MINITAUR REV 2 ADDENDUM

PRESETS

Minitaur can now store up to 100 presets in internal memory. Presets can be saved and loaded using the Minitaur REV 2 Editor, or via any sysex utility.

TO SCROLL THROUGH PRESETS FROM THE FRONT PANEL:

While holding the **GLIDE** button, press the **VCO 1** button to increment presets or press the **VCO 2** button to decrement presets.

Hold the **GLIDE** button and press both **VCO 1** and **VCO 2** buttons to return to panel mode (Preset 0).

DECAY/RELEASE CONTROL

REV 2 introduces a new operational mode for the Envelope **DECAY**/**RELEASE** knobs.

DECAY AND RELEASE MODES

To toggle between Mode 1 and Mode 2 press and hold the **RELEASE** switch for 1 second. The **RELEASE** switch LED will blink one time to indicate Mode 1, or two times to indicate Mode 2. (The selected mode is remembered on power-down).

MODE 1 - Control of **DECAY** and **RELEASE** functionality is linked.

MODE 2 - Turning the **DECAY/RELEASE** knob by itself adjusts **DECAY** time. To adjust the **RELEASE** time, press and hold the **RELEASE** switch while turning the **DECAY/RELEASE** knob.

NOTE: The Release On/Off function is now toggled when the panel button is released.

CV MAPPING

In REV 2 , the **PITCH**, **VOLUME**, and **GATE** Controller Inputs on Minitaur can be re-mapped to control other parameters. This allows you to use control voltage in new and creative ways.

The **PITCH** and **VOLUME** inputs provide continuous control, like the panel knobs, while the **GATE** input only provides on/off type control. Therefore, the **PITCH** and **VOLUME** inputs can be re-mapped to any parameter, while the **GATE** input can only be used to control two-state parameters (on or off).

CV Mapping is configured in the Minitaur Editor/Librarian software on the Hardware Settings panel (Ctrl/command+3 to display). There is a CV Mapping menu for **PITCH**, **VOLUME**, and **GATE**. Simply click any item on these menus to select a new destination.

NOTE: CV Mapping settings are global; they do not change per preset and are saved on power down. To reset all Controller Inputs to default settings, simply click the Default Mappings button on the Minitaur Editor Hardware Settings panel.

MINITAUR REV 2 ADDENDUM

CV TO MIDI CONVERSION

Minitaur can now convert multiple channels of Control Voltage to MIDI! This allows you to take CV sources such as modular synths, a CP-251 Control Processor or a Moog Etherwave Pro Theremin, and translate the voltage into MIDI control for your plug-in effects, soft synths, or other MIDI gear.

All Minitaur sound parameters have an assigned MIDI CC number. When a parameter value changes, Minitaur sends out MIDI CC data over its USB MIDI connection. When one of the Controller Inputs is mapped to a non-default parameter, Minitaur will send out CC messages for that parameter in response to control voltage changes at the input.

In order to get optimal response from the CV to MIDI conversion, you will need to adjust the scale and range of the control voltage to stay within the range of 0 to +5 Volts, before applying voltage to the Controller Input.

WARNING: *Do not apply a negative control voltage, or a CV greater than +5 Volts.*

MINITAUR'S GLOBAL PARAMETERS AND THEIR DEFAULT VALUES:

MIDI CLOCK LED ENABLE: OFF, ON / DEFAULT = OFF / 14 BIT

MIDI OUTPUT: OFF, ON / DEFAULT = OFF / *NOTE: If on, panel knobs send 14 bit CC data.*

DECAY/RELEASE MODE: MODE 1 (Decay/Release are linked) / MODE 2 (Decay/Release independent) / DEFAULT = MODE 1

KNOB MODE: SNAP, PASS-THRU, AND RELATIVE / DEFAULT = RELATIVE

MIDI CHANNEL IN: 1 - 16 / DEFAULT = 1

MIDI CHANNEL OUT: 1 - 16 / DEFAULT = 1

KEYBOARD PRIORITY: LOW, HIGH, LAST NOTE / DEFAULT = LAST NOTE

TRIGGER MODE: SINGLE TRIGGER (legato on), MULTI-TRIGGER (legato off) / DEFAULT = SINGLE TRIGGER

LFO SYNC PHASE RESET: OFF, ON / DEFAULT = ON

LOAD PRESET MOD WHEEL VALUE: OFF, ON / DEFAULT = OFF

MINITAUR REV 2 ADDENDUM

LFO SYNC PHASE RESET
LFO Sync Phase Reset in the Minitaur REV 2 Editor is labeled LFO Phase Reset. This parameter affects the LFO behavior while it is synced to MIDI. If LFO Sync Phase Reset is ON, then the LFO waveform is reset to the start of its cycle on the beginning of every "beat" according to the current MIDI clock settings. Since the LFO rate is set to give one cycle per "beat", this Phase Reset is usually inaudible, as it lines up with where the start of the cycle should already be. This reset corrects for clock inaccuracies that could otherwise cause the LFO to drift relative to the beat.

NOTE: If you sweep the LFO Rate knob while in MIDI sync, this can cause abrupt and noticeable jumps in the LFO if it is reset mid-cycle. If LFO Sync Phase Reset is OFF, then you can sweep the LFO Rate while in MIDI Sync, however you may find that the LFO cycle drifts relative to the beat.

KNOB MODE
This parameter controls the behavior of Minitaur's panel knobs when their physical position does not match the associated parameter value, which often happens when changing presets. In **SNAP MODE**, as soon as the knob is moved, the parameter value jumps to the current knob position. In **PASS-THRU MODE**, turning the knob will have no effect on the sound until the knob position matches ("passes through") the parameter value, after which the knob behaves as normal. In **RELATIVE MODE**, turning the knob adjusts the parameter value proportionally, so that there are no sudden jumps in value.

LOAD PRESET MOD WHEEL VALUE
If On, loads a saved Mod Wheel value on preset load (the Mod Wheel value that was active when the preset was saved). If Off, then the "live" / current Mod Wheel value persists when changing presets.