Prophet Rev2 OS 1.1.4 Addendum

Rev2 OS version 1.1.4 adds a number of new features not covered in the main Operation Manual. These features are described in this addendum in the order shown below.

New Features in OS 1.1.4

- Arpeggiator Beat Sync. This Global parameter quantizes keyboard performance of the arpeggiator so that notes are quantized to the current clock divide setting.

- MIDI note output from the arpeggiator and sequencer allows you to use the Rev2 arpeggiator or sequencer to drive other sound modules.

- MIDI program change command enable/disable

- Arpeggiator "Momentary Sustain" Mode allows the arpeggiator to sustain (even when you release the notes on the keyboard) for as long as you hold down the Sustain pedal. Releasing the Sustain pedal stops the arpeggiator.

- New SAVE EDIT B Global command enables/disables automatically saving Layer B sounds when you save a program.

- The Compare function now displays the target program's name when you save a program to a new location.

- MIDI continuous controller #95 now allows you to control sequencer step playback. The SEQ PEDAL MODE command in the Global menu determines the playback mode when using CC#95.

Checking Your Operating System Version

If you've just purchased your Rev2 new, OS 1.1.4 may already be installed. If not, and you want to use the new features just described, you'll need to update your OS to version 1.1.4 or later.

To update your Rev2 OS, you'll need a computer and a USB cable, or a MIDI cable and MIDI interface. To download the latest version of the Rev2 OS along with instructions on how to perform a system update, visit the Sequential website at:

https://www.sequential.com/updating-prophet-rev2-os/

To check your OS version:

1. Press the GLOBAL button. The screen displays the OS version.

2. If your OS is out of date, download the latest version from the URL above and update your instrument using the instructions included with the download.

Because OS 1.1.4 adds new commands to the Globals menu, after installing the OS update, you must refresh the Rev2's Global parameters using the RESET GLOBALS command in the Globals menu.

Arpeggiator Beat Sync

This option, found in the Global menu, quantizes keyboard performance of the arpeggiator so that notes are quantized to the current clock divide setting. Previously, changing notes or chords on the keyboard during arpeggiator playback would retrigger notes whether or not the note was played precisely on the beat. With this option enabled, arpeggiator note playback occurs only on the beat — regardless of when you press a key on the keyboard.

To enable Arpeggiator Beat Sync:

1. Press the GLOBAL button, then use PARAMETER knob to select ARP BEAT SYNC.

2. Turn the VALUE knob to select QUANTIZE.

3. Press the GLOBAL button again to exit the Global menu.

MIDI Note Output from the Arpeggiator and Sequencer

The Rev2's arpeggiator and sequencer now output MIDI note numbers. Any notes that you hold on the Rev2 keyboard will be arpeggiated according to the current settings of the arpeggiator and output over MIDI as MIDI notes. Similarly, any notes output by the sequencer will be output over MIDI as MIDI notes. You can use this feature to drive other MIDI-equipped devices such as synthesizers and drum machines. To access this feature, use the MIDI ARP NOTES setting in the GLOBAL menu.

To enable MIDI Note output from the arpeggiator:

1. Press the GLOBAL button, then turn the PARAMETER knob to select MIDI ARP+SEQ.

2. Turn the VALUE knob to select ON.

To control an external MIDI device:

1. Connect the MIDI or USB output of the Rev2 to the MIDI or USB input of the external device, depending on which type of connection the external device requires.

2. On the Rev2, press the GLOBAL button, then use the PARAMETER knob to select MIDI OUT SELECT.

3. Use the VALUE knob to select MIDI, or USB, or MIDI+USB, depending on how your Rev2 and external device are connected.

4. Press the GLOBAL button again to exit the Global menu.

5. On the external device, set the the MIDI Channel and MIDI Receive port to match the Rev2.

6. Hold down a chord on the Rev2 or start sequencer playback. The external device should be triggered by the arpeggiated or sequenced notes.

MIDI Program Change Commands Enable/Disable

The Rev2 can send MIDI Program Change commands. This makes it easy to change programs/presets on synthesizers and other devices connected to the Rev2 using MIDI/USB. When enabled, selecting a program on the Rev2 will select a program with a corresponding number on an external synthesizer or device that is configured to accept MIDI Program Change commands.

OS version 1.1.4 gives you the ability to turn this function on or off.

To enable or disable MIDI Program Send:

1. Press the GLOBAL button then use PARAMETER knob to select MIDI PROGRAM SEND.

2. Turn the VALUE knob to select either OFF or ON, depending on your preference.

3. Press the GLOBAL button again to exit the Global menu.

Make sure that the external device is configured to accept MIDI Program Change commands. Consult the device's documentation if necessary.

If you're using the Rev2 as a MIDI controller for other devices, the MIDI Program Send parameter allows you to increment or decrement through Rev2 programs correctly with Local Control off and without sending the outgoing MIDI stream back to the Rev2. Though the program number won't change on the Rev2 display, the correct messages will be sent to the MIDI output.

Arpeggiator "Momentary Sustain" Mode

The Rev2 allows you to use the sustain pedal to turn the arpeggiator's Hold function on and off and perform other arpeggiator-related functions. To access this feature, use the SUSTAIN ARP setting in the GLOBAL menu.

There are now three modes to choose from:

- ARP HOLD - With the arpeggiator running in this mode, pressing the Sustain pedal once causes the arpeggiator to hold the sequence (even when you release the notes on the keyboard). Pressing it again stops the arpeggiator.

- SUSTAIN - With the arpeggiator running in this mode, pressing and holding the Sustain pedal sustains the notes, as the Sustain pedal normally would.

- ARP HOLD MOM - With the arpeggiator running in this mode, pressing and holding the Sustain pedal causes the arpeggiator to sustain (even when you release the notes on the keyboard) for as long as you hold down the pedal. Releasing the Sustain pedal stops the arpeggiator.

To select the arpeggiator's sustain pedal mode:

1. Press the GLOBAL button then use PARAMETER knob to select SUSTAIN ARP.

2. Turn the VALUE knob to select either ARP HOLD, SUSTAIN, or ARP HOLD MOM, depending on your preference.

3. Press the GLOBAL button again to exit the Global menu.

"Auto-Save Layer B" Enable/Disable

As you know, each Rev2 program has a Layer A and a Layer B. Layer A is the main program. Layer B is used when stacking or splitting sounds. Prior to OS 1.1.4, when you saved a program, both Layers were automatically saved together. Now you can choose whether or not Layer B sounds are automatically saved when you save a program.

To enable or disable auto-save for layer B:

1. Press the GLOBAL button then use PARAMETER knob to select SAVE EDIT B.

2. Turn the VALUE knob to select either ON or OFF , depending on your preference.

3. Press the GLOBAL button again to exit the Global menu.

"Compare" Now Displays Target Program Name When Saving

Before saving a program to a new location, you can press the COMPARE button to listen to the program in the target location to make sure you really want to overwrite it. With OS 1.1.4, the name of the program in the target location is also displayed.

To evaluate a program before you overwrite it:

1. Get ready to save by pressing the WRITE button. It starts flashing.

2. Press the COMPARE button.

3. Use the BANK and PROGRAM knobs to navigate to a new location for the saved sound. With the Compare button on, you can audition the sound currently saved to that location before deciding to overwrite it or not. Play the keyboard to audition the sound.

4. To disable the Compare function and go back to the edited sound, press the COMPARE button again to turn it off. (Programs can't be written while in COMPARE mode.)

5. If you want to save the edited sound, the WRITE button is still flashing and ready to save, so navigate to a location with the BANK and PROGRAM knobs and press WRITE. The sound is saved.

6. Alternatively, if you want to cancel saving and continue editing, press the GLOBAL button. Saving is canceled.

MIDI Continuous Controller #95 Controls Sequencer Playback

MIDI continuous controller CC#95 now allows you to control sequencer step playback. The SEQ PEDAL MODE command in the Global menu determines the playback mode when using CC#95.

- With NORMAL selected, a footswitch will start sequencer playback.

- With TRIG selected, an audio signal connected to the SEQUENCER jack will step the sequencer when the sequencer's PLAY button is on.

- With GATE selected, an audio signal connected to the SEQUENCER jack will trigger and gate the envelopes while you hold a note or chord. Additionally, turning on the sequencer or arpeggiator will add sequencer or arpeggiator playback — but controlled by the Prophet Rev2's clock BPM and VALUE settings and not the audio trigger.

- With TRIG-GATE selected, an audio signal connected to the SEQUENCER jack will trigger and gate the envelopes while you hold a note or chord. Additionally, pressing the sequencer's PLAY button will also add synchronized sequencer playback.

To set the sequencer pedal mode:

1. Press the GLOBAL button then use PARAMETER knob to select SEQ PEDAL MODE.

2. Turn the VALUE knob to select NORMAL, TRIGGER, GATE, or TRIG-GATE depending on your preference. To learn

3. Press the GLOBAL button again to exit the Global menu.