

Eventide TimeFactor Public Beta

Welcome

Eventide is happy to make its TimeFactor 2.4.0[1] software available as a Public Beta to all registered owners of TimeFactor Stompboxes. This update includes extensions to TimeFactor's operating system which improve compatibility with ModFactor 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 2.4.0[1] to version 2.0.3[2] 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 TimeFactor Pedal.
3. Download and Install the Eventide Update Utility from the [TimeFactor Support Page](#).
You will not be able to download this utility until you have successfully logged in to Eventide.com and registered your TimeFactor.
4. Connect your TimeFactor 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 TimeFactor Pedal.
6. Select the System Version 2.4.0[1] 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 TF_beta@eventide.com.

Troubleshooting Tips

- Verify that you have properly registered your TimeFactor 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 TimeFactor 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.

TimeFactor Update Release Notes

More Presets

TimeFactor now supports up to 50 Banks/100 Presets.

This update includes killer new factory presets.

Improved Vintage Delay

The Bits, Filter, and Feedback controls have been improved for a more authentic sound.

Improved Tape Echo

The Filter and Feedback controls have been improved for a more authentic sound.

A Saturation control has replaced the Hiss control on the Xnob.

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, TimeFactor 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 System Menu Updates.)

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, TimeFactor 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, TimeFactor 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.

When a RPT ON or RPT OFF message is displayed, the Encoder knob no longer gets locked out.

It no longer takes two switch presses to turn-off Infinite Repeat after changing from Play mode to Bank mode.

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

There was an issue when assigning an Aux Switch to tip=FS1, ring=FS2, t+r=FS3. From Bank Mode, loading a preset that was saved as Looper and then loading a different preset that was not Looper resulted in Tap Tempo from an aux switch to be ignored until you switched to Play Mode and then back to Bank Mode again.

The displays for Tempo, Fdbk, 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.

If an Aux Switch is assigned to control both TAP and STP, the settings are no longer lost after power cycle.

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 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.