

PRESETS

BANK PATCH

1 2 3 4

ACTIVATE PANEL ▶



Accessing Hidden Parameters

First, engage Shift mode by holding down the **BANK 4** button and pressing the **ACTIVATE PANEL** button. Then enter a code from this hidden parameter chart using the **BANK** and **PATCH** buttons to choose a parameter. Finally, use the keys on the keyboard to set the value of the parameter.

Selecting the Parameter Value

All parameters have at least two possible values (ON and OFF), and some parameters have 24 possible values. Lower keys specify lower values, and higher keys specify higher values. The low C key always selects the lowest value. For parameters with two values, the low C always selects OFF and the low C# always selects ON. For parameters that use less than the entire keyboard to select values, unused keys play normally, allowing you to audition sounds while you make parameter changes.

DUO MODE

NOTE: Duo Mode allows Oscillator 1 to follow the pitch of one key, while Oscillator 2 can follow the pitch of a second, different key at the same time. If only one key is played while in Duo Mode, both oscillators track the pitch of that key, but if an additional key is played at the same time, Oscillator 1 and Oscillator 2 will each track a different key.

Voice Mode



Mono, Duo

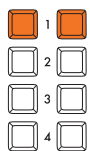
Osc 2 Priority: Duo Mode



Osc 2 Tracks High Note, Osc 2 Tracks Low Note

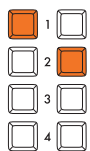
PITCH

Keyboard Transpose



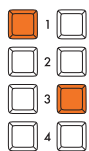
Relative to Middle C

Pitch Bend Range Up



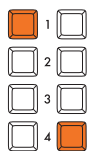
0 to 24 Semitones

Pitch Bend Range Down



0 to 24 Semitones

Legato Glide



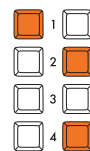
Off, On

Note Priority



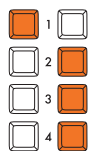
Low, High, Last, Global Note

Glide Type



LCR, LCT, EXP

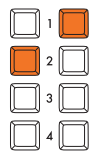
Gated Glide



Off, On

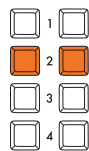
FILTER / MODULATION

Filter Slope



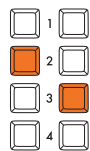
1, 2, 3, 4 Poles (6, 12, 18, 24dB/Oct)

Wave Mod Destination



Osc 1, Osc 2, Both

LFO Range



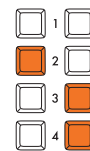
Low, Mid, High, (.01-10, 1-100, 1-1000 Hz)

LFO KB Amount



Off to 200% (Middle C = 100%)

LFO MIDI Sync



Off, On

FILTER ENVELOPES

Trigger Mode	Filter EG Reset	Filter EG Repeat	Filter EG KB Amount	Filter EG Gate Source	Filter EG Decay Speed
<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>
<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>	<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input type="checkbox"/>
<input type="checkbox"/> 4 <input type="checkbox"/>	<input type="checkbox"/> 4 <input type="checkbox"/>	<input type="checkbox"/> 4 <input type="checkbox"/>	<input type="checkbox"/> 4 <input checked="" type="checkbox"/>	<input type="checkbox"/> 4 <input type="checkbox"/>	<input type="checkbox"/> 4 <input checked="" type="checkbox"/>
Single, Multi	Off, On	Off, On	Off to 200% (Middle C = 100%)	Always On, Keys Only, Gate Input Only, Keys + Gate In	Slow, Fast

AMPLIFIER ENVELOPES

Trigger Mode	Amp EG Reset	Amp EG Repeat	Amp EG KB Amount	Amp EG Gate Source	Amp EG Decay Speed
<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>
<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>	<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>
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Single, Multi	Off, On	Off, On	Off to 200% (Middle C = 100%)	Always On, Keys Only, Gate Input Only, Keys + Gate In	Slow, Fast

GLOBAL SETTINGS

MIDI In Channel	MIDI Out Channel	MIDI Input Select	MIDI Output Select	MIDI Merge USB Input	MIDI Merge DIN Input	MIDI CC Resolution
<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/>
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1 to 16	1 to 16	Off, DIN, USB, Both	Off, DIN, USB, Both	Off, DIN, USB, Both	Off, DIN, USB, Both	Off, On, Filt/Freq Only

Local Control	MIDI Output Filter	Use Preset Volume	Use Preset Mod Wheel	Use Preset KB Octave	Global Note Priority	Knob Mode	Aftertouch Scale
<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input checked="" type="checkbox"/>
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Off, On	Off, No Vol CC, Keys & Wheels Only, Keys Only	Off, On	Off, On	Off, On	Low, High, Last Note	Snap, Pass-thru, Relative	Off to 5 Octaves (Affects Cutoff)

System Commands

Each parameter in this row requires that you press a key twice to confirm your choice. Once you've selected a command, press the C# key twice to invoke it, or press the C key to cancel it.

Initialize Preset	Initialize Global Parameters	Restore Factory Presets	Note Calibration	Send Current Preset	Send All Presets
<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>	<input type="checkbox"/> 1 <input checked="" type="checkbox"/>	<input type="checkbox"/> 1 <input type="checkbox"/>
<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>	<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input type="checkbox"/>	<input type="checkbox"/> 2 <input checked="" type="checkbox"/>	<input type="checkbox"/> 2 <input type="checkbox"/>
<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input type="checkbox"/>	<input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> 4 <input type="checkbox"/>	<input checked="" type="checkbox"/> 4 <input type="checkbox"/>	<input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 4 <input type="checkbox"/>	<input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/>