



OSCILLATORS

9	0-127	TIMBRE	REDUCES PHASE DISTORTION ON HIGHER NOTES. SIMILAR TO KEY FOLLOW.
74	0-127	PHASE DISTORTION MAN.	DIRECT CONTROL OF PHASE DISTORTION AMT.
79	0-127	ENV>PHASE DISTORTION	AMOUNT OF ENV SENT TO PHASE DISTORTION.
23	0-127	ENV ATTACK	PHASE DISTORTION ENV ATTACK
24	0-127	ENV DECAY	PHASE DISTORTION ENV DECAY
25	0-127	ENV SUSTAIN	PHASE DISTORTION ENV SUSTAIN
26	0-127	ENV RELEASE	PHASE DISTORTION ENV RELEASE
71	0-127	OSC. BALANCE	BALANCE OF WAVEFORM COMBINATIONS
77	0-127	OSCILLATOR WAVEFORM	OSCILLATOR WAVEFORM 36 VARIATIONS
85	0-127	PITCH BEND RANGE	PITCH BEND RANGE FROM 1 STEP TO OCTAVE

AMP/VIRTUAL VCA/WAVESHAPER

8	0-127	ENV>AMP	AMOUNT OF ENV SENT TO AMP
12	0-127	WAVE SHAPER TYPE	SELECT SHAPER TYPE. 11 VARIATIONS + BYPASS
13	0-127	WAVE SHAPER OFFSET	WAVE SHAPER OFFSET
73	0-127	AMP ATTACK	AMP ENV ATTACK
75	0-127	AMP DECAY	AMP ENV DECAY
70	0-127	AMP SUSTAIN	AMP ENV SUSTAIN
72	0-127	AMP RELEASE	AMP ENV RELEASE

LFO CONTROLS

27	0-127	LFO RATE	CONTROLS SINE WAVE LFO RATE.
28	0-127	LFO DELAY	CONTROLS LFO DELAY AND FADE IN TIME.
29	0-127	LFO>OSC PITCH	AMOUNT OF LFO SENT TO OSC PITCH.
30	0-127	LFO>OSC PHASE DIST.	AMOUNT OF LFO SENT TO OSC PHASE DIST.

CHORUS/FLANGER CONTROL

*88	0	CHORUS ON/OFF	BYPASSES CHORUS EFFECT.
	>0		ENGAGES CHORUS EFFECT.
89	0-127	CHORUS 2 LEVEL	SETS CHORUS 2 LEVEL FROM 100% TO 100%.
90	0-127	CHORUS 2 DELAY	MANUAL CONTROL OF CHORUS2 DELAY TIME.
91	0-127	CHORUS 2 DEPTH	CHORUS 2 MODULATION AMOUNT.
92	0-127	CHORUS 1 LEVEL	SETS CHORUS 1 LEVEL FROM 100% TO 100%.
93	0-127	CHORUS 1 DELAY	MANUAL CONTROL OF CHORUS 1 DELAY TIME.
94	0-127	CHORUS 1 DEPTH	CHORUS 1 MODULATION AMOUNT.
95	0-127	CHORUS LFO RATE	CHORUS LFO RATE.
96	0-127	CHORUS 1 FEEDBACK	AMT OF FEEDBACK FROM CHORUS 1 TO INPUT.
97	0-127	CHORUS FILTER	CHORUS LOW PASS FILTER.

MISCELLANEOUS

31	0-127	HIGH SHELF CUTOFF	SETS HIGH SHELF CUTOFF FREQ. 0HZ TO ~10KHZ
32	0-127	HIGH SHELF LEVEL	SETS HIGH SHELF LEVEL. 0 TO 100%.
*115	0	DISABLE SYNTH	DISABLE SYNTH & RETURN TO FUZZ MODE.
*106	>0	TUNE DOWN	INCREMENT PITCH TUNING DOWN.
*107	>0	TUNE UP	INCREMENT PITCH TUNING UP.
7	0-127	VOLUME	SETS MASTER OUTPUT VOLUME.

*CC is used as a toggle.