

Setup Operations

Setup operations are accessible by pressing and holding the SYSTEM-1 button whilst turning on the power of the System-1.

Press ARPEGGIO to save any changes.

Parameter	Control	Values	Notes
MIDI Channel	SCATTER TYPE Dial	OFF C1 - C16 (Default=1) ONn (OMNI)	When a specific channel is set, this will be both Receive and Transmit channel When OMNI is set, the Receive channel is ALL, the Transmit channel is 1
Midi Clock source	Memory Button 1	LIT (AUTO) Unlit (INTERNAL)	In AUTO, clock can either be via MIDI or USB, with USB having priority
MIDI THRU	Memory Button 2	LIT (ON) UNLIT (OFF)	When ON, MIDI out is also MIDI THRU
Boost Mode	Memory Button 3	LIT (ON) UNLIT (OFF)	Increases the output level of the output jacks
Scatter Memory	Memory Button 4	LIT (ON) UNLIT (OFF)	When ON, the SCATTER settings are saved with Patch Settings
Screen Saver	ENV MOD (Hold) + SCATTER TYPE Dial	0 - 10	Turn the dial to determine the time for the LED screen saver to engage. If no LEDs on the dial are lit, the screen saver is not displayed
Master Tune	KEY HOLD (HOLD) + JOG Wheel	OCTAVE UP/DOWN	UP and DOWN Lit = 440Hz UP Lit = 440 + SCATTER wheel LED DOWN Lit = 440 - SCATTER wheel LED

Memory Banks

If no PLUG-OUT is loaded in the SYSTEM-1, the PLUG-OUT patches are not available and the PLUG-OUT button will not function.

Synth Option	Selector	Control	Notes
SYSTEM-1 Patch	SYSTEM-1 Lit	Memory Button 1-8	Select memory locations 1 - 8
SYSTEM-1 Bank	SYSTEM-1 (HOLD)	Memory Button 1-8	Select memory bank. Select memory location after selecting bank to load new patch
PLUG-OUT Patch	PLUG-OUT Lit	Memory Button 1-8	Select memory locations 1 - 8
PLUG-OUT Bank	PLUG-OUT (HOLD)	Memory Button 1-8	Select memory bank. Select memory location after selecting bank to load new patch
Patch Volume	TEMPO SYNC (HOLD)	SCATTER TYPE DIAL	Set the volume of individual patches

OSCILLATORS

Function	Selector	Controller	Notes
Default OSC1/OSC2	NONE	WAVE KNOB	1= SAW, 2=SQU, 3=TRI, 4=SAW2, 5=SQU2,6=TRI2
Alternate OSC1/OSC2	LEGATO (HOLD)	WAVE KNOB	1=NOISE SAW, 2=LOGIC, 3=FM, 4=FM + Sync, 5=Vowel, 6=Cowbell
Coarse Tune	RING and SYNC (HOLD BOTH)	SCATTER TYPE Dial or OCS2 TUNE	Scatter LEDs indicate amount of COARSE TUNE 0 = OFF, -11 to +11 Semi-tones

Pitch Bend Range

Function	Selector	Controller	Notes
Change Pitch Bend Range	LEGATO (HOLD)	SCATTER TYPE Dial	Scatter LEDs indicate Pitch Bend Range Range = 12 When LEDs 10 and 12 on Range = 24 when LED 10 blinks and 4 is on

Controller Snapshot

Function	Selector	Controller	Notes
Transmit Controller State	MANUAL (HOLD 2-3 Secs)		Transmits a snapshot of the System-1's slider and button values CC over MIDI Uses USB if USB cable connected, otherwise MIDI connection

MIDI Controls

Function	Selector	Controller	Notes
Local ON	SYSTEM-1 + PLUG-OUT	SCATTER TYPE Dial	Memory button 2 blinks when Local ON is set Produces sound via keypad and MIDI
Local OFF	SYSTEM-1 + PLUG-OUT	SCATTER TYPE Dial	Memory button 1 blinks when LOCAL OFF is set Produces sound via MIDI only
MIDI Controller	SYSTEM-1 + PLUG-OUT	SCATTER TYPE Dial	Memory button 3 blinks when controller mode is set Does not produce sound, only transmits MIDI messages If MIDI Channel is OFF, no messages are sent

MIDI Control Change List

Control Change	Function	Values
1	MOD	0=OFF,127=ON
3	LPF CUTOFF	0-127
5	PORTAMENTO	0-127
9	RESO	0-127
11	PEDAL CONTROL	0-127
12	AMP CRUSHER	0-127
13	DELAY TIME	0-127
16	MIXER OSC1	0-127
17	MIXER OSC2	0-127
18	MIXER SUB OSC	0-127
19	MIXER NOISE	0-127
22	PITCH ENV	0-127
23	PITCH ATTACK	0-127
24	PITCH DECAY	0-127
26	LFO PITCH	0-127 (64)
27	LFO FADE TIME	0-127
28	LFO FILTER	0-127 (64)
29	LFO RATE	0-127
30	LFO AMP	0-127 (64)
35	LFO TYPE	0=SIN, 25=TRI, 51=SAW, 76=SQU, 102=S&H, 127=DIGI
46	OSC1 TYPE (CC105 = 0)	0=SAW, 25=SQU, 51=TRI, 76=SAW2, 102=SQU2, 127=TRI2
	OSC1 TYPE (CC105 = 1)	0=NoiseSAW, 25=LOGIC, 51=FM, 76=FM+SYNC, 102=VOWEL, 127=CB
47	OSC1 RANGE	0=64', 25=32', 51=16',76=8', 102=4', 127=2'
50	OSC1 COLOR	0-127
52	OSC1 CROSS MOD	0-127
55	OSC2 COLOR	0-127
56	OSC2 TUNE	0-127 (64)
60	OSC1 MOD	0=MAN, 25=LFO, 51=P.Env, 76=F.Env, 102=A.Env, 127=S.Osc
61	OSC2 TYPE (CC106 = 0)	0=SAW, 25=SQU, 51=TRI, 76=SAW2, 102=SQU2, 127=TRI2
	OSC2 TYPE (CC106 = 1)	0=NoiseSAW, 25=LOGIC, 51=FM, 76=FM+SYNC, 102=VOWEL, 127=CB
62	OSC2 RANGE	0=64', 25=32', 51=16',76=8', 102=4', 127=2'
63	OSC2 MOD	0=MAN, 25=LFO, 51=P.Env, 76=F.Env, 102=A.Env, 127=S.Osc
64	PEDAL HOLD	<63=OFF, >64=ON
69	AMP TONE	0-127 (64)
79	HPF CUTOFF	0-127
81	FILTER ENV	0-127 (64)
82	FILTER KEY	0-127 (64)
83	FILTER ATTACK	0-127
84	FILTER DECAY	0-127
85	FILTER SUSTAIN	0-127
86	FILTER RELEASE	0-127
89	AMP ATTACK	0-127
90	AMP DECAY	0-127
91	REVERB	0-127
94	DELAY	0-127
96	AMP SUSTAIN	0-127
97	AMP RELEASE	0-127
105	OSC1 Variant Toggle	0=STD,1=ALT
106	OSC2 Variant Toggle	0=STD,1=ALT
111	OSC2 RING	0=OFF,127=ON
112	OSC2 SYNC	0=OFF,127=ON
113	MIXER OSC TYPE	0=2Oct,127=1Oct
114	MIXER NOISE TYPE	0=Pink,127=White
115	FILTER TYPE	0=24db,127=12db
116	LEGATO	0=OFF,127=ON
117	LFO KEY TRIGGER	0=OFF,127=ON
118	TEMPO SYNC	0=OFF,127=ON
119	MONO	0=MONO, 64=Uni, 127=Poly