

Adams-Smith 2600 A/V -- Version 4.20 Release Notes

[Preliminary notes for beta release 4.20b20.]

Software Installation Instructions

- (1) Power off the 2600 A/V if it is on.
- (2) Insert the Version 4.20 Disk #1 disk into the floppy disk drive and close the latch.
- (3) Power up the A/V. It will run through its memory test, and then begin reading from the floppy drive.
- (4) After a moment, a message that the installation has begun will appear.
- (5) When a message appears to insert Disk #2, remove Disk #1 from the drive, insert Disk #2 and close the latch, and press ENTER.
- (6) Repeat the above step for any additional disks.
- (7) When installation of the last disk is complete, remove the disk as instructed and press ENTER. The A/V will reboot from the hard disk, and should automatically start up the new program.

After reading the release notes, proceed to the Initialization Menu if any new parameters need to be entered for your installation. Also, check the release notes for screens that have changed the number of input fields -- if any of these screens were used in function keys, then the function key definitions will have to be modified.

A/V Version 4.20 New Features and Changes

- (1) In conjunction with synchronizer software level K.1, a major new feature of the A/V, called Super-Sync™, has been added. Super-Sync includes the functions of Vari-Lock™ for variable speed locking of machines, and Cross-Lock™ for the locking of machines with different frame rates. A separate document describes the operation of these functions. [Document not yet available.]
- (2) The A/V now supports the Adams-Smith Track Management Interface (TMI). In addition, some new track management functions have been added to the A/V software which are available even to installations without a TMI. A separate document describes the operation of the new features under the Track Menu. [Document not yet available.]
- (3) Data entry for feet and frames (film-style) code has been simplified. First, any machine that has been configured to display in feet and frames will default to enter timecodes as feet and frames. During timecode entry, the FEET/FRAMES key will now act as a toggle between FEET/FRAMES and HH:MM:SS:FF mode. If the FEET/FRAMES mode is active, the numbers will automatically shift to the left as new numbers are entered, with the last two numbers representing the frames and the other numbers representing the feet. Negative FEET/FRAME numbers are now supported for trim amounts. The number of film frames per second is now obtained from the frame rate of the machine, rather than as a parameter in the FEET/FRAME SETUP dialog.
- (4) All timecodes (except for preview/record advances) are now entered as HH:MM:SS:FF. In the past, some timecodes such as trim amounts and durations defaulted to frames, and only switched to HH:MM:SS:FF if a space or colon was entered. The system option for entering durations as timecodes has been removed.
- (5) The Eventide H3000B Ultra-Harmonizer® is now supported in conjunction with the Vari-Lock function. See the Super-Sync documentation for operational details.
- (6) IN and OUT times are no longer automatically computed for source machines. This change allows for easier adjustments of edit times based on the master's IN and OUT times.
- (7) The 2600 Synchronizer Constants Library has been updated to match the standard Adams-Smith machine numbering and constants values.
- (8) When reading in CMX edit decision lists, any machines that are currently clutched to the master will be added to the list.
- (9) A new system configuration parameter has been added to use the LTC Generator module for loops and replays.
- (10) On the A/V Trigger Assignment dialog, a new option has been added to operate the pulse on an ALLSTOP.
- (11) Status output type 1 has always been called "all locked (mute)", but in fact its use was as a mute during loops, replays, and edits whenever the machines were not all locked. This output has not changed, but is now simply called "Mute". A new status output type 4, called "All Locked", has been added which will turn on whenever all slaves are locked to the master, regardless of whether or not a loop, replay, or edit is in progress.

(12) A new feature has been added to the MIDI Menu to assign A/V keys to MIDI notes. Through this dialog, it is possible to set up a MIDI device such as a MIDI keyboard to control the non-menu A/V functions.

(13) It is now possible to trigger from the keyboard any of the eight A/V events that are configured as pulse outputs. Holding down the GROUP key and pressing numeric keypad keys 1-8 will fire the corresponding pulse. This operation can also be put into a function key definition.

(14) A bug that caused the Record Edit Active status output to come on during a preview edit has been fixed.

(15) An additional 20 function keys have been added. Holding down the RECORD key and pressing the F1-F10 keys will invoke functions F21-F30. Holding down both the RECORD and SHIFT keys and pressing the F1-F10 keys will invoke functions F31-F40. In the LEARN Menu, the additional function key names can be displayed by pressing ENTER for the Function Key field.

(16) Two new EDL sort sequences have been added. Sort by Track Number will sort the list by the record track in ascending sequence. If the record tracks for two events are the same, those events will then be sorted by Master-In time. Sort by Keyword will sort the list according to the first note line of an event.

(17) The following screens have either had fields added or removed, and any function keys that make use of them may need to be modified:

MACHINE ASSIGNMENTS PAGE 2 -- MACHINE PARAMETERS

SYSTEM CONFIGURATION (INIT MENU 1)

SYSTEM OPTIONS (INIT MENU 4)

FEET/FRAME SETUP MENU

A/V TRIGGER ASSIGNMENTS (GPI MENU 4)

MIDI MENU

SET MIDI OPERATING MODES (MIDI MENU 1)