Front Panel Assignments

Control	Function	Description
Shape 1	Timbre Bias	Timbre Input Bias
Picth 1	Timbe Intensity	Timbre Modulation Intensity
Waveform 1	[0 | 1 | 2]	Timbre Matrix Operator Select
Pitch Int	EG Envelope Intensity	EG Envelope with EG Velocity Intensity
Shape 2	Morph Bias	Morph Input Bias
Pitch 2	Morph Intensity	Morph Modulation Intensity
Waveform 2	[0 | 1 | 2]	Morph Matrix Operator Select
Crossmod	LFO2 Intensity	LFO2 Intensity
Shape	Harmonics Bias	Harmonics Input Bias
ShiftShape	Harmonics Intensity	Harmonics Modulation Intensity
Ring / Sync	[0 | 1]	Harmonics Modulation Type Select

Modulation Matrix Assignments

MX		Mod Ch. 1	Mod Ch. 2	Mod Ch. 3
2	Timbre	KT	LFO*-KT	EG Env*KT
1	Timbre	KT	LFO*LFO2	EG Env
0	Timbre	KT	LFO	EG Env
2	Morph	KT	MultiMod*-KT	LFO2*KT
1	Morph	KT	MultiMod*LFO	LFO2
0	Morph	KT	MultiMod	LFO2
1	Harmonics	KT	LFO	
0	Harmonics	KT	MultiMod	

MultiEngine Parameter Menu Assignments

Param1	LFO2 Rate	Triangle/Ramp LFO2 frequency
Param2	Mod Channel 1 Intensity	Timbre Key Track
Param3	Mod Channel 1 Intensity	Morph Key Track
Param4	Mod Channel 1 Intensity	Harmonics Key Track
Param5	Attack Time/LFO3 Tri Rate	MulitMode Programming
Param6	Decay Time/LFO3 Saw Rate	MultiMode Programming

Model Input Key

Timbe
Morph
Harmonics
Tim. Mor.
Mor. Ham.
Ti. Mo. Ha.

MultiMod Programming

Param5 Attack/TRI	Param6 Decay/SAW	
[+] Rate	[+] Rate	AD Envelope
[+] Rate	[-] Rate	AR Envelope
[+] Rate	0	LFO3 Tri Tremolo
[-] Rate	0	LFO3 Tri Vibrato
0	0	EG Envelope (no Velocity)
0	[+] Rate	LFO3 Saw Tremolo
0	[-] Rate	LFO3 Saw Vibrato
[-] Rate	[+] Rate	ADSR 40% Sustain
[-] Rate	[-] Rate	ADSR 70% Sustain

Notes

1. Matrix Operator controls how Built In and Hardware Modulators are combined per channel
2. Mod Channel 1, 2 and 3 are summed across rows.
3. Mod Channel 1 is assigned to Menu Params 2, 3, and 4
4. Mod Channel 2 is assigned Front Panel Int1, Int2, and Int3
5. Mod Channel 3 is assigned to Front Panel EG Env Int, LFO2 Int, Mod Type Select, and Param1