Release Notes for Eclipse V4.01

Version 4.01 Release Notes

This is a full release with a large number of new presets as well as a number of bug fixes and improvements. Updated versions of the User, Presets and Algorithms Manuals are included.

Since the installation of new software can cause unanticipated problems, it should **NOT** be installed close to a performance, tour or important session.

Eclipse prior to this version can only read the FAT card format, and may hang if given a card formatted as FAT32. Cards above 1GB tend to be formatted as FAT32. If using a card to perform this update, you should either use a small card (256M or below), or re-format a larger card on a PC (not a Mac) and be sure to select FAT rather than FAT32. This issue is resolved by this update (see *Fixes* below).

IMPORTANT: The installation of this software will erase all user presets created by earlier versions. For this reason it is <u>essential</u> that you backup all user presets prior to installation, either to a card or to a computer. If you use BLOCK COPY, do NOT try to backup factory presets at the same time (see *Fixes* below).

When you first run this software, you will get a message saying that "Internal ram is new" and asking if you want to clear and format it. You **MUST** answer "yes" to this question. This will return the unit to Factory Defaults, so you may have to reconfigure your Eclipse before further use.

New Presets: *See Presets and Algorithm Manuals for more info*

800-840	new reverbs and others
850-866	guitar Preamp/Amplifier Distortion
900-920	all the factory presets from the TimeFactor Stompbox
921-960	all the factory presets from the ModFactor Stompbox

Improvements:

o MIDI latency has been reduced, and most operations are faster,

o Pitch tracking on the pitchshifters has been improved.

o MIDIclock performance has been improved.

o The LEVELS/INPUT key has changed to a dual function I/O MODE allowing a mixed mono output. When pressed, this toggles between INPUT and OUTPUT. INPUT is the previous function, while OUTPUT allows selection between the current <stereo> or the new <mono> setting, where the wet outputs are mixed to channel A and the dry outputs are mixed to channel B *(p.22 UserManual)*.

o A min/max modulation type has been added to allow modulation ranges to be set more easily (hint: the MAXIMUM key toggles between maximum and MINIMUM). *(p.42 UserManual)*

o When preset is first loaded or modulation is added to a parameter or modified, the modulation input is not re-read, causing the parameter to be unchanged.

o The number of hotkeys has been increased to 16 to support the Stompbox presets.

o The noise rejection on the pedal input has been improved.

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Improvements added in this full release

o   Indicators for changes in MIDI map or bank have been added/improved.
o   Unit returns to MIDI map mode on entering MAP menu.

Fixes:

o   When renaming a hotkey, if ENTER is followed by --> or <-- the system may hang.
o   Some units running V3.5 or V3.51 may occasionally hang during startup while displaying "LOADING OPERATING SYSTEM".
o   Cannot successfully format a card as FAT32 (typically 1GB or above).
o   Cannot read or write cards formatted as FAT32 (typically 1GB or above).
o   If BLOCK COPY is used on factory presets, the resulting saved files will be corrupted.
o   MIDI Bank (Map) Select ignores MIDI channel setting if OMNI is off.
o   Hotkey HICUT in algorithm 177 (preset 181) cannot be renamed.
o   Preset 142 (algorithm 82) has broken MASTERS/LOWPASS knob.
o   If you enter PARAM/EDIT FXA, and then exit using BACK, then PARAM/LEVELS: "Routing Levels" text is corrupted.
o   Main and FX remote bypass controls must be changed to have any effect, regardless of screen settings.
o   The screen is sometimes not cleared before the sign-on display, leaving overlapped graphics.
o   Formatting a card does not light the busy LED.

Issues in beta versions fixed in this full release

o   There is an occasional bug which may hang the system during installation after answering the "clear setup?" question, but all will be fine after a restart.
o   Preset 901, "TF 1:2 Multitap", can produce a loud feedback-like sound on loading.
o   Main and FX remote bypass controls did not work properly in "momentary" or non-MIDI modes.
o   Adding a modulator to a parameter could crash the system.
o   Some presets had repeated copies of the last hotkey.

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Version 3.5/3.51 Release Notes

This is a maintenance release with a small number of bug fixes and improvements, related to remote control of system and effects bypass.

Improvements:

o The remotes for both main and effect bypass now have a "SENSE" control, allowing the user to select between "NORMAL" and "REVERSED", allowing control by limited-function pedalboards. In the REVERSED position, the bypass will be OFF when the remote is driven, rather than ON as normal.
o Remote control of both main and effect bypass is now absolute, rather than being based upon the current setting.
o Faster operation, with 50% lower MIDI latency
o Twice as many external control sources allowed (Ext #9-16 added)
o Support for E-Control plugin (H8000 compatible MIDI remote functions)
o Remote control for A, B machine bypass under SETUP/EXTERNALS

Fixes:

o Remote control of the main bypass did not work.
o Missing hotkeys added to Preset #163
o AES status bits set properly when sample rate changed
o T_RATE value could load wrongly with certain presets
o An audio problem with systems manufactured after 08/2005 has been fixed
o If a unit is powered up in DSP bypass and then taken out of BYPASS, the output will be 100% dry until the wet/dry ratio is adjusted.