

Solid State Logic

Ultimation Software Update

Version U2.00

Please read these instructions carefully before installing the software

The Version U2.00 Upgrade Kit (Part No. 720678E9) includes the following items:

- 1 U2.00 Program Disk P691U200
- 1 Set Installation Instructions 82S6N678 (this document)
- 1 Off-line Cuts Document 82S6MGOC

A new section has been prepared to replace the current Section 5 of your G Series Computer Operator's Manual. This new section (Part No. 82S6MGS5) covers the use of both Ultimation and G Series Mix Systems in depth, and is available on application, free of charge. If you do not possess a copy of the Operator's Manual, or would like to order extra copies, please contact your local SSL office or agent.

Customising the new Program Disk

Before you attempt to use the new software as supplied, it should be customised. There is a simple command to copy all your current Menu set options to the new Program disk, rather than re-doing them one by one.

This is a G Series feature only. Do not attempt to use previous E Series Program disks. The system will reject an E Series disk if you attempt to do this.

First, make a copy of the new Program disk with the **COPY ALL EX** command. Then, with the customised Ultimation Program disk that you are currently using (Version U1.41) loaded in the floppy drive labelled P, type:

COPY CUSTOM EX

The screen will display instructions to place the new (copy) Program disk in the drive labelled R. When this is ready, press **COPY** and the customising process will begin. When completed, remove the old Program disk from the drive labelled P. Remove the newly customised Program disk from the drive labelled R and place it in the drive labelled P. Load the new Program by pressing the Solid State Logic button on the disk drives.

Once the program has loaded, you should proceed to make several working copies with fresh disks, using the **COPY ALL EX** command, and then lock the copy master and original master in a safe place.

82S6N678

Software Version U2.00

This latest version of software features the introduction of Off-line Cut Editing along with further operational enhancements as detailed below. Use of Off-line Cut Editing is explained in the accompanying document (82S6N67x). To enable the Off-line cut system, you must turn on the Events option in the main system options setup menu (the 'SSL Setup Page'). See Section 1 of the G Series Computer Service Manual for details if you are unsure how to do this.

Mix Loading / Saving

In order to make the manipulation of cuts with the off-line cut commands as fast as possible, the format of the mix data in memory is now different from that which is stored on disk. Consequently, whenever a mix is loaded from disk or data cartridge, the mix is 'unpacked' into it's new format. For a very large mix this can take a noticeable amount of time. However, the system keeps a copy of this 'unpacked' mix so that, if you cancel the current update and start again, it no longer has to load and unpack the mix. When you **END** a mix it updates the unpacked copy to contain the newly saved mix. This saves the system from having to reload and unpack the new mix from disk.

With U1.41 software, the time taken to **END** a mix can be quite long if the system is at the front of the mix rather than at the end. This process has now been made substantially quicker.

Indication of Motor On/Off, Snap On/Off and Grouping

The "Grouping on" message has been replaced with 3 three-letter mnemonics which show the current Motor On/Off state, the current Snap state, and if there are any software groups active or not. "MTR" will be displayed if the motors are on; if they are off, nothing will be displayed. "SNP" indicates that Snap is on and "GRP" indicated that a software group is active.

Motors Off at the Head of a Mix.

The system now temporarily forces the motors off at the head of an update mix. This is to allow status changes to be made at the head of mix before the motor has re-positioned the fader back to the position that you didn't want it in! When **EXECUTE** is pressed, the system automatically turns the motors back on (if that is the current motor state). Note that the "MTR" flag always shows the commanded motor state.

Other Problems Corrected in this Version.

The following problems, which existed in U1.41, have been fixed. Note that problems which existed only in certain Beta test versions are not listed.

Mix System

The 'Insert Mixing' option is not loaded from disk at boot up but is loaded as soon as the Setup menu is entered.

Using successive track copies causes corruption of cut data.

Cuts in Trim or Play Cuts Only, Uncut/Cut incorrectly when **JOIN** is used.

Grouping

Cancelling out of playing a Total Recall setup causes grouped faders to jerk.

Grouped faders in Play Cuts Only which had been driven to their current positions but have not been touched since the motors were subsequently turned off, write an incorrect level to the mix until the fader is touched.

With grouped faders in Motors Off, signal is switched through the fader's audio track rather than the VCA if **SETUP** then 'N' is typed. Entering an update mix would clear the problem.

Total Recall

PLAY SETUP did not switch video until a channel was selected or AUTOSCAN run.

Machine Control

Some synchroniser controllers reset themselves especially after a **CANCEL**, **CANCEL** key sequence.

General

With some high tach rate tape machines, the system would momentarily go into 'fast' mode with the tape machine in play. This forced the motors off for a short time causing the faders to lurch.

