

Eventide ModFactor Public Beta

Welcome

Eventide is happy to make its ModFactor 2.4.1[5] software available as a Public Beta to all registered owners of ModFactor Stompboxes. This update includes extensions to ModFactor's operating system which improve compatibility with TimeFactor and PitchFactor.

We strongly recommend that you back up your existing presets before updating to a new software version.

Reverting to Previous Software

Note that it is possible to revert to the original version anytime. However, reverting from 2.4.1[5] to version 2.0.2[3] will require a clear setup, which can be executed by booting up while simultaneously holding the Encoder and Tap switch. After clearing setup you will have to restore system settings to your liking. Although this process will not erase your presets, we recommend you backup any presets prior to updating.

How to Participate

Participation requires the following steps:

1. [Create](#) an Eventide.com Account.
2. [Register](#) your ModFactor Pedal.
3. Download and Install the Eventide Update Utility from the [ModFactor Support Page](#).
You will not be able to download this utility until you have successfully logged in to Eventide.com and registered your ModFactor.
4. Connect your ModFactor Pedal to your computer using a standard USB Cable (not provided by Eventide).
5. Launch the Eventide Update Utility Application. Please be patient, as it can sometimes take up to 1 minute to recognize the ModFactor Pedal.
6. Select the System Version 2.4.1beta[5] from the Available Updates list and click the Update button.
7. When prompted for a username and password, enter your Eventide.com username and password.
8. Review the Release Notes and License Agreement displayed by the Eventide Update Utility.
9. Wait for the Update to Complete. This usually takes a few minutes.
10. Report any bugs, issues, or feedback to MF_beta@eventide.com.

Troubleshooting Tips

- Verify that you have properly registered your ModFactor pedal, and that your username and password are correct. This can easily be done by viewing the My Products page. In order for the update to succeed, the Serial Number on your ModFactor pedal must appear on this list, and you must supply the same username and password used to access the [My Products](#) page when prompted by the Eventide Update Utility.
- If the update is started but does not complete successfully, the pedal may not function properly. If the pedal does not properly start up, the Eventide Update Utility will not be able to communicate with it. In this case, it will be necessary to force the pedal into Update Mode by holding down the center switch while applying power. Once the word "UPDATE" appears on the display, restart the Eventide Update Utility and attempt the update again.

ModFactor Update Release Notes

Fixes In Version 2.4.1[5]

MIDI CC messages are no longer affected by having Catchup ON.

The default Expression Pedal assignment for new Factory Presets is Speed.

Expression Pedal assignments for original Factory Presets have been corrected.

An issue has been fixed where some Knobs were not saving properly.

Setting FS3 to be controlled by Aux Switch T+R now works correctly.

The LFO Display now works.

The Q-Wah Type Knob display is now correct.

Previous Changes From Version 2.4.1[1]

More Presets

ModFactor now supports up to 50 Banks/100 Presets.

This update includes killer new factory presets.

New Chorus Type

A new Chorus algorithm, “Classic,” has been added to the Chorus Type knob. The Knob acts as a filter to dial in a wide variety of warmer, vintage style chorus sounds.

New Phaser Type

A new Phaser algorithm, “PhaseX0,” has been added to the Phaser Type knob. The Knob can switch between 2, 4, 6, and 8 Stages to provide a larger assortment of classic phaser sounds.

Output Level Knob in Rotary

The Rotary Effect now uses the Intensity knob as an output level control.

Expression Pedal Improvements

Expression Pedal Programming Activation:
Expression Pedal programming is now activated only when the Expression Pedal is at the heel or toe position.

Shorter Timeout:

The Pedal Programming Timeout has been reduced to 2 seconds. This means that when you move the Expression Pedal to heel or toe position, ModFactor will allow Expression Pedal programming for 2 seconds and then change to normal operation.

Pedal Programming Lock

You can now optionally disable live Expression Pedal programming. (See below.)

Parameter Fine-Tuning

The Encoder can now be used to fine-tune all knob parameters if turned within 2 seconds of turning any knob.

Bank Select via Encoder Knob

In Bank Mode, the Encoder can now be used to select banks in either direction if turned within 2 seconds of pressing a bank change footswitch.

System Menu Updates

[MIDI] – General Improvements have been made to MIDI operation, including these new MIDI Functions:

[RCV CTL] – There are new choices for Receive Control to alter the unit’s BYPASS setting:

ACT – Make the unit ACTIVE, i.e. not bypassed.
TOG – TOGGLE the between bypass and active.

[RCV MAP] - BYPASS via Program Change

As well as using MIDI program change to load a preset, now it can also be programmed to directly control the unit's BYPASS setting. In the Receive Map menu you can now select one of the following:

BYP - BYPass the unit

ACT - Make the unit ACTIVE, i.e. not bypassed.

TOG - TOGGLE the between bypass and active.

[CLK IN] - MIDI Input Clock Enable

Turn Encoder to set MIDI Clock Receive ON or OFF. If ON, MIDI Clock is used as a Tempo source.

[CLK OUT] – MIDI Output Clock Enable

Turn Encoder to set MIDI Clock Transmit ON or OFF. If ON, ModFactor can now be used as a MIDI Clock source.

[CLK FLT] – MIDI Clock Filter Enable

Turn Encoder to set MIDI Clock Filtering ON or OFF. If ON, ModFactor can be used with an unstable MIDI Clock source.

[UTILITY] – New Utility Function:

[PDLOCK] - "Lock" Expression Pedal settings

When PDLOCK is set to ON, Expression Pedal programming is disabled and all Expression Pedal settings are locked. Default is OFF (unlocked).

Miscellaneous Fixes

MIDI Clock timing has been improved.

The accuracy of using MIDI CC to control TAP has been improved.

A received real time MIDI signal (e.g. MIDIClock) no longer terminates any sysex message also being received.

Dumping presets over USB no longer results in BAD LOAD messages.

The displays for Tempo and Dly are now consistent among all three Factor series Stompboxes.

Overall Wet/Dry levels are now more consistent.

In System/MIDI/XMT CC when you change the MIDI CC numbers from factory defaults, the settings are no longer lost after power cycle.

TremoloPan no longer mutes the signal coming from Input 2.

When using an Aux Switch assigned to TAP, a single tap of the Aux Switch now displays the current tempo like a single tap on the on-board TAP footswitch does.

When receiving a MIDI CC set to control the PDL parameter, the audio is now affected correctly.

When assigning an Aux Switch to P/B, the switch no longer decrements the Bank number with every other press.

General improvements have been made to speed up the system response.