Solid State Logic
SOUND || VISION

XLogic
SUPERANALOGUE
X-RACK

Super-Analogue™ Outboard

V1.3/1 Software Update and Install Notes
Applicable to upgrades from V1.2/n, V1.1/n or V1.0/n

Check List

Please check that your have the following items:

1 V1.3/1 Update Notes   (This document)
1 X-Rack V1.3/1 Software (*download from website*) xrack_v1_3_1.jar
1 X-Rack Flash update (*download from website)* xrack_flash.jar
    Only required for updates from V1.0/n & V1.1/n

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

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As research and development is a continual process, Solid State Logic reserves the right
to change the features and specifications described herein without notice or obligation

E&OE

Introduction

This document describes the changes incorporated in V1.3/1 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 XR-626 Stereo Compressor and XR-627 VHD Mic Amp modules and adds an additional feature specifically for the XR-623 Line Return 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/resources/manuals/manuals.html).

The X-Rack V1.3/1 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 – V1.3/1

This release adds the following new features:

- For X-Rack units equipped with XR-623 line inputs modules, these modules now have an additional Record/Mix mode. Previously, the REC switches for each individual input toggled the output between the Mix (switch released) and Record (switch pressed) busses. This mode of operation is now termed 'Alternate' and a secondary mode ('Sum') has been provided where the Mix bus is permanently fed by each input with the REC switch routing signal to the Record bus only when pressed.

    Selecting between these two modes is done through the X-Rack Setup menu, where an additional setup item called '⌐ō' (Record/Mix) will be found. This option should be set to *Sū* for 'Sum' mode or *Āʟ* for 'Alternate'.

Bug Fixes – V1.2/4 to V1.3/1

- None

Software Download and Installation

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

The X-Rack software is packaged as a 50kB (approximately) java archive (xrack_v1_3_1.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.
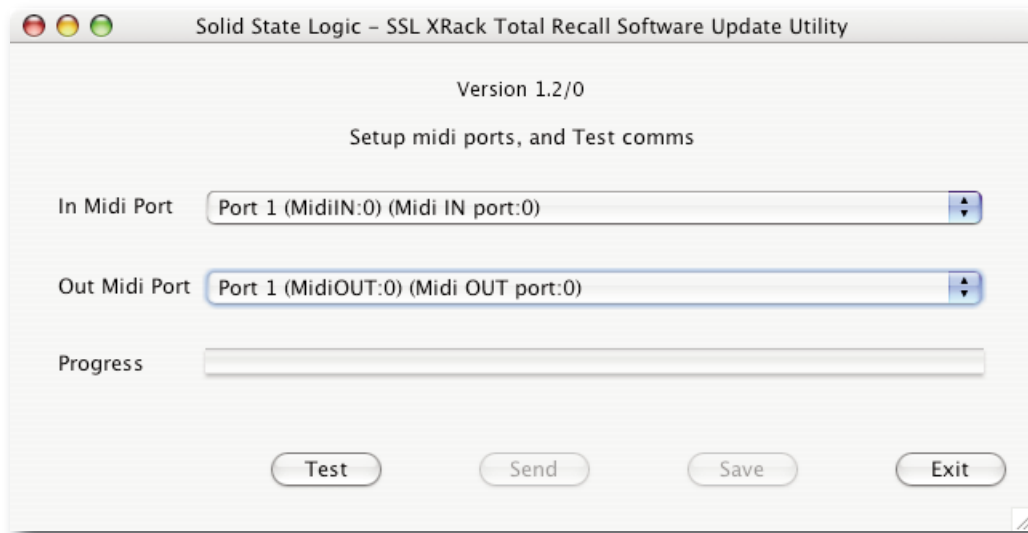
Software Update

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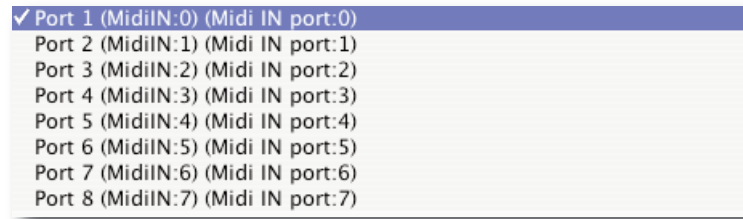   Press the D-Pot and the display should change to read '*tE*' ('Test').

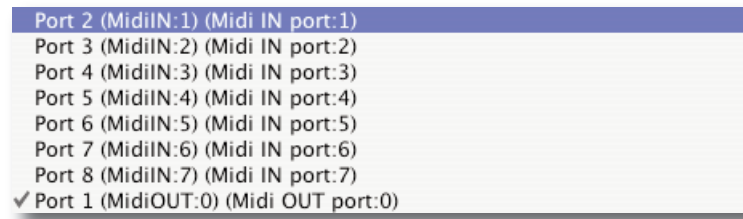   To exit from this mode without updating software turn the unit off and on.

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_3_1.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.
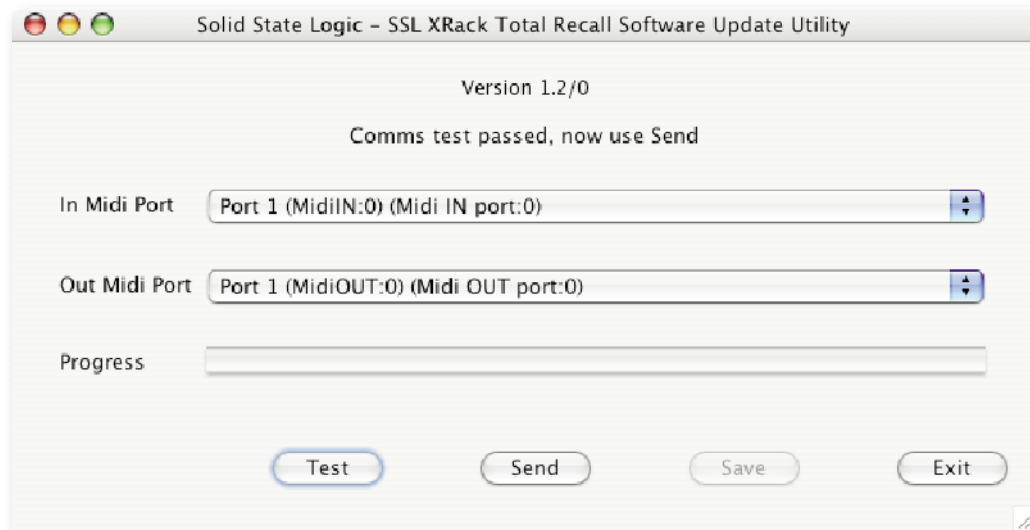

6. Go to the Out MIDI Port menu. Select the MIDI OUT port which is connected to your X-Rack:

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 '5.E'.

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.

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_3_1.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_3_1.jar` file and repeat steps 5 through 8.

10. Once the V1.3/1 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 License 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.

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