

AXS Software Release Notes Summary for releases numbered 2.##:

AXS Release 02.47 - Notes: 2022-1-03

Files (updated):

[axsb0122f.bin](#)
[axs01035c.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_41c.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_03a.mcs
0368_app_05_44a.elf
0369_boot_00_05a.bin
0369_app_00_09b.bin

NOTES:

- Minor bug fixes related to Vision setup

AXS Release 02.46 - Notes: 2021-11-14

Files (updated):

[axsb0122f.bin](#)
[axs01035b.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_41c.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_03a.mcs
0368_app_05_44a.elf
0369_boot_00_05a.bin
[0369_app_00_09b.bin](#)

NOTES:

DAW configuration updates including MCU support, 5 combinations of control surface and DAW.

- Mackie HUI: Pro Tools
- Mackie Control: Generic
- Mackie Control: Luna
- Mackie Control: Studio One
- Mackie Control: Logic
- Fader touch popups improved for DAW mode
- DAW page now supports channel meters

New floating DAW transport palette with timecode

Improvements MIDI/USB communication

Improvements to fader fault condition recovery

AXS Release 02.45 - Notes: 2021-11-09

Release not distributed, for internal development only

AXS Release 02.44 - Notes: 2021-09-30

Release not distributed, for internal development only

AXS Release 02.43 - Notes: 2021-08-25

Files (updated):

axsb0122c.bin
[axs01033a.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_41c.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_03a.mcs
0368_app_05_44a.elf
0369_boot_00_05a.bin
0369_app_00_09a.bin

NOTES:

Miscellaneous GUI updates for the Vision console configuration.

AXS Release 02.42 - Notes: 2021-06-08

Files (updated):

[axsb0122c.bin](#)
[axs01033.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_41c.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
[0368_fpga_06_03a.mcs](#)
[0368_app_05_44a.elf](#)
[0369_boot_00_05a.bin](#) (file type change)
[0369_app_00_09a.bin](#)

NOTES:

0371 Boot

- Updates to fader calibration, configuration, and error reporting
- Various minor improvements and bug fixes

AXS Release 02.41 - Notes: 2020-09-20

Files (updated):

[axsb0122b.bin](#)
[axs01032c.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs

0354_app_05_41c.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
0368_app_05_43b.elf
0369_boot_00_04d.hex
0369_app_00_08h.bin

NOTES:

0371 Boot

- Minor graphics updates

AXS Release 02.40 - Notes: 2020-08-03

Files (updated):

axsb0122a.bin
[axs01032c.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
[0354_app_05_41c.elf](#)
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
[0368_app_05_43b.elf](#)
0369_boot_00_04d.hex
[0369_app_00_08h.bin](#)

Major Feature Updates:

- MIX, SONGS, SNAPSHOTS, and GROUPS now all have Properties editing. This allows for name editing, color changing, and notes. They also all have multi-select functionality. SNAPSHOTS was given their own tab as a result.
- GROUPS properties now provides a full list of group members and allows for editing the group after creation.
- Add RECOVER POSITIONS feature for changing into READ or UPDATE mode as well as a manual position recovery.
- ENABLE TC changed to ENABLE AUTOMATION. When not selected now turns off automation ENABLES.
- New channel selection scheme with user settable options.
- Added NEW SNAPSHOT button on Status the page.
- Various bug fixes and graphic tweaks.

AXS Release 02.39 - Notes: 2020-07-12

Release not distributed, for internal development only

AXS Release 02.38 - Notes: 2020-06-17

Release not distributed, for internal development only

AXS Release 02.37 - Notes: 2020-06-14

Release not distributed, for internal development only

AXS Release 02.36 - Notes: 2020-05-13

Release not distributed, for internal development only

AXS Release 02.35 - Notes: 2019-12-14Files (updated):

[axsb0121i.bin](#)

[axs01030b.img](#)

0373_fpga_01_13.jed

0354_boot_09_19.mcs

0354_app_05_40a.elf

0357_boot_09_07.mcs

0357_app_05_41b.elf

0368_fpga_06_02a.mcs

0368_app_05_43a.elf

0369_boot_00_04d.hex

[0369_app_00_08g.bin](#)

NOTES:

0371 Boot

- Minor bug fixes

0371 App

- Mix Page Changes: New "Mix Properties" dialog for setting the name, notes and color for each mix. Changes to the mix list to display colors
- List Box and multi-select improvements
- System Keyboard improvements
- New GUI Options Dialog Box
 - Touch cursor option moved to the box.
 - New option to turn off fader touch popups.
 - New option to make mix colors sticky.
- Scroll bar display improved.
- Fader touch popups moved so they don't obscure the timecode display.
- Compatibility with old projects created with later 1.XX system versions

0369 App

- Widen the touch range to try to be more tolerant of multi-touch issues
- Minor bug fixes

AXS Release 02.34 - Notes: 2019-11-19

Release not distributed, for internal development only

AXS Release 02.33 - Notes: 2019-10-06

Release not distributed, for internal development only

AXS Release 02.32 - Notes: 2019-9-08

Files (updated):

[axsb0119a.bin](#)
[axs01029a.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
0368_app_05_43a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 Boot

- Code cleanup, improved performance

0371 App

- OS code cleanup, now boots 20 seconds faster

AXS Release 02.31 - Notes: 2019-7-28

Files (updated):

[axsb0118e.bin](#)
[axs01028e.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
0368_app_05_43a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 Boot

- Now shows bootloader version letter and USB-MIDI version when booting
- Improvements to USB communication buffer

0371 App

- DAW communication improvements, fader response and track display info
- The ACM now shows "USB Connected", "USB Disconnected", and "USB Write Error" messages

AXS Release 02.30 - Notes: 2019-7-14

Files (updated):

[axsb0118a.bin](#)
[axs01028c.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf

0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
0368_app_05_43a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 Boot

- Improvements to USB communication buffer

AXS Release 02.29 - Notes: 2019-6-24

Files (updated):

axsb0117b.bin
[axs01028c.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
0368_app_05_43a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 App

- Fixed problem with the last bank of faders not being available for assignment to a DAW bank

AXS Release 02.28 - Notes: 2019-6-20

Files (updated):

axsb0117b.bin
axs01028b.img
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
[0368_app_05_43a.elf](#)
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0368 App

- Fixed issue with DAW mode ignoring large fader mute switch

AXS Release 02.27 - Notes: 2019-6-18

Files (updated):

axsb0117b.bin
[axs01028b.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_09_07.mcs
0357_app_05_41b.elf
0368_fpga_06_02a.mcs
0368_app_05_42a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 App

- F2 key now swaps what shows on the upper and lower LCD
- Remove the solo groups button from the non-vision status page.

AXS Release 02.26 - Notes: 2019-6-09

Files (updated):

axsb0117b.bin
[axs01028a.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
[0357_boot_09_07.mcs](#)
[0357_app_05_41b.elf](#)
0368_fpga_06_02a.mcs
0368_app_05_42a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0357 in-place updater

- This is a special .ELF program that will in-place upgrade a 950-0357 FCM's FPGA to the latest 9_7 version.
- File name: 0357_app_upgrade_01_00a.elf

AXS Release 02.25 - Notes: 2019-6-05

Files (updated):

axsb0117b.bin
[axs01028a.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_08_07.mcs
[0357_app_05_41a.elf](#)
0368_fpga_06_02a.mcs

0368_app_05_42a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 App

- Support for sending .MCS files to FCMs for self-programming

0357 App

- Support for receiving and self-programming .MCS files.

AXS Release 02.24 - Notes: 2019-5-28

Files (updated):

axsb0117b.bin
[axs01027a.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_08_07.mcs
0357_app_05_40a.elf
0368_fpga_06_02a.mcs
0368_app_05_42a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 App

- Minor tweaks to support use in Vision console
- Time/Date Dialog and real time clock chip support.
 - Allows for setting the time manually
 - Allows activation of internet time sync
 - Allows for immediate time sync

AXS Release 02.23 - Notes: 2019-5-08

Files (updated):

axsb0117b.bin
[axs01026c.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_08_07.mcs
0357_app_05_40a.elf
0368_fpga_06_02a.mcs
0368_app_05_42a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

Minor tweaks to support use in Vision console

AXS Release 02.22 - Notes: 2019-5-01

Files (updated):

axsb0117b.bin
[axs01026b.img](#)
0373_fpga_01_13.jed
0354_boot_09_19.mcs
0354_app_05_40a.elf
0357_boot_08_07.mcs
0357_app_05_40a.elf
0368_fpga_06_02a.mcs
0368_app_05_42a.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 App

- Added a +10dB Protocols fader curve to the DAW control settings

AXS Release 02.21 - Notes: 2019-4-25

Files (updated):

axsb0117b.bin
[axs01026.img](#)
0373_fpga_01_13.jed
[0354_boot_09_19.mcs](#)
[0354_app_05_40a.elf](#)
0357_boot_08_07.mcs
[0357_app_05_40a.elf](#)
0368_fpga_06_02a.mcs
[0368_app_05_42a.elf](#)
0369_boot_00_04d.hex
0369_app_00_08c.bin

Update to support Vision FCM with new ACM-FCM protocol. Other FCMs updated to keep in sync.

AXS Release 02.20 - Notes: 2019-4-11

Files (updated):

[axsb0117b.bin](#)
axs01025.img
0373_fpga_01_13.jed
0357_boot_08_07.mcs
0357_app_05_39a.elf
0368_fpga_06_02a.mcs
0368_app_05_41b.elf
0369_boot_00_04d.hex
0369_app_00_08c.bin

NOTES:

0371 Boot

- Fixes bug with ACM MAC address which affected network port connectivity

AXS Release 02.19 - Notes: 2019-2-05

Files (updated):

axsb0116a.bin
axs01025.img
0373_fpga_01_13.jed
0357_boot_08_07.mcs
0357_app_05_39a.elf
0368_fpga_06_02a.mcs
0368_app_05_41b.elf
0369_boot_00_04d.hex
[0369_app_00_08c.bin](#)

NOTES:

0369 App

- Improvements to fader calibration how it applies to stiction and drive current.

AXS Release 02.18 - Notes: 2018-12-09

Files (updated):

axsb0116a.bin
[axs01025.img](#)
0373_fpga_01_13.jed
0357_boot_08_07.mcs
0357_app_05_39a.elf
0368_fpga_06_02a.mcs
0368_app_05_41b.elf
0369_boot_00_04d.hex
0369_app_00_08b.bin

NOTES:

- HUI Transport and command buttons added to DAW page
- Improvements to DAW fader behavior.
- Altered the Pro Tools fader curve to match Pro Tools version 12.

AXS Release 02.17 - Notes: 2018-11-29

Files (updated):

axsb0116a.bin
axs01024.img
0373_fpga_01_13.jed
0357_boot_08_07.mcs
0357_app_05_39a.elf
0368_fpga_06_02a.mcs
0368_app_05_41b.elf
0369_boot_00_04d.hex
[0369_app_00_08b.bin](#)

NOTES:

- Fix a bug with the zero dB offset feature that was causing faders to sometimes report wrong values

AXS Release 02.16 - Notes: 2018-11-25

Files (updated):

[axsb0116a.bin](#)
[axs01024.img](#)
0373_fpga_01_13.jed
[0357_boot_08_07.mcs](#)
[0357_app_05_39a.elf](#)
0368_fpga_06_02a.mcs
[0368_app_05_41b.elf](#)
0369_boot_00_04d.hex
0369_app_00_08a.bin

NOTES:

- Restoring compatibility with REV-0/A and REV B ACMS
- Many cleanups and optimizations to both REV-0/A and REV-B

AXS Release 02.15 - Notes: 2018-10-28

Files (updated):

[axsb0114b.bin](#)
axs01023a.img
0373_fpga_01_13.jed
0368_fpga_06_02a.mcs
0368_app_05_41a.elf
0369_boot_00_04d.hex
0369_app_00_08a.bin

NOTES:

- Resolved the problem with flickering submodes that was present in the 1.13b bootloader.

AXS Release 02.14 - 10/21/2018

Files (updated):

[axsb0111b.bin](#)
[axs01023a.img](#)
0373_fpga_01_13.jed
0368_fpga_06_02a.mcs
[0368_app_05_41a.elf](#)
0369_boot_00_04d.hex
[0369_app_00_08a.bin](#)

NOTES:

- This was reverted to 1.11b for this release, due to problems with 1.13b
- New protected "Factory Mode" allows access to sensitive configuration items
- Fader 0dB offset feature

- New Fader configuration dialog
- Fixed the problem with MTC always showing in the TC window on boot, even if LTC was configured.
- Support for fader app programming from the ACM.
- Calibration data has changed, and faders will need to be recalibrated.

AXS Release 02.13 - Notes: 2018-10-09

Files (updated):

[axsb0113b.bin](#)
axs01022c.img
0373_fpga_01_13.jed
0368_fpga_06_02a.mcs
0368_app_05_40c.elf
0369_boot_00_04d.hex
0369_app_00_07j.bin

NOTES:

- WARNING: 0371-Boot 1.13b should not be used.
- 0373 firmware now auto updates if the 0373 has old or no firmware installed

AXS Release 02.12 - Notes: 2018-10-03

Files (updated):

[axsb0111b.bin](#)
[axs01022c.img](#)
0373_fpga_01_13.jed
0368_fpga_06_02a.mcs
0368_app_05_40c.elf
0369_boot_00_04d.hex
0369_app_00_07j.bin

NOTES:

- Fixed problem with faders jumping when exiting follow-me
- Fixed problem where changing the MIDI source did not take effect right away.

AXS Release 02.11 - Notes: 2018-10-03

Files (updated):

[axsb0111b.bin](#)
[axs01022b.img](#)
0373_fpga_01_13.jed
0368_fpga_06_02a.mcs
0368_app_05_40c.elf
0369_boot_00_04d.hex
[0369_app_00_07j.bin](#)

NOTES:

- Remove the option to create VCA-Style groups
- Corrected 1608-II and 2448 top of the fader to be +10dB

AXS Release 02.10 - Notes: 2018-09-30

Files (updated):

[axsb0111b.bin](#)
[axs01022a.img](#)
[0373_fpga_01_13.jed](#)
[0368_fpga_06_02a.mcs](#)
[0368_app_05_40c.elf](#)
[0369_boot_00_04d.hex](#)
[0369_app_00_07i.bin](#)

NOTES:

- Fetch and report 950-0373 FPGA version.
- Increase the wait time for faders to come online at boot.
- Fix blink synchronization

AXS Release 02.09 - Notes: 2018-09-26

Files (updated):

[axsb0110g.bin](#)
[axs01022a.img](#)
[0373_fpga_01_11.jed](#)
[0368_fpga_06_02a.mcs](#)
[0368_app_05_40b.elf](#)
[0369_boot_00_04a.hex](#)
[0369_app_00_07e.bin](#)

NOTES:

- Bug fix to timeout mechanism that ensures that fader data is sent a regular intervals

AXS Release 02.08 - Notes: 2018-09-25

Files (updated):

[axsb0110g.bin](#)
[axs01022a.img](#)
[0373_fpga_01_11.jed](#)
[0368_fpga_06_02a.mcs](#)
[0368_app_05_40a.elf](#)
[0369_boot_00_04a.hex](#)
[0369_app_00_07d.bin](#)

NOTES:

- 950-0373 Now able to report its firmware version.
- Fixed bug with center section channels showing up at the wrong position in the channel grid.
- Fixed bug with modes not always showing on center section channels.
- "Snapshot Take" dialog now only shows controls that are present on the configured console type.
- Now allowing multi-select for the snapshot list.
- "Project Open" dialog: now auto-populating the project file name.

- Fixed bug with the switch overwrite LED not turning off when the switch overwrite switch/LED is being used as a group master mute.

AXS Release 02.07 - Notes: 2018-09-10

Files (updated):

axsb0110g.bin
[axs01021f.img](#)
0373_fpga_01_09.jed
0357_boot_08_06.mcs
[0357_fpga_05_38b.elf](#)
0368_fpga_05_01a.mcs
[0368_app_05_39d.elf](#)
0369_boot_00_04a.hex
[0369_app_00_07b.bin](#)

NOTES:

- New multi-select feature for list boxes
- Mix-Delete now supports deleting multiple mix files.
- fixed bug with text overflowing columns in list boxes
- Improved touch threshold calibration
- Fader blink synchronization fixed.

AXS Release 02.06 - Notes: 2018-09-05

Files (updated):

axsb0110g.bin
axs01021d.img
0373_fpga_01_09.jed
0357_boot_08_06.mcs
0357_fpga_05_38a.elf
0368_fpga_05_01a.mcs
0368_app_05_39b.elf
[0369_boot_00_04a.hex](#)
[0369_app_00_07b.bin](#)

NOTES:

- This version of the boot loader is not compatible with earlier versions of the app.
- The switch overwrite LED now blinks red during programming mode if the application image failed the integrity test. It blinks green if the application is good, and you have intentionally entered programming mode.

AXS Release 02.05 - Notes: 2018-08-27

Files (updated):

axsb0110g.bin
axs01021d.img
0373_fpga_01_09.jed
0357_boot_08_06.mcs
0357_fpga_05_38a.elf

0368_fpga_05_01a.mcs
0368_app_05_39b.elf
0369_boot_00_03d.hex
0369_app_00_06e.bin

NOTES:

- First preserved release that has support for 950-0368 and 950-0369