Solid State Logic
SOUND || VISION

XLogic
SUPERANALOGUE
X-RACK

Super-Analogue™ Outboard

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

Check List

Please check that your have the following items:

1 V1.4/3 Update Notes (This document)
1 X-Rack V1.4/3 Software (*download from website*)   xrack_V1_4_3.jar
1 X-Rack Flash update (*download from website*)   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

82S6XRQ20I

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

Introduction

This document describes the changes incorporated in V1.4/3 software, and details the software installation procedure required to update your X-Rack unit to this latest release of software.

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 V1.4/3 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_4_3.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 – V1.4/3

This is a maintenance release and does not include new features.

Bug Fixes – V1.4/2 to V1.4/3

This realease fixes an issue with MIDI Sys Ex Load not exiting back to Setup menu. This cause the rack test procedure to fail, but caused no other problem.

Software Download and Installation

Software to upgrade your X-Rack unit should be downloaded from the SSL website (www.solid-statelogic.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.
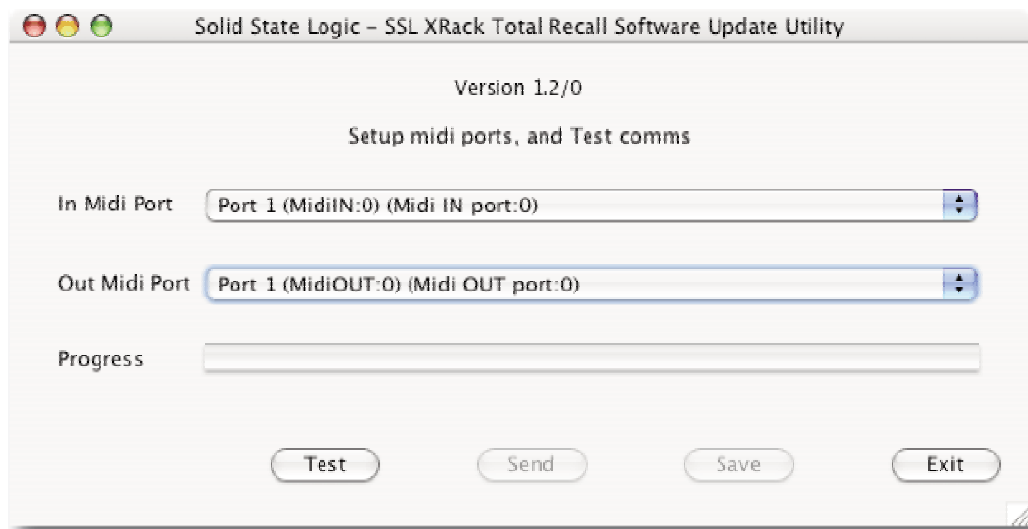
Software Update

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').
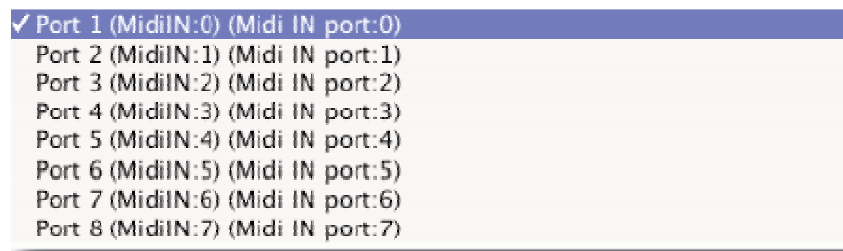Press the D-Pot and the display should change to read 'tE' ('Test').

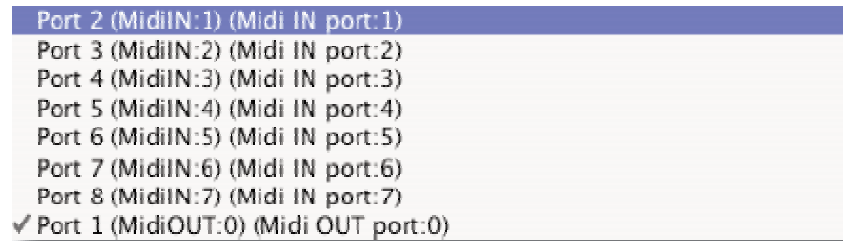To exit from this mode without updating software turn the unit off and on.

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_3.jar` file. You should see the SSL X-Rack Software Update window appear:

5. 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.
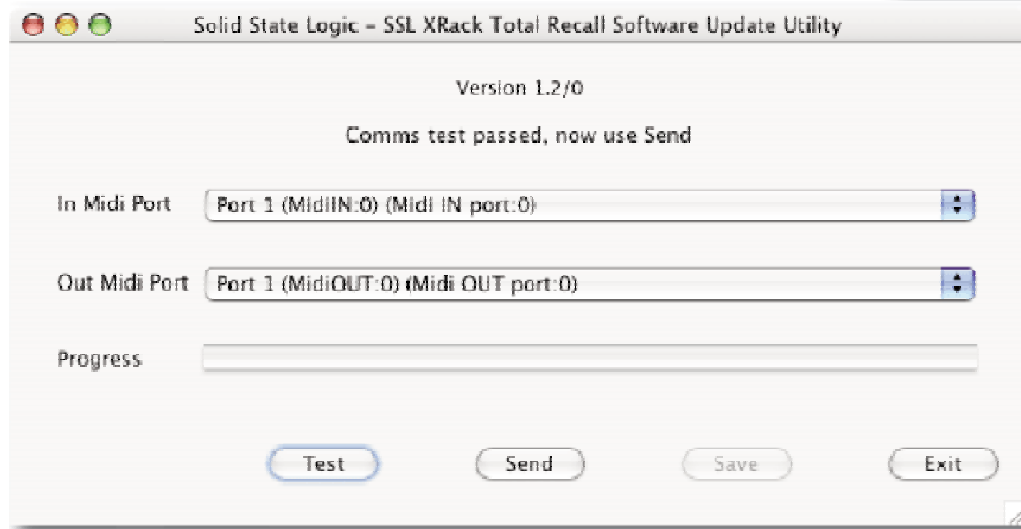
6. Go to the Out MIDI Port menu. Select the MIDI OUT port which is connected to your X-Rack:

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.

7. 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'.

8. 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_3.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_3.jar` file and repeat steps 5 through 8.

10. Once the V1.4/3 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.

Software Licence Agreement

Solid State Logic ('SSL') is willing to license this X-Rack software and accompanying documentation for this product (the 'Software') to the customer (the entity that purchased the product and software) on the condition that you read and accept all of the terms in this agreement. Please read the terms below carefully. By continuing to install the software and using the enclosed information to license the software you acknowledge that you have read and understood the agreement and agree to be bound by its terms and conditions. If you do not agree to these terms then do not open this package, discontinue the installation process and contact your local SSL representative for advice.

Licence

SSL hereby grants you a non-exclusive Licence to install and use the Software in machine-readable form on a single X-Rack. You may copy the software only for backup purposes, provided that you reproduce all copyright and other proprietary notices that are on the original copy of the Software.

Restrictions

SSL retains the right, title and interest in and to the Software, and any rights not granted to you herein are reserved by SSL. You may not reverse engineer, disassemble, decompile, or translate the Software, or otherwise attempt to derive the source code for the Software, except to the extent allowed under applicable law. If applicable law permits such activities, any information so discovered must be promptly disclosed to SSL and shall be deemed to be the confidential proprietary information of SSL. Any attempt to transfer any of the rights, duties or obligations hereunder is void. You may not rent, lease, loan or resell for profit the Software, or any part thereof. You may not reproduce, distribute or create derivative works of the Software.

Limitation of Liability

In no event will SSL or it's suppliers be liable for profits or other consequential, incidental or special damages however arising, including negligence, in connection with the software or this agreement, even if SSL has been advised of the possibility of such damages. In no event will SSL's liability in connection with the Software, regardless of the form of action, exceed £100.

Indemnity

You agree to defend and indemnify SSL against all claims, losses, liabilities, damages costs and expenses, including legal fees, which SSLmay incur in connection with your breach of this Agreement.

General

The Software is a commercial item. This Agreement is governed and interpreted in accordance with the laws of the United Kingdom.