



## FIRMWARE RELEASE NOTES

ITEMS WITH THE PREFIX "FC" PERTAIN TO FOOT CONTROL FUNCTIONS OF THE FM3

**VERSION 1.04 BETA 7**

**MAY 11, 2020**

### FIXES

- Improved latency when recording over USB
- Improved resistance to audio dropouts and audio artifacts over USB
- FC: Advanced Switch Page will no longer blank after the FC banner has been displayed
- Scratchpad cabinets are now properly initialized to zero on boot
- Block Updates
  - Amp: Align models with AxeFx-III
  - Gate: Improved Downward Expander
  - Input: Removed Impedance
  - Para EQ: Added High and Low Slope
  - Plex Delay: Added Stack/Hold
  - Reverb: Added Reverb Dispersion
  - Tremolo: Added Optical Trem
  - Improved preset switch time when using FM3-Edit for: Gate, Input, Multitap, Output, Para EQ, Plex Delay, Resonator, Reverb, Ringmod, Rotary, Synth Tentap, Tremolo, Volume, Wah
- Controllers: Fix for LFO Astable type, Modifier added to ADSR Sustain Level
- Fix for banner display issue on Layout-Tools page
- Additional changes to aid in USB audio stability
- FC: Prevent getting trapped in the Tuner display in certain circumstances when Reveal Hold is active
- FC: Update Load Factory Default Layouts & Settings to include the View parameter for Layout Link
- FC: Respond to the first press of stand-in switches
- Clarify nomenclature for switch polarities in I/O, Pedal, Switch Settings
- Corrected filter in the AMP block
- Corrected corruption of Input 1 Right data
- Fix for LEDs and Screen lighting when unit is powered off and USB connected
- Minor performance improvements across all presets
- An external five-pin MIDI clock will now set the tempo appropriately
- Corrected switch polarity description bug (Introduced in version 1.04 beta 6)

## RELEASE NOTES HISTORY

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VERSION 1.03, APR 07, 2020

- Fixed an issue that was causing instability in some cases
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VERSION 1.02, MAR 31, 2020

- Added support for FM3-Edit Scene Manager.
  - Fix interaction of Global Scales with the FM3-Edit.
  - USB "DI" recording levels corrected.
  - Looper "Undo" now works as it does on the Axe-Fx III.
  - Preset storing is now faster.
  - Knob D on the HOME screen now changes the "FC View" within the current layout of the FM3.
  - When Tuner is assigned as a hold function, you can now exit the Tuner with a single tap.
  - The following blocks have been updated with changes from their counterparts on the Axe-Fx-III: Chorus, Compressor, Drive, Enhancer, Filter, Flanger, Formant, Gate, Graphic EQ, Input, Send, Return, Looper, Megatap, Phaser. The features and CPU usage of these blocks may have changed, and any presets that contain them should be checked.
  - Output2 Global EQ feature added to SETUP: Global Settings.
  - When using the "Output 2 Copy" feature (in SETUP: I/O) the options "INPUT 1" and "OUTPUT 1" now produce increased level at Out 2 to better match the level at Out 1 without.
  - FC: Stand-in switches now help prevent false triggering if no switch is plugged in.
  - FC: Display now shows looper "Record 2nd Press" function (OVERDUB, PLAY, or STOP).
  - FC: Tap tempo now works across all Views.
  - FC: "View" functions are now available when creating per-preset switches.
  - FC: Tap tempo now works when using a stand-in switch.
  - FC: "View Inc" and "View Dec" mini-LCD now works when "Destination #" is selected.
  - FC: The MLM and certain View functions now work as intended on a connected FC-6.
  - FC: The main LCD will now display the correct first preset in the bank if the Global Setting for "Display Offset" is set to '1.'
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VERSION 1.01, FEB 13, 2020

- Small changes to some amp types.
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VERSION 1.0, FEB 11, 2020

- This is the first public release. See the FM3 Owner's Manual for details.