

# Imagestore HD V1.13.7 Release Notes

**\$Date: 2008/01/10 11:39:21 \$**

## **V1.13a1 - 06/04/2006**

- Initial release. Changes merged from branch12 (IS300/ISHD/Intuition) and mpeg\_test\_branch (Intuition+).

## **V1.13a2 - 07/04/2006 (unreleased)**

- No changes.

## **V1.13a3 - 10/04/2006 (unreleased)**

- No changes.

## **V1.13a4 - 10/04/2006 (unreleased)**

- No changes.

## **V1.13a5 - 11/04/2006 (unreleased)**

- No changes.

## **V1.13a6 - 12/04/2006 (unreleased)**

- No changes.

## **V1.13a7 - 13/04/2006 (unreleased)**

- [Bug #605] Automation 8 command Load image from library.

## **V1.13a8 - 18/04/2006 (unreleased)**

- Upgraded P229 firmware file to L082\_1V1.xsvf.

## **V1.13a9 - 18/04/2006**

- Corrected compile flags to not enable SSE2 instructions. These cause an illegal instruction fault.
- Fixed a syntax error in is23.mix and is23eply.mix which prevented the file from loading.
- [Bug #335] Wrong number of sequences.
- [Bug #665] Alternating slides on MG and FG layers causes audio engine to fail.

- [Bug #691] Single Shot Animation DSK On/Off state.

## **V1.13a10 - 27/04/2006 (unreleased)**

- [Bug #647] Audio crash when both DSKs fired together with associated audio.

## **V1.13a11- 17/05/2006**

- [Bug #701] License value bug now fixed
- Maximum number of licenses increased to 31
- [Bug #313] New gain types A\_UNITY\_XP and B\_UNITY\_XP added
- [Bug #397] Default mixfiles do not support all audio preview selections.
- [Bug #648] Change "Clean Reset" to "Factory Reset" on front panel
- [Bug #730] "File corrupt" thumbnail image drawn in teeny wee text at the top left.
- [Bug #708] Prevented Imagestore from hanging when connected to Miranda iControl
- [Bug #249] DVE GPI outputs now available
- [Bug #664] Animation in-loop-out behaviour differences between IS300 and IS2.
- [Bug #49] No thumbnail is returned if the requested file is corrupt or not present.
- [Bug #536] Emergency To Air does not load up V000.oxt.
- [Bug #734] Easytext thumbnails are broken.

## **V1.13b1 - 31/05/2006 (unreleased)**

- [Bug #749] Crash with empty text box.
- [Bug #750] Added new VOn\_UNITY\_XP gain types.
- [Bug #719] Added log error when Z4 command attempts (incorrectly) to change the background.
- [Bug #765] Fixed Intuition clip-on mode when under Harris automation.
- [Bug #510] Load live state now stored.
- [Bug #748] GPI control of animations added.
- [Bug #680] Added audio shuffles for use via GPIs and the front panel.
- [Bug #724] Easyplay errors in 1.11.8
- [Bug #725] Disallow setting strap speed to an odd number.
- [Bug #714] U8 V fade (fade via black) command performing X fades.
- [Bug #722] ISHD using inappropriate values for CGT without preset values.
- [Bug #781] Memory leak if get\_xml\_mixfile fails.
- [Bug #782] Buffer overflow in get\_xml\_mixfile.
- [Bug #798] Load Live doesn't work.
- [Bug #799] XR command doesn't work.

## **V1.13b2 - 26/06/2006**

- [Bug #584] Allow user to select between common mixfiles from Front Panel
- Fixed interrupt enabling issues.
- [Bug #679] Licenced value of ILIB now correctly determines animation playout memory, but ILIB shows 4000 images allowed for the front panel and IMM.
- [Bug #858] Unusual network activity.

- [Bug #460] Output gain cannot be controlled. (j10 command).
- [Bug #768] ImagestoreHD changes file name case on load from "WG\_HD.OXA" to "wg\_hd.oxa".
- [Bug #794] Load image from Library 8 automation command fails.
- [Bug #833] Oxtel525.oxt is corrupt in 1.11.9b5

### **V1.13b3 - 05/07/2006 (unreleased)**

- Increased DVE signature retries counter.
- Added is23.mix & is23eply.mix version 1.6.5...
  - Full IS2-style input previewing
  - Passthrough for groups 2-4
  - Supports A/B Mix mode
  - All preview audio embedded to PVW output
  - Two AES input voice-overs mapped to 1st & 2nd VO
- Changes to interrupt logging to prevent out-of-bounds line number from crashing driver.
- [Bug #729] Easyplay Store 1 lockups.
- [Bug #857] Running sequences in DVE Bypass mode.
- [Bug #484] A\_XP and B\_XP report as depreciated gain types but are essentials.
- Fixed interrupt reporting to prevent bad line numbers from causing a kernel crash
- Updated imstreg to make reads more reliable
- [Bug #922] Easyplay: Loading slot 2 while playing slot 1 audio corruption.

### **V1.13b4 - 07/07/2006 (unreleased)**

- No changes.

### **V1.13b5 - 12/07/2006 (unreleased)**

- No changes.

### **V1.13b6 - 14/07/2006 (unreleased)**

- [Bug #907] Text builder templates not saving changed key parameters.

### **V1.13b7 - 17/07/2006**

- Implemented the Ross DVE firmware upgrade mechanism.
- [Bug #914] DVE transparency.
- Added p229 firmware (L082\_1V2\_20060714.xsvf). Genlock code updated to match XVP. Algorithm further refined to reduce low frequency jitter.
- Added audio firmware (l070\_v7\_170706.bit). Fix for audio sample phase shift.

### **V1.13 - 19/07/2006 (unreleased)**

- No changes.

### **V1.13.1b1 - 21/07/2006 (unreleased)**

- No changes.

### **V1.13.1b2 - 28/07/2006 (unreleased)**

- No changes.

### **V1.13.1b3 - 31/07/2006**

- [Bug #974] Message log is spammed with licence reports.

### **V1.13.1b4 - 01/08/2006**

- [Bug #992] No /etc/mixes mixfiles available.
- [Bug #985] Serial and Ethernet communication intermittent (Thumbnails not working).
- [Bug #986] Defaulting to wrong mixfile, and is23 compatibility mode not selected.

### **V1.13.1b5 - 02/08/2006**

- [Bug #747] Applying the output gain to the meters.
- [Bug #998] Selectable mix files are not available when the Imagestore is in IS23 mode.

### **V1.13.1b6 - 11/08/2006**

- [Bug #993] Log error added for illegal DVE moves set via W1 command (embedded in Intuition template).
- [Bug #1003] Add/remove custom mixfiles via the front panel ("Setup - File Operations" menu).
- [Bug #1015] No logging for incorrect filenames with R2 command.
- [Bug #1025] Easyplay fade ins
- [Bug #1024] Issues with the Z1 command.
- [Bug #724] Easyplay errors in 1.13.1 beta 5 (fix lost during merge).
- Implemented licence and features for Imagestore HD-TV LOGO product.
- [Bug #976] Request for Imagestore webpage to be reinstated.
- Added new P229 firmware (L082\_1V3\_20060809.xsvf) to fix issue with jitter (video buses now correctly terminated).

### **V1.13.1 - 14/08/2006 (unreleased)**

- No changes.

### **V1.13.2b1 - 23/08/2006**

- [Bug #1034] RCP setup menu OK button does not save brightness / contrast.
- [Bug #342] GPI input functions appear as automation commands for Emergency to/from AIR, and

EAS on/off.

- [Bug #942] Audio and metering function breakage without EPLY licence enabled.
- [Bug #1029] Easyplay file selection corrected when multiple files of the same name exist with different extensions.
- [Bug #1041] LOGO (300 & HD) B channel available in front panel Audio menus.
- [Bug #874] SYSNAME data tag does not return full software version.
- [Bug #1046] Remove "Update Software" option from front panel. This is now superceded by the Imagestore webpage "Create Update Media" option.
- [Bug #383] Mechanical Bypass doesn't turn off when halting system.
- [Bug #443] Adding "Play DVE sequence" gpi events does not return to the GPI macro.
- [Bug #925] R0 only loads one DSK when two commands are sent.
- [Bug #927] n2 and n4 comands fail.
- [Bug #1039] Triggering of a GPI output when an EAS crawl finishes.
- [Bug #1045] Prevent IS web pages from being cached.
- [Bug #1040] Ability to trigger a GPI Output within a GPI macro.
- [Bug #755] Added available common mixfiles for selection from front panel.
- [Bug #653] Hostname now configurable via front panel 'System Setup'.

### **V1.13.2b2 - 01/09/2006**

- [Bug #681] No store unload function in ISHD or IS300.
- [Bug #1056] UC command V-fade duration doubles after performing a cut.
- [Bug #1048] Analogue reference timing different to IS2 and IS300.
- [Bug #755/2] Completed list of new common mixfiles for selection from front panel.

### **V1.13.2b3 - 04/09/2006**

- No changes.

### **V1.13.2b4 - 05/09/2006**

- [Bug #755/3] Updated to latest set of mixfiles (package version 1.2).

### **V1.13.2b5 - 07/09/2006 (unreleased)**

- No changes.

### **V1.13.2b6 - 08/09/2006**

- [Bug #143] Added check for PlayOnce flag for multi-loop animations.

### **V1.13.2b7 - 08/09/2006**

- [Bug #1085] Allow loading of custom mixfiles with filenames containing multiple "." characters.

### **V1.13.2 - 13/09/2006 (unreleased)**

- [Bug #755/4] Updated to latest set of mixfiles (package version 1.3).

### **V1.13.3b1 - 14/09/2006**

- [Bug #1100] Added new P229 firmware (L082\_1V4\_20060913.xsvf) to fix...
  - Video tearing in absence of external analogue reference.
  - Intermittent infrequent occasional CRC/line length errors on a few "rouge" units (most units are fine)
  - Low frequency jitter occasionally "blips" out of spec > 1UI

### **V1.13.3 - 19/09/2006 (unreleased)**

- [Bug #313] Input profiles problem
- [Bug #1103] Add /etc/mixes to web page

### **V1.13.4b1 - 19/09/2006**

- No changes.

### **V1.13.4b2 - 29/09/2006**

- [Bug #1112] Easyplay stop does not function.
- [Bug #1126] Improved naming convention for 5.1 and 7.1 standard mixfiles.
- [Bug #1062] Enquire Mix Mode (Ua) automation command failure.
- [Bug #1125] Deleting IS300 macro step deletes entire macro.

### **V1.13.4b3 - 06/10/2006**

- [Bug #1123] Transparency issue with Intuition in FG, Imagestore behind Intuition graphics.
- [Bug #1106] Easytext file causes HD RCP to light incorrectly.

### **V1.13.4b4 - 17/10/2006**

- [Bug #1139] Front Panel scrolling doesn't work if there is only one character too many.
- [Bug #1157] Custom mixfile won't load after upgrading from 1.11.x to 1.13.x.
- [Bug #1162] Added standard mixfiles for Intuition voice-overs (5.1\_IntuitionVO.mix & 7.1\_IntuitionVO.mix).

### **V1.13.4b5 - 17/10/2006 (unreleased)**

- No changes.

### **V1.13.4 - 19/10/2006**

- [Bug #1250] Changed front panel text from "Voice-over1 pairX" to "Voice-over pairX" (IS23 Emulation audio).
- [Bug #1152] Easyplay voiceover does not cut down.
- [Bug #1169] Stopping a looped Easyplay file fades VO1 down without actually stopping Easyplay.
- [Bug #1171] "Select mixfile" freezes front panel when Easyplay licence not present.

### V1.13.5b1 - 06/11/2006

- [Bug #1180] Buffer overflow potential for conf.xml.
- [Bug #308] The video standard does not get saved and restored with the "Configuration Save" function.
- [Bug #1064] Output gain control of AES channels.
- [Bug #1141] Output audio gain to control all groups + AES.
- [Bug #1197] Front panel does not show current channel after a cut.
- [Bug #1168] #define out front panel menu items reliant on IS23 Mode.

### V1.13.5b2 - 21/11/2006

- [Bug #1064/2] Updated standard mixfiles (/etc/mixes) for output gain control on all audio channels. **Requires Presmaster v4.5b7 or above.**
- [Bug #1221] Imagestore crashes when constantly loading digital clocks.
- [Bug #742] Logging of files associated with OxSox messages.
- [Bug #1205] Added "Set Cut Mode" and "Set Fade Mode" front panel options to allow cuts/fades to occur on field 1, field 2, or any field.

### V1.13.5b3 - 28/11/2006

- [Bug #1234] Increase conf.xml maximum size.
- [Bug #1231] "Setup > System Information > Current Mix File" shows incorrect information for mixfile names of less than 20 characters (/etc/mixes/is23.mix).
- [Bug #1205/2] Save states of "Set Cut Mode" and "Set Fade Mode" into conf.xml.

### V1.13.5b4 - 01/12/2006

- [Bug #1250] Changed front panel strings from "Voice-over pairN" to "Voice-over N".
- [Bug #1242] i0 command does not return an ACK.

### V1.13.5 - 07/12/2006

- [Bug #1262] Time Code VITC does not work.
- [Bug #1013] Corrected keyer modes to match Imagestore 2/3 and Oxtel Automation Protocol version 12 (Seperate "Cx 0" & Self "Cx 1").
  - **Upgrade note:** The Key Mode (**Operate > DSKx > Keyer Opertaions > Set Key Parameters > Source**) may need to be changed for keyers that are associated with an external fill/key. Keyers associated with loaded media will be unaffected.

### V1.13.6b1 - 18/12/2006 (unreleased)

- No changes.

### V1.13.6b2 - 16/01/2007

- [Bug #1278] Corrected ordinals for Set Preview automation command (XH) to match documentation and IS300.
  - **Upgrade note:** Please correct the Preview Mode when installing this software version (**Operate > Preview Select**).
- [Bug #880] Added ICU lib support for right-to-left text scripts.
- [Bug #1310] Added new Zg command for pausing and restarting text straps.
- [Bug #1322] Key modes self and separate were swapped on front panel.
  - **Upgrade note:** The Key Mode (**Operate > DSKx > Keyer Operations > Set Key Parameters > Source**) may need to be changed for keyers that are associated with an external fill/key. Keyers associated with loaded media will be unaffected.
- [Bug #1072] HD DVE right edge exhibits a fine vertical line - (p181 firmware updated to 1057b6.xsvf).

### V1.13.6b3 - 05/02/2007

- [Bug #1335] Changed the warning message "Invalid automation command" to read "Ignoring invalid command" to prevent it from being misinterpreted as a communications error. If this message is seen then please cross-reference the commands sent by automation against the Command Validity table in Oxtel Series Automation Protocol.

### V1.13.6b4 - 06/02/2007 (unreleased)

- No changes.

### V1.13.6b5 - 16/02/2007

- [Bug #1355] Preview Select should factory default to "Presmaster Preview".

### V1.13.6b6 - 20/02/2007

- [Bug #1364] Errors in is23.mix
- [Bug #1363] A\_UNITY\_XP\_n & B\_UNITY\_XP\_n gain types do not allow shuffles.

### V1.13.6b7 - 26/02/2007

- [Bug #1361] In-loop-out animations did not start from the beginning
- [Bug #1110] Allow different styles of EAS, fonts, sizes, colours etc
  - **Upgrade note:** To change the appearance of EAS alerts, please modify the Easytext templates EASHighHD.oxa, EASMidHD.oxa, EASLowHD.oxa and EASNoneHD.oxa



### **V1.13.6b8 - 09/03/2007**

- [Bug #1195] Improved logging when the packet STX is incorrect (swapped).
- [Bug #1325] Confusion over embedded audio licence option. The value of ESSD defines the number of groups of embedded audio, so limit this in software to maximum of 4 (equivalent to 16 channels).
- [Bug #1305] Audio doesn't follow the video with a VFade via UA (also affects U6 and UC).
- [Bug #1370] Add A/B\_PRESHUFFLE\_UNITY\_XP\_n audio gain types.
- [Bug #1382] Added diagnostics archive to the web page.
- [Bug #1378] Enable datasource automation commands for Imagestore->Intuition passthrough mode.

### **V1.13.6b9 - 20/03/2007**

- [Bug #1375] Improve logging for media loads and keyer cuts.
- [Bug #1084] Logging levels only affect imstmain.
- [Bug #1079] Added audio gain options to fader setup.
- [Bug #1389] Enable text automation commands (Z) for Imagestore->Intuition in passthrough mode.

### **V1.13.6b10 - 26/03/2007**

- [Bug #1406] Error in final 3 samples of the chroma HANC data (all HD standards).
- [Bug #1084/2] Modified recent logging levels changes to fix breakage in DVE initialisation.

### **V1.13.6b11 - 02/04/2007**

- [Bug #1378/2] Fixed previous implementation of 1378 (Enable datasource automation commands for Imagestore->Intuition passthrough mode).
- [Bug #1441] Reference options in wrong order ("PGM wrt HD/REF1" should be first).
- [Bug #1440] Add release notes to Imagestore webpage.

### **V1.13.6b12 - 11/04/2007**

- [Bug #1432] Timecode overwritten by embedded audio - (p181 firmware updated to l057b7.xsvf).

### **V1.13.6b13 - 13/04/2007**

- [Bug #1458] Loading EasyText template freezes unit when externally referenced image can not be found.

### **V1.13.6b14 - 26/04/2007**

- [Bug #1471] is23.mix mixfile doesn't fully support previewing.
- [Bug #1461] Imagestore eventually freezes when running an aggressive Presmaster schedule without an RCP attached. (Possibly only affects ISHD).

### **V1.13.6b15 - 14/05/2007**

- [Bug #1432] Timecode partially overwritten by embedded audio (line 9 HANC Luma) - (p181 firmware updated to l057b8\_20070514.xsvf).

## **V1.13.6 - 18/05/2007**

- [Bug #1489] Some wav files with unusual header would not load.
- [Bug #1492] Fixed text layout errors introduced with fix for Bug #880.

## **V1.13.7b1 - 30/05/2007**

- [Bug #1515] EAS Cuts down before completing
- [Bug #1515/2] EAS Cuts down before completing - Fixes severity colours
- [Bug #1470] Onscreen glitch when using Cut Load mode.
- [Bug #1528] Configuration Save/Load does not include mixfile.xml.

## **V1.13.7b2 - 08/06/2007**

- [Bug #1465] Added missing commands to auto2text for verbose logging
- [Bug #1470/2] Prevent hang introduced with Clean Load mode in 1.13.7b1.
- [Bug #1535] jb set audio transition to V-fade, runs a X-Fade the first time it is called after an X-fade
- [Bug #1536] jc audio AB asymmetric transition is working in frames as opposed to fields
- [Bug #1541] EAS flickers on crawl restart.

## **V1.13.7b3 - 22/06/2007**

- [Bug #1443] Diagnostics dump needs filesystem and disk information
- [Bug #1546] Front panel fails to start
- [Bug #1479] Deprecate the Set Fade Mode option. Fades to utilise the cut mode instead.
- [Bug #1566] Corrected typo in StartMix string for is23.mix and is23epl.mix (non-functional change)
- [Bug #1530] EAS crawl changes font and position after repeated use of EAS on.
- [Bug #1570] Corrected file permissions for EAS Easytext files.

## **V1.13.7b4 - 11/07/2007**

- [Bug #1530/2] EAS memory leak and added support for TFT911 with new Easytext crawl method.
- [Bug #1640] Ensure Imagestore always restarts in known state (AB Mixer at A, Keyers down, FTB off).
- [Bug #1487] .WAV files will not copy onto Imagestore from removable media.
- [Bug #1699] Users should not be able to select /etc/mixes/eas.mix from the front panel.
- [Bug #1657] Move IP Address earlier in system information menu.

## **V1.13.7b5 - 24/07/2007**

- [Bug #1720] 0 based channel number showing in GPI setting. (audio shuffle).
- [Bug #1756] Some layer-based commands are NOT forwarded onto Intuition.
- [Bug #1421] VO2\_UNITY\_XP and V04\_UNITY\_XP are referenced in standard mixfiles.

- [Bug #1614] Animation hits frame limit before size limit.

### **V1.13.7b6 - 26/07/2007 (unreleased)**

- No changes.

### **V1.13.7b7 - 03/08/2007**

- [Bug #1799] Output Gain Vaule not Saved (Config Level: Verbose).
- [Bug #1872] Mapping error in is23.mix/is23eply.mix for passthrough G3\_P1\_R.
- [Bug #1788] Unit crashes when using Z1 command with verbose logging enabled.
- [Bug #1538] .enable function pointer doesn't work in System Information Menu.
- [Bug #1792] EAS Easytext templates will not work without ETXT licence present.

### **V1.13.7b8 - 28/08/2007**

- [Bug #1871] Inconsistency between MAX\_COMMAND\_LEN and MAX\_AUTO\_STRING.
- [Bug #1880] OutputGain can't be saved correctly (can cause Output mute).
- [Bug #1928] EAS off can't restore live key, gives BLACK OUTPUT.
- [Bug #1940] Front panel freezes after EAS Easytext load failure.
- [Bug #1760] FP Easyplay load doesn't retain last filename.
- [Bug #1841] Wav files not deleted.
- [Bug #2033] Easytext flashes when a datasource is updated.

### **V1.13.7b9 - 29/08/2007 (unreleased)**

- No changes.

### **V1.13.7b10 - 03/09/2007**

- [Bug #2015] Strict/Relaxed Automation Mode.
- [Bug #2078] Resolve differences between processing of Automation and Presmaster protocols.

### **V1.13.7b11 - 13/09/2007**

- [Bug #2057] Units lose baud rate/protocol settings after power cycling.
- [Bug #2082] Add missing verbose log file automation-to-text conversions.
- [Bug #1488] A and B signals get swapped when DVE Mode = AB Mixer.
- [Bug #2111] Loading DSK unloads easyplay file with Follow DSK off.
- [Bug #1578] Automation command to specify crawl count and tally when crawl completes.
- [Bug #2123] Stores should not be reloaded on restart when standard changes (verbose config mode).

### **V1.13.7b12 - 18/09/2007**

- [Bug #2136] FP retains Easyplay media filename after the file is unloaded.
- [Bug #2138] Easyplay store is not unloaded with its equivalent DSK (Easyplay Follows DSK = On).

- [Bug #2121] 1 field dropout when switching DVE mode.
- [Bug #1578/2] Automation command to specify crawl count and tally when crawl completes.

### **V1.13.7b13 - 19/09/2007**

- [Bug #2150] FP: Doesn't show loaded audio filename after the associated image file is loaded.
- [Bug #2153] DVE: The keyer mask are not aligned horizontally.
- [Bug #2167] Animation .oxa file can not be cut/fade up.

### **V1.13.7b14 - 27/09/2007**

- [Bug #1858] Swap preview functionality required.
- [Bug #2151] DVE: Changing modes makes B channel shown after a delay.
- [Bug #2146] ISHD locking to SD reference timing is out by 16 lines.
- [Bug #2193] Comms problems between PCS and ISHD, NAKs in particular (**Linux kernel upgrade to 2.6.20**).
- [Bug #2210] Interrupt timeout issues.

### **V1.13.7b15 - 03/10/2007**

- [Bug #1300] X5 command (return colour field status) needs implementing.
- [Bug #2172] Verbose logging incorrect for R0 enquire.
- [Bug #2236] Remove potential for flashing animation when DVE move is first loaded.
- [Bug #2238] ISHD v1.13.7b14 does not boot-up after software update.

### **V1.13.7b16 - 10/10/2007**

- [Bug #2233] X9 command is not in auto2text
- [Bug #2241] Text crawl count is not updated correctly.
- [Bug #1578/3] Parameter to Zh command to make keyer cut down when crawl completes.
- [Bug #2244] Assigning faders don't do what is expected.

### **V1.13.7b17 - 12/10/2007**

- [Bug #1307] Add Y3 tally to report which input is routed to program & preview.
- ~~[Bug #2052] Add extra logging for R4 and R5 commands.~~
- [Bug #2265] RS422 communication failure in ISHD v1.13.7b15.

### **V1.13.7b18 - 15/10/2007**

- [Bug #2263] DSK1 clip, gain and transparency values can not be changed.

### **V1.13.7b19 - 19/10/2007 (unreleased)**

- No changes.

## V1.13.7b20 - 24/10/2007

- ~~[Bug #2053] 2GB file transfer limitation, increased to 4GB - (requires new OxSox.dll).~~

## V1.13.7b21 - 26/10/2007

- [Bug #2299] Errors with existing log translations for Rm, XK, XL and Ye commands.
- [Bug #2305] Xb and Xp commands not shown in messages log (verbose logging).
- [Bug #2053] 2GB file transfer limitation, increased to 4GB - (requires new OxSox.dll).
- [Bug #2214] Invalid loop parameters for In-Loop-Out causes crash.
- [Bug #2282] Green line on left hand edge of DVE window (720p@59.94).
- [Bug #2323] Make more space available for message log file.

## V1.13.7b22 - 31/10/2007

- [Bug #2228] Enable key source selection for external keys - (p181 firmware updated to l057b9.xsvf).
- [Bug #1858/2] Basic Swap/preview functionality not quite correct
- [Bug #2309] V-Fade through colour wrong when DVE in ABMIX mode.
- [Bug #2335] Add FP mirror to distribution.

## V1.13.7b23 - 05/11/2007

- ~~[Bug #2340]~~ Factory Reset followed by System Restart causes audio to disappear.
- [Bug #2276] imsttest needs to support arbitrary length automation.

## V1.13.7b24 - 06/11/2007

- [Bug #2284] Add ability for DVE sequences to follow-on from end of previous sequence.
- [Bug #2340/2] Factory Reset followed by System Restart causes audio to disappear.

## V1.13.7rc1 - 13/11/2007

- [Bug #2349] Tally for preload completed.
- [Bug #2272] Imagestore logs should rotate when full.
- [Bug #1392/3] Removed static length limit for responses to automation commands.

## V1.13.7rc2 - 22/11/2007

- [Bug #2370] Imsttest fails with error relating to missing nurses library.
- [Bug #2371] Console blanking hard-wired to 30 minutes.
- [Bug #2369] Numbered file load (via 8 command) no longer works with easyplay.
- [Bug #2380] p205\_test.xsvf missing in firmware folder.
- [Bug #2374] Inconsistency between R5, R6 and OxSox file name length.
- [Bug #2399] Make gpi.xml writable for all users (not just root).

### **V1.13.7rc3 - 28/11/2007**

- [Bug #1578/4] Change new crawl tally from Yc to Yg to avoid automation conflict.
- [Bug #2414] Add 32 channel AES passthrough mixfile (32chn\_AES\_pass.mix)
- [Bug #2399] Make gpi.xml writable when copied from removable media via 'Configuration Load'.

### **V1.13.7rc4 - 30/11/2007**

- [Bug #2416] auto2text logs Y6 and Y8 commands incorrectly.

### **V1.13.7rc5 - 05/12/2007**

- [Bug #1858/3] Ensure 8 command (Load Image from Library) works correctly in Swap-Preview mode. Also ensure that forwarding on commands to Intuition works correctly for 0, 1, 2, 3 and R0 in Swap-Preview mode.
- [Bug #2426] EAS off reveals some glitch on the screen.
- [Bug #2431] Tally when crawl completes (Yg) should include number of crawls so far.
- [Bug #1578/5] First loop not counted in crawl count - (affects Zh/Zc commands and Yg tally).

### **V1.13.7rc6 - 06/12/2007**

- [Bug #1578/6] Parameter to Zh command to make keyer cut down when crawl completes.
- [~~Bug #2228~~] Reverted back to p181 firmware l057b8\_20070514.xsvf (from l057b9.xsvf).
- [Bug #2442] Crawls pause sometimes when entering Load Image menu on front panel - (backed off logging changes from bug #2052).

### **V1.13.7rc7 - 06/12/2007**

- [Bug #2228/2] Enable key source selection for external keys - (p181 firmware updated to l057b9.xsvf).

### **V1.13.7 - 06/12/2007**

- No changes.

### **V1.13.7.1 - 06/12/2007**

- [Bug #2411] Some IS2 options missing from GPI Setup > GPI Outputs - (VO1/VO2 On/Off).

### **V1.13.7.2 - 18/12/2007**

- [Bug #2468] Audio embedder enabled when no audio board present.
- [Bug #2477] ISHD fails to restart via 'Restart System'.

### **V1.13.7.3 - 10/01/2008**

- [Bug #2504] Diagnostics archive does not contain message logs.
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## Notes

Please note: To downgrade software from 1.13.x to 1.11.x on units currently using the JFS file system (Setup > System Information > File System Type) the "InitHD" option must be used. When doing this it is essential that the Imagestore configuration and all media are backed up first. If the unit is currently using the EXT2 file system then the standard "Update" option can be used.