

Release notes TWFS2

These release notes are applicable to the following modules:

- 2IX10

Software version 2834
Hardware version 0100, 0200
Platform TWFS2
Date 14-11-2013
Filename 2IX10-0100to0200-2834-service.zip

Added option to lock to input
Changed the 2IX10 to pass SCTE104

Software version 2532
Hardware version 0100, 0200
Platform TWFS2
Date 13-07-2012
Filename 2IX10-0100to0200-2532-service.zip

Fixed instabilities on SDI2 output

Software version 2531
Hardware version 0100, 0200
Platform TWFS2
Date 20-06-2012
Filename 2IX10-0100to0200-2531-service.zip

Added GPIO functionality for manual overwrite of the Auto backup function.
Changed GPIO behavior on customer request

Software version 2429
Hardware version 0100, 0200
Platform TWFS2
Date 03-05-2012
Filename 2IX10-0100to0200-2429-service.zip

Solved Glitch when using GPIO's for switching

Software version 2428
Hardware version 0100, 0200
Platform TWFS2
Date 10-11-2011
Filename 2IX10-0100to0200-2428-service.zip

Added adjustable TRS error threshold

Software version 2327
Hardware version 0100, 0200
Platform TWFS2
Date 31-08-2011
Filename 2IX10-0100to0200-2327-service.zip

Added feature to switch of the carrier output when input is lost

Software version 2226
Hardware version 0100, 0200
Platform TWFS2
Date 20-05-2011
Filename 2IX10-0100to0200-2226-service.zip

Improved stability over multiple hardware versions

Software version 2121
Hardware version 0100, 0200
Platform TWFS2
Date 16-12-2010
Filename 2IX10-0100to0200-2121-service.zip

In Combined Mode switch back functionality is improved.
After having both inputs in error state the card will switch to first correct applied input.

Software version 2120
Hardware version 0100, 0200
Platform TWFS2
Date 10-12-2010
Filename 2IX10-0100to0200-2120-service.zip

- Added Combined mode and Take functionality when using GPIO option.
- Fixed: Switching back in blanking
- Fixed: Input mode switch change does not effect output when switch back option is set to off or backup fail.
- Changed: backup relay control timing

Software version 1617
Hardware version 0100
Platform TWFS2
Date 21-09-2009
Filename 2IX10-0100-1617-service.spf

- Fixed: When switching channels with GPI's, the channels got crossed sometimes.
- Added explicit WSS_insert setting, so user has to choose between WSS standard and WSS extended.
Background:
Previously, user was able to set both wss standard and extended to a value other than off.
Since wss standard and extended can't be inserted at the same time, wss extended was inserted, making the choice between the two implicitly.
- Changed WSS_Std_ins to WSS_0_Std_ins and changed WSS_Ext_ins to WSS_0_Ext_ins.
Added WSS_1_Std_ins and WSS_1_Ext_ins.
- Added control mode VL_WSS_Ins "Input_sel". When set to input_sel, AFD chosen in WSS_0_Std_ins or WSS_0_Ext_ins (depending on WSS_insert) is inserted when input 1 is active, and afd in WSS_1_Std_ins or WSS_1_Ext_ins is inserted when input 2 is active.

Software version 1515
Hardware version 0100
Platform TWFS2
Date 26-05-2009
Filename 2IX10-0100-1515-service.spf

- GPO2 output is the inverted of GPO1 output, which follows the active input.
- GPI mode 2 (latching 1/2 button control) defaults to input A.

Software version 1413
Hardware version 0100
Platform TWFS2
Date 17-06-2008
Filename 2IX10-0100-1413-service.spf

Added Switch-Back option 'BackUp_Fail' for when after a switch Input_B fails
Fixed: Mutes audio when there is no input
Fixed: possible TRS-errors when switching

Software version 1312
Hardware version 0100
Platform TWFS2
Date 10-03-2008
Filename 2IX10-0100-1312-service.spf

Changed Input-Sel, Switch-back, and GPI functionality

Switch back 'Off' no switch occurs even when input B has an error.
Switch back 'On' it returns to input A when status of input A is Ok

In Auto-GPI or GPI-only mode a GPI-change forces a switch to select the other input channel.
(so NO fixed position of the switch in non latching mode for selection of input A or B).
In Auto-GPI it is not possible to switch back to input A while input A is in error and input B is OK.

Aligned Freeze detection of input A and B so delay between input channels of max. 1 frame is possible
(before producing an automatic switch due to a freeze error).

Software version 1110
Hardware version 0100
Platform TWFS2
Date 20-09-2007
Filename 2IX10-0100-1110-service.spf

- Gpi mode 2 added

Software version 0909
Hardware version 0100
Platform TWFS2
Date 15-03-2007
Filename 2IX10-0100-0909-service.spf

- Added Events for Active output and Phase Errors.
- Fixed Events Full Scale and Block Detection.
- Changed in 'Auto' Input-Sel mode, input A is preferred when both inputs have errors.
- Added a phase error sensitivity setting for the detection of phases errors [>90 Deg.>135 Deg.>160 Deg].

Software version 0808
Hardware version 0100
Platform TWFS2
Date 24-01-2007
Filename 2IX10-0100-0808-service.spf

Added Digital Freeze detection
Adjusted Block detection
Fixed functionality Auto-GPI (works as switch-back override)
Fixed output configuration: 2x1: output A and B the same; 2x2 output A always different from B
Added Events for TRS, ANC, Freeze, Black, Block, Full Scale.

Software version 0707
Hardware version 0100
Platform TWFS2
Date 11-10-2006
Filename 2IX10-0100-0707-service.spf

- Added Latching / Non-Latching GPI Setting
- Changed switching behavior when both input have errors. When both inputs have error no switching occurs

Software version 0606
Hardware version 0100
Platform TWFS2
Date 25-09-2006
Filename 2IX10-0100-0606-service.spf

- Added Blocking detection

Software version 0505
Hardware version 0100
Platform TWFS2
Date 01-08-2006
Filename 2IX10-0100-0505-service.spf

- Input / output timing corrected in Synchronizer
- WSS detection added
- WSS Insertion added
- VI detection added
- Timecode detection added (VITC)
- YPbPr range detection added.
- Monochrome detection added.
- Phase reversal error detection added.
- Full scale detection added.
- Audio in Group detection added

Software version 0404
Hardware version 0100
Platform TWFS2
Date 24-04-2006
Filename None

Video Index mode added for non active GPI.
ANC error function added.
Silence detection added.
Group detection added.
Freeze and black time extended to more than one minute.
Active channel added in status.

Software version 0303
Hardware version 0100
Platform TWFS2
Date 03-03-2006
Filename None

WSS insertion added.
Some default settings changed.
notGPI-2 added to VI/WSS-ins setting.
Output goes to black instead of freeze.
Auto-GPI mode corrected.
GPIout-2 inverted.

Software version 0202
Hardware version 0100
Platform TWFS2
Date 28-2-2006
Filename None

If Switchback is off the card also returns to main if main is ok and the backup channel is in error.
GPL_in 1 (channel sel) is now controlled by a pulse instead of low/high.
Auto in 2x1 mode fixed.
Audio transparent for A on output B.

Software version 0101
Hardware version 0100
Platform TWFS2
Date 24-2-2006
Filename None

First release. Limited functionality, phase1. Phase2 items are in nice to have.
