



Super-Analogue™ Outboard

V1.4/2 Software Update and Install Notes
Applicable to upgrades from V1.3/n or earlier

Check List

Please check that your have the following items:

- | | | |
|---|---|------------------|
| 1 | V1.4/2 Update Notes | (This document) |
| 1 | X-Rack V1.4/2 Software (<i>download from website</i>) | xrack_v1_4_2.jar |
| 1 | X-Rack Flash update (<i>download from website</i>) | xrack_flash.jar |
- Only required for updates from V1.0/n & V1.1/n*

***This document contains essential information – please read it carefully
before making any attempt to upgrade the X-Rack unit***

Solid State Logic

S O U N D | | V I S I O N

Begbroke, Oxford, England, OX5 1RU • +44 (0)1865 842300

320 West 46th Street, 2nd Floor, New York, NY 10036, USA • +1 (1) 212 315 1111
5757 Wilshire Blvd, Suite 401, Los Angeles, CA 90036, USA • +1 (1) 323 549 9090
3-55-14 Sendagaya, Shibuya-Ku, Tokyo 151-0051, Japan • +81 (0)3 5474 1144
7 bis, rue de la Victoire, le Blanc Mesnil, Paris 93150, France • +33 (0)1 48 67 84 85
Via Timavo 34, 20124 Milano, Italy • +39 (0)39 2328 094

Visit SSL at URL: <http://www.solid-state-logic.com>

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E&OE

Introduction

This document describes the changes incorporated in V1.4/2 software, and details the software installation procedure required to update your X-Rack unit to this latest release of software.

Note that this release is essential only for X-Rack units fitted with XR418 E Series Dynamics and XR425 E Series EQ modules and adds additional features and bug fixes specifically for the XR622 Master module. Clients without these modules need not carry out this update.

Operational changes are detailed in the Owners Manual which should have been included with your modules. The latest version can be downloaded from the SSL website (www.solid-state-logic.com).

The X-Rack V1.4/2 software is substantially larger than V1.0 and V1.1 and for updates from these versions an update to the software installer to be carried out prior to updating. This means that two updates must be carried out – one using the `xrack_flash.jar` file and a second using `xrack_v1_3_1.jar`. Note that if you are upgrading from V1.2/0 or later you only need to carry out the second stage as the flash software will already have been updated. See over leaf for details.

If you have any questions about this release, please contact your local SSL office or distributor.

New Features – V1.4/2

This release adds the following new features:

- Support for XR418 E Series Dynamics and XR425 E Series EQ modules.
- The right hand decimal point in the seven segment display now lights when a valid MIDI message has been received – previously the display changed to read ‘.E’, which made using Total Recall a bit tricky.

Bug Fixes – V1.3/1 to V1.4/2

- The default MIDI controller assignments for the XR622 Master module once again match the documentation (they were previously displaced by 1, losing ‘Mix’ in the process).
- The XR622 Master module controller assignments are now correctly stored after being reset to default.
- The current control settings on the XR622 Master module are retained until a corresponding MIDI controller message is received (previously the first valid MIDI message for any control reset all the ‘soft’ controls).
- The XR622 Master module now supports MIDI running status. Previous versions did not respond correctly to MIDI controllers that used MIDI running status, which resulted in some messages being ignored. The main symptom of this was stepping in the monitor and AFL level controls.

Software Download and Installation

Software to upgrade your X-Rack unit should be downloaded from the SSL website (www.solid-state-logic.com/support/XLogic/downloads.asp).

The X-Rack software is packaged as a 50kB (approximately) java archive (`xrack_v1_4_2.jar`), the format of which is compatible with both PC and Macintosh (PowerPC and Intel but OS X only) platforms. *Some users may need to install additional files on their computer before continuing – see **System Requirements** below.*

System Requirements

PC users should ensure that they have the latest version of Java installed. This can be downloaded from www.java.com. There is a link to this address on the download page.

To enable Java to access external MIDI devices, Mac OS X users may need to download and install either 'Plumstone' (PowerPC) or 'MandolaneMIDI' (Intel) from www.mandolane.co.uk. Drag this file into the '/Library/Java/Extensions' folder then restart the Macintosh before running the upgrade utility.

Software Update

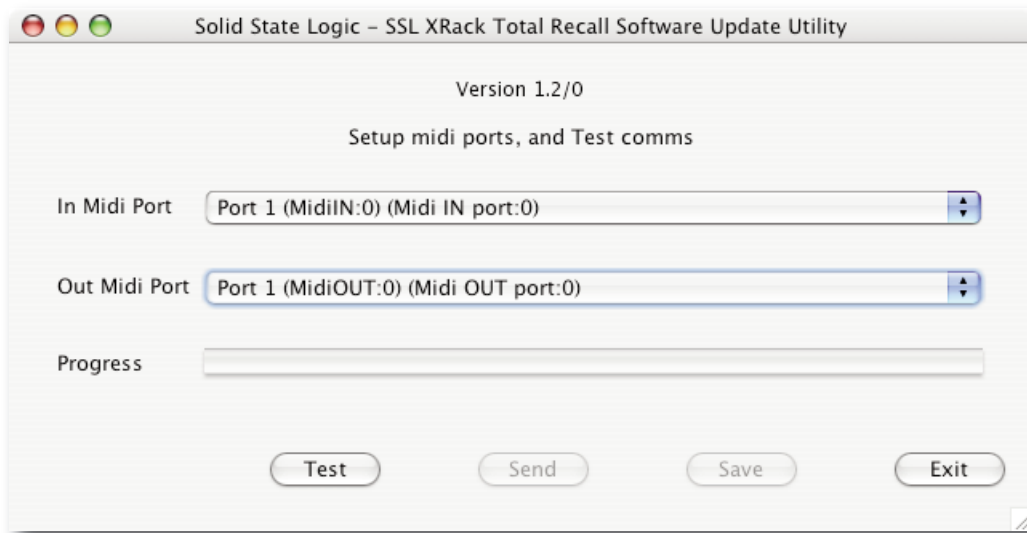
Once the software package has been downloaded, it will need to be moved onto a Mac or PC that is connected to the X-Rack via MIDI after which you will be ready to install the new software. The following steps detail this process:

1. Ensure that the X-Rack is turned on and connected to a MIDI port on your PC/Mac.
2. Enter Setup mode and turn the D-Pot until the display shows 'FL' ('Flash'). Press the D-Pot and the display should change to read 'tE' ('Test').

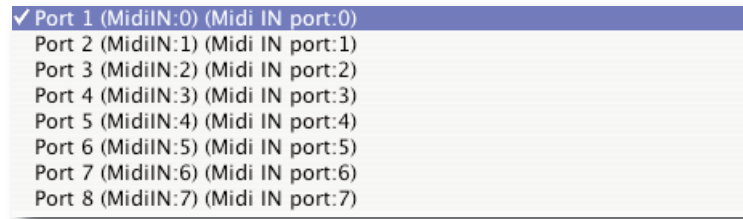


To exit from this mode without updating software turn the unit off and on.

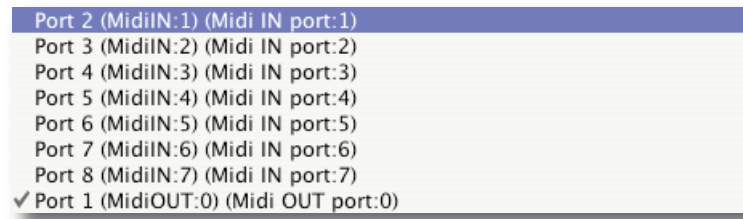
3. Close all current applications on your PC/Mac.
4. If upgrading from V1.0/0 or V1.1/0 double click on the `xrack_flash.jar` file. If upgrading from V1.2/0 or later, double click on the `xrack_v1_4_2.jar` file. You should see the SSL X-Rack Software Update window appear:



- Go to the In MIDI Port menu. Select the MIDI IN port which is connected to your X-Rack from the drop down list. In the example shown below this was 'port 1' on an 8-Port interface. If nothing appears in the list check that you have installed the files listed in the **System Requirements** section opposite.

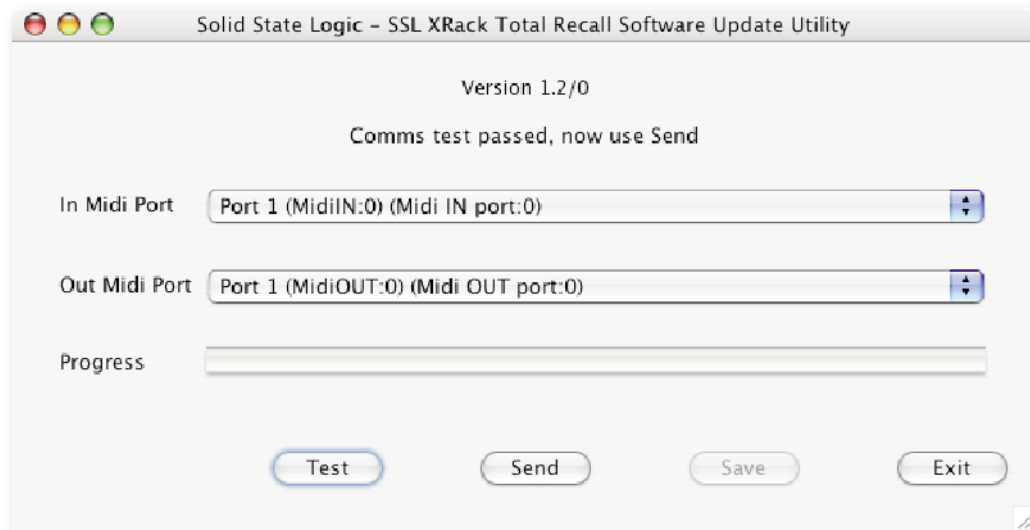


- Go to the Out MIDI Port menu. Select the MIDI OUT port which is connected to your X-Rack:



Note that a PowerPC Macintosh (ie. using Plumstone Server) will show all MIDI Inputs at the top of the list, MIDI Outputs at the bottom. You must scroll to the middle of the list to see the MIDI Out ports.

- Click on the **Test** button. This transmits a packet of data to the X-Rack which should return an acknowledgment to the computer. If the test was successful the message '**Comms test passed, now use send**' will be displayed and the display on the X-Rack should change to read 'SE'.



If the test fails check that the correct MIDI port has been selected and that the X-Rack is in software download mode, then repeat the test.

- Once you have established a valid connection click on the **Send** button. The new code will now be transferred to memory on the X-Rack. This process will take approximately 20 seconds. A progress bar and transfer counter will be displayed on screen to enable you to observe the transfer progress and the X-Rack displays will show a rotating segment.

Note. During this time it is important that power to the X-Rack is not interrupted.

9. Once the software has been saved the X-Rack will re-boot. If you ran the `xrack_v1_4_2.jar` updater go to step 10. If you ran the `xrack_flash.jar` updater the X-Rack will automatically switch to programming mode. Double click on the `xrack_v1_4_2.jar` file and repeat steps 5 through 8.
10. Once the V1.4/2 software has been saved a message will appear '**Software update completed**' and the X-Rack will re-boot using the new software. Click on '**Exit**' to close the Update Utility.

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