-Interleaved conversion added.

release under RDA.
4-Quadrants to 2-Sample-Interleaved needs f-delay set to 1 frame
SFP status not working

Software version 0101
Hardware version 0402, 0403
Platform SYTXG1
Date 13-07-2015
Filename txg1-u4t-0402to0403-0101-service.zip

WARNING: NOT UPGRADABLE VIA RACKCONTROLLER. ONLY LOCAL VIA BACKPLANE OF THE CARD.
FOLLOW Appendix x "Reprogramming U4T1x0 modules" from Manual.

1st release under RDA.
4-Quadrants to 2-Sample-Interleaved not working