

8937/8937D

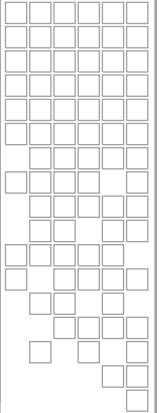
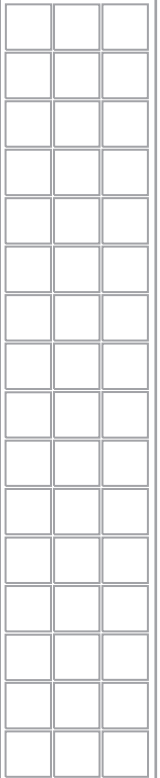
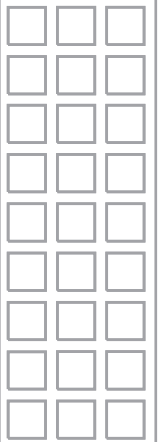
SDI/ASI RECLOCKING EQ SNMP DA MODULES

Release Notes



SOFTWARE VERSION 1.1.0

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Contacting Grass Valley

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Grass Valley Web Site

The www.thomsongrassvalley.com web site offers the following:

Online User Documentation — Current versions of product catalogs, brochures, data sheets, ordering guides, planning guides, manuals, and release notes in .pdf format can be downloaded.

FAQ Database — Solutions to problems and troubleshooting efforts can be found by searching our Frequently Asked Questions (FAQ) database.

Software Downloads — Download software updates, drivers, and patches.



END-OF-LIFE PRODUCT RECYCLING NOTICE

Grass Valley's innovation and excellence in product design also extends to the programs we've established to manage the recycling of our products. Grass Valley has developed a comprehensive end-of-life product take back program for recycle or disposal of end-of-life products. Our program meets the requirements of the European Union's WEEE Directive, the United States Environmental Protection Agency, and U.S. state and local agencies.

Grass Valley's end-of-life product take back program assures proper disposal by use of Best Available Technology. This program accepts any Grass Valley branded equipment. Upon request, a Certificate of Recycling or a Certificate of Destruction, depending on the ultimate disposition of the product, can be sent to the requester.

Grass Valley will be responsible for all costs associated with recycling and disposal, including freight. However, you are responsible for the removal of the equipment from your facility and packing the equipment to make it ready for pickup.



For further information on the Grass Valley product take back system please contact Grass Valley at + 800 80 80 20 20 or +33 1 48 25 20 20 from most other countries. In the U.S. and Canada please call 800-547-8949 or 530-478-4148, and ask to be connected to the EH&S Department. Additional information concerning the program can be found at: www.thomsongrassvalley.com/environment



8937/8937D Release Notes

Introduction

This document provides information on the latest release of the software for use with the 8937 and 8937D modules. This release updates the module from software version 1.0.2 to 1.1.0.

These release notes cover two aspects of the release:

- [Version 1.1.0 Software Release Overview on page 3](#), and
- [Updating Software on page 6](#).

Version 1.1.0 Software Release Overview

This software release implements independent SNMP Module Specific Traps for the dual video inputs (DA 1 and DA 2) on the 8937D. It may also be used to update the 8937 module but the dual functionality is not needed on the 8937 single DA. Other LED status reporting has also been updated.

The new **Report Loss of Signal** controls for DA 1 and DA 2 on the 8937D web pages are explained in these release notes. Other important information on the LED status and SNMP operation of this new software is described in greater detail in the *8937/8937-D v1.1.0 Instruction Manual* posted in PDF format at this location:

www.thomsongrassvalley.com/docs/modular

Please use the updated instruction manual for operation after you have updated the software.

The Standard Selections page for the 8937D ([Figure 2 on page 7](#)) now provides separate controls for DA 1 and DA 2 signal loss reporting and standard selection.

Note Each DA has a separate Report Loss of Signal control. On the Status web page, input signal status reporting is collective, while, SNMP reporting is separate.

Click the **Apply** button to enter all values.

For DA 1:

- Set Report Loss of Sig 1 as **Yes** or **No**. See Note above.
- Set the Mode 1 control for DA 1 to **Auto** (input bit rate standard detected by module), **Manual** (input bit rate standard selected manually), or **Bypass** (input bypasses reclocking circuitry).
- The Input Signal 1 field will report the status of the DA 1 input signal.
- When **Auto** mode is selected, the bit rate currently detected by the module will be displayed in the Current Bit Rate 1 field as shown in the example in [Figure 2 on page 7](#).
- When **Bypass** mode is selected, **Bypass** will be displayed in the Current Bit Rate 1 field.
- When **Manual** mode is selected, a Standard Selection 1 pull-down will appear similar to the 8937 DA 1. Select the bit rate from the Standard Selection 1 pull-down (**143 Mb**, **177 Mb**, **270 Mb**, or **360 Mb**) as desired. The currently selected manual rate will be shown next to the pull-down.

For DA 2:

- Set Report Loss of Sig 2 as **Yes** or **No**. See Note above.
- Set the Mode 2 control for DA 2 to **Auto** (input bit rate standard detected by module), **Manual** (input bit rate standard selected manually), or **Bypass** (input bypasses reclocking circuitry).
- The Input Signal 2 field will report the status of the DA 2 input signal.
- When **Auto** mode is selected, the bit rate currently detected by the module will be displayed in the Current Bit Rate 2 field.
- When **Bypass** mode is selected, **Bypass** will be displayed in the Current Bit Rate 1 field as shown in the example in DA 2 in [Figure 1 on page 5](#).
- When **Manual** mode is selected, a Standard Selection 2 pull-down will appear. Select the bit rate from the Standard Selection 2 pull-down (**143 Mb**, **177 Mb**, **270 Mb**, or **360 Mb**) as desired. The currently selected manual rate will be shown next to the pull-down.

Note In Manual mode, if the input signal does not match the selected standard, **Signal Not Present** will be reported in the Input Signal 2 description.

Figure 1. 8937D Standard Selection Web Page

 **Standard Selections** 

Model: [8937D](#) Description: [SDI/ASI Reclk EQ SNMP DA](#)
Frame Location: [Modular Lab](#), Slot: [2](#)

New independent
Report Loss of
Signal controls

selection current setting
Report Loss of Sig 1: [Yes](#)

Input Signal 1: [Signal Present](#)

selection current setting
Mode 1: [Auto](#)

Current Bit Rate 1: [270 Mb](#)

selection current setting
Report Loss of Sig 2: [Yes](#)

Input Signal 2: [Signal Present](#)

selection current setting
Mode 2: [Bypass](#)

Current Bit Rate 2: [Bypass](#)

Updating Software

The new software for this module must be downloaded to the module circuit board using a special cable assembly and PC application that comes as part of an assembly kit (order number 8900-FLOAD-CBL).

The 8900-FLOAD-CBL assembly consists of a small circuit board and serial and ribbon cables that connect between a serial port on a PC and the ISP PORT connector on an 8900 or 2000 module. A CD with the software loading application (ModLoad) is also included. The software upgrade requires downloading files from a PC to the module through the cable assembly.

If you do not have the 8900-FLOAD-CBL assembly kit, you will need to order it from Grass Valley Customer Service. To locate your nearest service center, refer to [Contacting Grass Valley on page 2](#).

Acquiring Software

First install the ModLoad application as described in the *8900-FLOAD-CBL Software Update Instructions Manual* included on the CD.

The version 1.1.0 8937/-D software is not included on the CD and can be acquired from the Grass Valley Customer Service FTP site at this location:

<ftp.thomsongrassvalley.com/modular/8900/8937/>

In the v1.1.0 8937 directory on the FTP site, copy the following files to your PC into the ModLoad application directory:

- 8937_1.1.0.lcm
- 080839102.hex

Updating Software

The 8937/-D module circuit board illustration is not included in the 8900-FLOAD CBL manual and is shown in [Figure 2 on page 7](#).

Connect the ribbon cable to the ISP PORT at J4 as described in the 8900-FLOAD CBL manual and continue to use the manual instructions to finish the software update.

Figure 2. 8937 and 8937D ISP PORT and MONITOR J2

