
Release Notes

NOVA 2.2

Version: 2.2.1

December the 12th, 2011

This document applies to the product

- Eclipse / Eclipse GT

It gives you an overview about the improvements of version 2.2.1.

Dear customer,

It is with great pleasure and confidence that we embark on our new adventure together as part of the LAWO group.

2011 has been a major year for INNOVASON, major in terms of evolution and major in terms of the events in which we have successfully participated throughout the year.

All of these events have created a lot of communication and feedback between our users - we mean you - and us. Nova 2.2.1 is a result of this dialogue. We have listened to your requirements concerning the control of the digital microphones, providing a multiband compressor in the FM-8VB card, etc... As usual, we went a step further. The C4 plug-in from VB Audio is a 4-band multiband compressor **AND** limiter using some excellent F.I.R filters.



Classical open air of Berlin – summer 2011



Classical open air of Berlin – summer 2011



Jazz festival of Shanghai – September 2011



Archive tour with Spike Jones, F.OH engineer – 2011

New Fixes

I - Additional improvements included in Nova, version 2.2.1

1) Several bug fixes

NOVA 2.2 fixes diverse problems discovered on features like :

- ✓ Copy and Paste related to SmartFad channels.
- ✓ Management of communication with DMI-8 devices thanks to a hard work of the Neumann R&D department.
- ✓ Selection of multichannel for the Overram, Copy and Link functions. Now the selection is coherent.
- ✓ M.A.R.S in a frozen status, thanks to an excellent collaboration with Digigram providing a new firmware for the EtherSound audio card of the M.A.R.S.
- ✓ Stereo balance of left and right visualization from the main mix windows (without editing the stereo separation).
- ✓ Etc...

2) Improved digital microphone GUI with Hold function

Remote control of all parameters supported by the Neumann DMI-8 digital microphone interface. This allows the user to control functions such as input gain, directivity pattern, low cut filter frequency, mute, phase reverse, compressor/limiter settings and mic identification LEDs from the Eclipse console. In addition, each pair of inputs may be configured for stereo operation, with options to select XY or MS decoding, and make panning offsets.



Now you have the possibility to determine the default DMI-8 parameters yourself by editing a simple .txt file. This is a huge timesaver when you have to manage up to 56 digital microphones, as we did for some classical opera shows or during the Archive tour.

3) GPIO Control

From Version 2.2 software onwards, the 8 GPOs within Digigram's Aqonda or Innovason's SR-16 can be assigned to a fader start on the console. In addition, the status of the 8 GPIs within each unit is indicated on the device's control GUI.



4) C4 Multiband Compressor

In Version 2.2 software, the FM8-VB internal effects card supports a new VB Audio plug-in: the C4 multiband compressor.

The compressor may operate in mono or stereo mode, and supports 4 independent frequency bands each with compressor, limiter and gain control.



5) Clearer Pre/Post PAN Display

If you adjust panning from a fader strip rotary control while viewing the PRE/POST assignment and PAN Overview windows, the panning INFO window, showing the individual adjustment, is disabled. This makes it easier to view and adjust pre/post fader assignments.

6) Crossfade Parameters on Main Mix Display

The Speed Factor and Crossfade Time now appear at the top of the Main Mix display. (In previous releases, these parameters were only visible from the MTC/Xfade pop-up window.)



7) Increased Digital Trim for Inputs

The digital trim for input channels may now be adjusted from -30dB to +30dB. (In previous releases, the digital trim was limited to +/-16dB.)

8) Motorized faders improvements

The action, speed and precision of the faders have been significantly improved when reacting to commands from Nova. A detector of "tired" or "bad" faders graphically informs the user and automatically declares the fader in a 3rd state status, allowing the audio to be correctly updated by the different recalls and ignoring the fader position.

II – Important note about the Upgrade

It is **mandatory to install the set of 5.01** version eproms on the sensplit card of the console before installing Nova 2.2. Otherwise, the faders will no longer work. Please go to the PCB (Personal Console Builder) screen of your console and note the Desk Version information.

If it is not our latest version, **5.0.1**, please contact our Service Department as soon as possible in order to obtain the necessary eproms and instructions to change them.

Contacting the Service Department

If you feel that you need to update your system please contact our service department for clarification of whether this is advisable or necessary. The staff will coordinate all necessary steps with you. Telephone support can be given during office hours (Mon – Fri 9:00 – 17:00 hrs CET) after a date has been arranged. If you need further support please contact also our service department.

- Please write an e-mail to: service@innovason.com / Tel.: +49 7222 1001 4160 or +49 7222 1001 4900

Your e-mail should include the following information:

- Name and phone number of the contact person as well as the time when this person is available
- Number and type of the system(s)
- Current software

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