MESSENGER

FIRMWARE 1.0.7

Release Notes

HIGHLIGHTS

Messenger firmware version 1.0.7 adds numerous settings to the CONFIG menu for more customizable playing (velocity/aftertouch sensitivity), deeper interfacing options with external instruments, and various sequencer operation playback modes. It also features a handful of quality-of-life additions to the sequencer and arpeggiator while addressing bug fixes for improved reliability.

FIRMWARE UPDATE PROCEDURE

From time to time firmware updates will be released to expand the capabilities of Messenger. Firmware updates are accomplished by downloading the firmware update package from our website and connecting your Messenger to a computer via USB.

Once Messenger is connected to your computer run the firmware updater program by either opening the .dmg file (Mac) or running the .exe file (Windows). Follow the on-screen instructions and, when finished, you may disconnect Messenger from your computer.

NEW FEATURES

- Sequencer Play Modes (CONFIG Menu Page 1, Item 7)

  PGM button 1 (lit): Play seq at press of PLAY button, transpose at Keyboard press
  PGM button 2 (lit): Play seq at keyboard press, transpose at keyboard press
  PGM button 3 (lit): Play seq at press of Play button, override to voice at keyboard press

- Sequencer Modes – Seq Transpose Across Patch Loads (CONFIG Menu Page 2, Item 4, Option 5)

  When Disabled (PGM button 5 unlit) sequence transposition will be reset when changing patches.

- Velocity Sensitivity (CONFIG Menu Page 2, Item 6)

  PGM buttons 1-16 set sensitivity from 0-100%

- Aftertouch Sensitivity (CONFIG Menu Page 2, Item 5)

  PGM buttons 1-16 set sensitivity from 0-100%

- MIDI Clock Settings – Toggle MIDI Clock Transmit (CONFIG Menu Page 3, Item 3)

  PGM button 2: Transmit MIDI Clock/Transport messages on/off (lit/unlit)

- CV Output Source selection (CONFIG Menu Page 3, Item 8)

  PGM button 1: VCO Pitch (default)

  PGM button 2: Internal keyboard pitch

  PGM button 3: Sequencer pitch

  PGM button 4: CV In pitch

  PGM button 5: MIDI In (DIN) pitch

  PGM button 6: MIDI In (USB) pitch

- Analog Clock Input PPQN Settings (CONFIG Menu Page 3, Item 9)

    PGM button 1: 1 PPQN

    PGM button 2: 2 PPQN

    PGM button 3: 3 PPQN

    PGM button 4: 4 PPQN

    PGM button 5: 5 PPQN

    PGM button 6: 6 PPQN

    PGM button 7: 7 PPQN

    PGM button 8: 8 PPQN

    PGM button 9: 9 PPQN

    PGM button 10: 10 PPQN

    PGM button 11: 11 PPQN

    PGM button 12: 12 PPQN

    PGM button 13: 24 PPQN

    PGM button 14: 48 PPQN

- Run Tuning Proceedure (CONFIG Menu Page 4, Press Item 14 to run tuning)

- MIDI Clock Output fully implemented

- Live record held notes as ties in sequencer

- Add Expression MIDI CC. Expression Input now sends/receives on CC11. SUB WAVE now sends/receives on CC71

- Add Sysex Bulk Dump / Receive Functionality. To perform bulk dump: Press CONFIG Page 3 Item 7

- Hold PATCH and press INIT to initialize only sound engine without overwriting sequencer

- Add 1 second delay to preset audition upon holding patch buttons in save UI

IMPROVEMENTS

- Improved tuning procedure

- Allow sequence ties to be inserted by holding HOLD first and pressing a sequence step second, without also changing the HOLD setting's state to reduce confusion around accidentally live recording with HOLD turned on

- Removes situation where moving from Arp patch (PLAY ON) to patch with sequence auto-plays sequence

- Record arming or calling up SEQ via DIRECTION automatically calls up SEQ view

- PLAY arming or calling up ARP via DIRECTION automatically calls up ARP view

- Implements cursor in ARP view

- Improve MIDI transmit processing

- Improve resilience to ESD events

- Invert CLOCK DIV Selection, so that faster divisions are to the right / clockwise on the knob. Implement upgrade logic so that patches prior to version 7 are unaffected.

- When live recording from seq init, default to 16-step length

- Initializing sequence while playing will preserve the length of the previous sequence

BUG FIXES

- Fix bug where HOLD button would still display TIE state when turning off RECORD mode while sequence was playing

- Fix bug where sequence TIEs would continue to sound, even when the step had been disabled

- Fix bug where, occasionally, some knobs could not "pass thru" values at the extremes

- Fix bug where sequencer transpose would be set to an extreme negative number sometimes on startup

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