

Take 5 OS 2.0 Addendum

OS version 2.0 for the Take 5 adds expanded program storage (eight new banks), looping envelopes, a new Lo-Fi effect, LFO slew, various bug fixes, and many other new features.

This addendum covers all these new features.

Checking Your Operating System Version

If you have recently purchased your Take 5 new, you may already have OS 2.0 installed. If not, and you'd like to take advantage of the new features, you'll need to update your OS.

To update your Take 5 OS, you'll need a computer and a USB cable, or a MIDI cable and MIDI interface. To download the latest version of the Take 5 OS along with instructions on how to perform a system update, visit the Take 5 Support page of the Sequential website.

To check your OS version:

1. Turn on the Take 5.
2. Press the GLOBAL button and look at the top left corner of the display. The current OS will be shown here.
3. The newest version of the OS is 2.0.
4. If your OS is out of date, download the latest version from the Take 5 Support page of the Sequential website and update your instrument using the instructions included with the download.

IMPORTANT: After installing the OS update, you must refresh the Take 5's global parameters. Press the GLOBAL button, navigate to **31. Reset Globals**, and then press the flashing WRITE button.

New Features in OS 2.0

- Expanded program storage – The Take 5 program storage is now extended to 16 banks, doubling the original storage space to 256. To accommodate the space provided by the LED display, banks 10-16 are designated by letter, from A to G. Program 1 in Bank 10 will appear as A01, for example. Eight banks of brand new factory presets have been added to program memory (banks 9 to G) to take advantage of the extra space.
- Envelope Repeat: Off, ENV1, ENV2, ENV1 + ENV2 – Found in the Program menu. When on, the Delay, Attack, and Decay segments of the selected envelopes repeat indefinitely. Sustain still affects the level at which the Decay segment ends, but instead of sustaining at a fixed level while a key is held down, Delay, Attack, and Decay loop until the key is released. (The Release segment begins when the key is released, just as it does when

Repeat is off.) You can hear the effect of Envelope 2 set to Env Repeat mode in program G06 Bubbly.

- Oscillator 2 Filter Bypass: Off, On – Oscillator 2 can now be set to bypass the filter stage. The Osc 2 Filter Bypass parameter is found in the Program menu. This feature allows for layered, textural sounds. Program A02 White Room Hoover is a great example of the use of Osc 2 Filter Bypass.
- Alternate tunings per program – Found in the Program menu. You can now select from any of the 64 alternate tuning scales and save them as part of a program.
- Foot pedal sequencer control – The Foot Function parameter in the Global menu now has a new setting: Seq Start/Stop. This allows any connected and compatible foot pedal to control Start and Stop functions on the Take 5's sequencer.
- Vintage as modulation destination – Vintage is now a destination in the Modulation Matrix. Any modulation Source can now be routed to Vintage (a monophonic Destination). Have a listen to program 901 Dimension 5 in the expanded program bank to hear an example of the effects of modulating Vintage amount with key Velocity.
- LFO Sync values displayed – LFO clock division values are now displayed on the OLED when LFO Sync is on and the value is changed.
- LFO Slew – Both LFOs now have a slew parameter. Adding slew to an LFO smooths out LFO waveshapes by altering the speed at which voltage levels change. Adding slew can change a square wave LFO to a ramp, for example. Program A03 DigiBalalaika has Slew added to both LFOs, set to S+H waveforms. You can hear how the Slew parameter changes the normally sharp edges of a sample and hold LFO to sinuous curves.
- Lo-Fi Effect – A new effect added to the Take 5's Effect section, Lo-Fi emulates the transformative artifacts of a poorly -calibrated tape machine. Due to the limited number of control parameters, each pot operates as a "macro", controlling multiple effect parameters at once.

Parameter 1 TIME sets the frequency of "wow" and "flutter". Parameter 2 DEPTH/MIX sets the amount of wow and flutter, and simultaneously adjusts the emulated playback head azimuth. Parameter 3 FBACK/MISC controls the amount of drive from the virtual tape deck. Program 912 70s Optical is a great example of Lo-Fi in effect.