

INDIGO

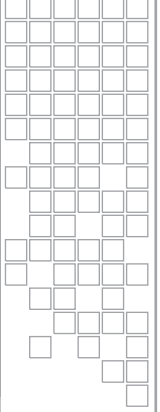
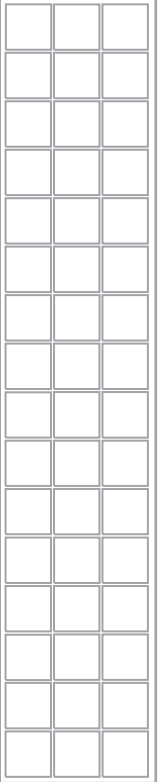
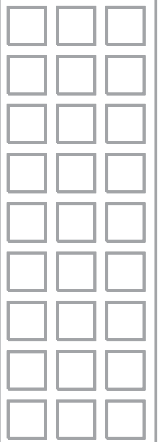
AV Mixer

Release Notes



SOFTWARE VERSION 1.2.19

000 219 419 910
09. July 2008



Contacting Grass Valley

On the www.thomsongrassvalley.com web site you get further information Thomson/Grass Valley and our products.

For Sales and Service, please contact your local dealer.

To find the account representative, dealer, or distributor nearest you, go to www.thomsongrassvalley.com/indigo

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This product may be covered by one or more U.S. and foreign patents.

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 — Software updates, drivers, and patches can be downloaded.



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



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Version **1.2.19**

09. July 2008

Indigo Release Notes

Introduction

This document includes notes for software installation, new features and changes, and other information specific to INDIGO Release 1.2.19 software.

Note Please read this Release Notes before updating the software!

New Features and Changes

- Extended range for Audio Input Delay
- Touch screen control improved
- Bug fixing

Solved Restrictions in Software Version 1.2.19

Area	Solved Restrictions	ID
Setup	HiRes Input 2 can not be selected in SD-Flat Mode	91569
Setup	Fixed tally for SD & HR Flatten modes	

Known Restrictions in Software Version 1.2.19

Area	Known Problem	ID
Acappella	No Tally support	
Acappella	No Audio support	
Acappella	The integration of an Acappella router works only if both HD serial inputs are connected to the router outputs. VGA and DVI inputs cannot be used in parallel.	
Acappella	To avoid re-synchronizing of the Indigo's integrated scaler it is strictly recommended to connect a line or frame synchronizer between router output and Indigo's HD-SDI input.	
Acappella	If the router output cannot be synchronized after switching to a non-sync source, the internal scalers of the Indigo needs to be reset by temporary changing the HiRes input source, e.g. from HD-SDI to VGA or DVI.	
Acappella	Transitioning Acappella sources faster than two seconds apart will result in transition command being skipped.	
Keyer	In PiP mode if Transform is enabled and picture is rotated then edges becomes jagged. To make edges more soft go to the Crop/Border menu and add crop softness.	
Keyer	Border menu of HiRes Keyer is only available when keyer is set to PIP mode and Transform is enabled.	80276
Media Player	Preroll is only activated when source is selected on PST bus and auto/cut transition is executed	79938
Scaler	Downscaler doesn't work for 75Hz standards	
Setup	SD-Flattened operation mode: Hi-Res program and preview outputs shows upscaled SD program (because of the hardware restrictions).	
Setup	HR-Flattened operation mode: 1. Downscaled Hi-Res program and preview are routed to the AUX1 and AUX2 (because of the hardware restrictions). 2. If SD sources are selected on program and preview bus then preview shows same source as program (because of the hardware restrictions).	
Setup	Audio: Embedding/deembedding is not implemented for DV.	
Setup	Video/Output: If Ext. Lock is enabled and H & V are adjusted with some H & V phases combinations, transformed PiP or key could be damaged. Adjusting the H & V phases of the external genlock during set up may cause a transformed key to no longer produce the expected image. Work around - reboot. After adjusting phases will bring key back to normal state.	74347
USB	Because of the many different types offered worldwide sometimes a USB Flash Drive is not detected. Disconnecting and reconnecting the USB Flash Drive may solve this problem.	75759

User Manual and Quick Start Guide

The latest versions of User Manual and Quick Start Guide can be downloaded from our web site

<http://www.thomsongrassvalley.com/docs/>

New Features and Changes

Extended Audio Input Delay

In order to reach lip-sync with DV video input from a PC/Mac the adjusting range of the audio input delay is extended to 1 second per each channel.

Touch Screen Control Improved

The touch control is improved. Wrong touches are filtered out, so that unintended switching of first and second level menus is not possible anymore.

Note It is recommended to adjust touchscreen after updating the software (pressing all four digipots below the screen simultaneously).

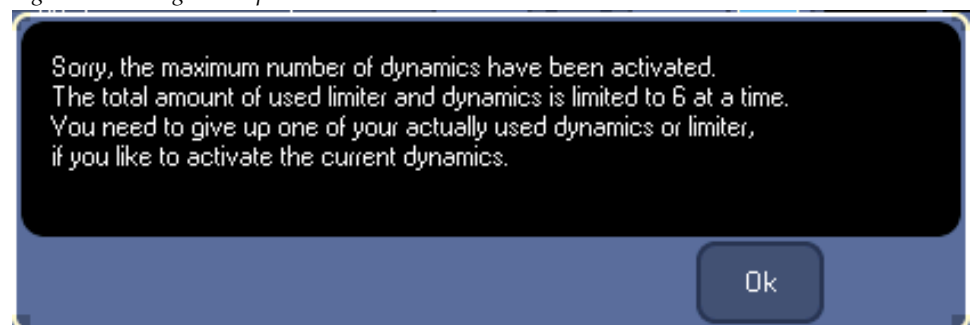
Hints for Audio Dynamics and Limiter

Please note the following limitations:

- The total used number of dynamics and limiter channels available at the same time is limited to six.
- The side chain inputs are limited to four at a time.

An error message appears if more dynamics or limiter are activated.

Figure 1. Message Example



Indigo Software Upgrade

The software of your INDIGO AV Mixer resides on a Compact Flash (CF) card. The CF card is installed in the slot under the lid found on the right side of the INDIGO.

Needed Parts

1. PC with Compact Flash card reader.
2. CF card with min. 128MB capacity which is formatted for FAT file system.

The CF card of your INDIGO can be overwritten, but you may want to keep the old software.

Procedure

1. Download Indigo software

http://gvg.custhelp.com/cgi-bin/gvg.cfg/php/enduser/std_adp.php?p_faqid=1268

2. Save the settings of your INDIGO (Optional).
 - Insert a USB flash memory in one of the USB connectors
 - Go to the **Load/Save** menu
 - Select **Save** and give the saved data a meaningful name
 - Wait until the save is completed
 - Remove the USB flash memory
3. Turn off your INDIGO.
Open the lid on the right side and extract the CF card (or have another FAT format CF card ready).
4. Insert the CF card into the CF reader of the PC
5. On the PC, open the downloaded self-extracting .EXE file. It will automatically run the Software installation tool Indigo CD.

Figure 2. Setup Audio Output



6. Select **Install new Indigo Software on Indigo device** to copy the new software onto the CF card.
7. Wait until the copy process is completed. Then remove the CF card.
8. While your INDIGO is still turned off, insert the CF card containing the new software into the slot on the upper side of the printed circuit board.
9. Close the slot.
10. Turn on the INDIGO AV Mixer
11. Perform a Audio Fader calibration. For details refer to your User Manual.
12. Restore the settings if your INDIGO (Optional).
 - Insert the USB flash memory with the saved data in one of the USB connectors
 - Go to the **Load/Save** menu
 - Select the saved data from the list and press **Load**
 - Wait until the load is completed
 - Remove the USB flash memory
13. Update the HiRes board. Refer to [HiRes Board Update](#) on page 11
14. Start working with the new software.

More Information

Please refer to the INDIGO AV Mixer User Manual (section 10/ Maintenance) for more information.

Contacting Grass Valley Customer Service

Contact Grass Valley Customer Service if you have questions or encounter any problems:

- North America: 1-800-547-8949 or 1-530-478-4148
- ERoW Call Center: +800 80 80 20 20
Accessible from the following countries: Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.
- +33 1 48 25 20 20 for all other countries outside North America.
- E-mail: gv.indigo.support@thomson.net

HiRes Board Update

When updating from software earlier than version 1.2.19, an update for the HiRes option card is required as an additional step after upgrading the Indigo Software using CF Card.

This update provides a greater list of supported graphics standards to the PC connected via VGA/DVI. Not doing this update step does not cause harm to the unit. It can be done at any time.

Upgrade Procedure

Connect 2 DVI cables from the Indigo DVI outputs to the Indigo DVI inputs and power up the unit. As soon as the Indigo Menu appears the update process is finished. This will take few minutes.

Optionally this can be done using only 1 DVI cable and 2 power ups.

