

**YAMAHA**

**PROGRAM TABLE**

**DIGITAL  
MULTI-EFFECT  
PROCESSOR**

**SPX90**



NOTE 

PARAMETER
PRESET VALUE
RANGE

MEM. No.	PROGRAM NAME	TYPE	PARAMETERS								BALANCE			
			1	2	3	4	5	6	7	8	9	BALANCE	OUT LVL	
16	GATE REVERB	E/R2	TYPE	ROOM SIZE	LIVENESS	DELAY	LPF	--	--	--	--	100%	100%	
			RANDOM	2.0	5	20.0ms	6.3kHz	--	--	--	--	--	(0 - 100%)	(0 - 100%)
			HALL/RANDOM REVERSE/PLATE	0.1 - 20.0	0 - 10	0.1 - 400.0ms	1.0kHz - 11kHz, THRU	--	--	--	--	--	--	--
17	REVERSE GATE	E/R2	TYPE	ROOM SIZE	LIVENESS	DELAY	LPF	--	--	--	--	100%	100%	
			REVERSE	3.3	5	29.0ms	THRU	--	--	--	--	--	(0 - 100%)	(0 - 100%)
			HALL/RANDOM REVERSE/PLATE	0.1 - 20.0	0 - 10	0.1 - 400.0ms	1.0kHz - 11kHz, THRU	--	--	--	--	--	--	--
18	ADR-NOISE GATE	GATE	TRG. LEVEL	TRG. DLY	TRG. MSK	ATTACK	DECAY	DECAY LVL	HOLD	RELEASE	MIDI TRG.	100%	100%	
			65	-7ms	5ms	5ms	5ms	100%	90ms	5ms	OFF	--	(0 - 100%)	(0 - 100%)
			1 - 100	100 - 100ms	5 - 32000ms	5 - 32000ms	5 - 32000ms	0 - 100%	1 - 30000ms	5 - 32000ms	OFF/ON	--	--	--
19	COMPRESSOR	GATE	TRG. LEVEL	TRG. DLY	TRG. MSK	ATTACK	HOLD	HOLD LEVEL	RELEASE	MIDI TRG.	--	100%	100%	
			89	-25ms	420ms	22ms	28ms	1%	525ms	OFF	--	--	(0 - 100%)	(0 - 100%)
			1 - 100	100 - 100ms	5 - 32000ms	5 - 32000ms	1 - 30000ms	0 - 100%	5 - 32000ms	OFF/ON	--	--	--	--
20	REVERB & GATE	R & G	REV TIME	HIGH	DELAY	HPF	LPF	TRG. LEVEL	HOLD	RELEASE	MIDI TRG.	100%	100%	
			2.0s	0.6	10.0ms	THRU	THRU	65	150ms	5ms	OFF	--	(0 - 100%)	(0 - 100%)
			0.3 - 99.0s	0.1 - 1.0	0.1 - 50.0ms	THRU, 32Hz - 1.0kHz	1.0kHz - 11kHz, THRU	1 - 100	1 - 30000ms	5 - 32000ms	OFF/ON	--	--	--
21	PITCH CHANGE A	PITCH	PITCH	FINE	DELAY	F.B GAIN	BASE KEY	--	--	--	--	100%	100%	
			0	0	0.1ms	0%	C3	--	--	--	--	--	(0 - 100%)	(0 - 100%)
			-12 - 12	-100 - 100	0.1 - 400.0ms	0 - 99%	OFF, C1 - C6	--	--	--	--	--	--	--
22	PITCH CHANGE B	PITCH	1 PITCH	1 FINE	1 DLY	2 PITCH	2 FINE	--	--	--	--	100%	100%	
			0	8	0.1ms	0	-8	20.0ms	--	--	--	--	(0 - 100%)	(0 - 100%)
			-12 - 12	-100 - 100	0.1 - 400.0ms	-12 - 12	-100 - 100	0.1 - 400.0ms	--	--	--	--	--	--
23	PITCH CHANGE C	PITCH	L PITCH	L FINE	L DLY	R PITCH	R FINE	--	--	--	--	100%	100%	
			0	8	0.1ms	0	-8	0.1ms	--	--	--	--	(0 - 100%)	(0 - 100%)
			-12 - 12	-100 - 100	0.1 - 200.0ms	-12 - 12	-100 - 100	0.1 - 200.0ms	--	--	--	--	--	--
24	PITCH CHANGE D	PITCH	PITCH	FINE	DELAY	F.B GAIN	BASE KEY	--	--	--	--	100%	100%	
			0	0	0.1ms	0%	C3	--	--	--	--	--	(0 - 100%)	(0 - 100%)
			-12 - 12	-100 - 100	0.1 - 400.0ms	0 - 99%	OFF, C1 - C6	--	--	--	--	--	--	--
25	FREEZE A	FREEZE	REC MODE	TRG. DLY	RECORD	OVER DUB	PLAY	START	END	INPUT TRG.	--	100%	100%	
			AUTO	-5ms	--	--	--	0	500	OFF	--	--	(0 - 100%)	(0 - 100%)
			MANUAL/AUTO	500 - 500ms	--	--	--	0 - 500	0 - 500	OFF/ON	--	--	--	--
26	FREEZE B	FREEZE	REC MODE	TRG. DLY	RECORD	OVER DUB	PLAY	PITCH	FINE	BASE KEY	--	100%	100%	
			MANUAL	-50ms	--	--	--	0	0	C3	--	--	(0 - 100%)	(0 - 100%)
			MANUAL/AUTO	500 - 500	--	--	--	-12 - 12	-100 - 100	OFF, C1 - C6	--	--	--	--
27	AUTO PAN	PAN	PAN SPEED	DIRECTION	DEPTH	--	--	--	--	--	--	100%	100%	
			0.7Hz	L-R	75%	--	--	--	--	--	--	--	(0 - 100%)	(0 - 100%)
			0.1 - 20.0Hz	L-R/L-R, L-R	0 - 100%	--	--	--	--	--	--	--	--	--
28	TRIGGERED PAN	PAN	TRG. LEVEL	TRG. DLY	TRG. MSK	ATTACK	PANNING	RELEASE	DIRECTION	L/R BALANCE	MIDI TRG.	100%	100%	
			65	-10ms	1000ms	22ms	525ms	840ms	L-R	30%	OFF	--	(0 - 100%)	(0 - 100%)
			1 - 100	100 - 100ms	5 - 32000ms	5 - 32000ms	5 - 32000ms	5 - 32000ms	L-R, L-R	0 - 100%	OFF/ON	--	--	--
29	DELAY VIBRATO	VIB	TRG. LEVEL	VIB DLY	VIB RISE	VIB FRQ	VIB DEPTH	MIDI TRG.	--	--	--	100%	100%	
			100	400ms	1400ms	7.0Hz	40%	ON	--	--	--	--	(0 - 100%)	(0 - 100%)
			1 - 100	1 - 30000ms	5 - 32000ms	0.1 - 20.0Hz	0 - 100%	OFF/ON	--	--	--	--	--	--
30	PARAMETRIC EQ.	PEQ	HPF	MID FRQ	MID GAIN	MID Q	HI FRQ	HI GAIN	HI Q	LPF	DLY	100%	100%	
			THRU	500Hz	0dB	1.0	2.0kHz	0dB	1.0	THRU	0.1ms	--	(0 - 100%)	(0 - 100%)
			THRU, 32Hz - 1.0kHz	315Hz - 4.0kHz	-15 - 15dB	0.5 - 5.0	800Hz - 8.0kHz	-15 - 15dB	0.5 - 5.0	1.0kHz - 11kHz, THRU	0.1 - 400.0ms	--	--	--









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