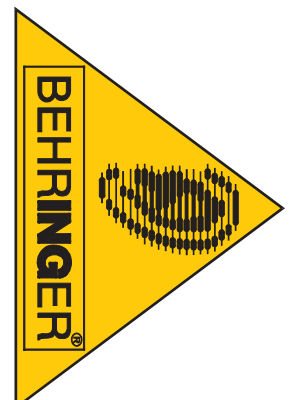


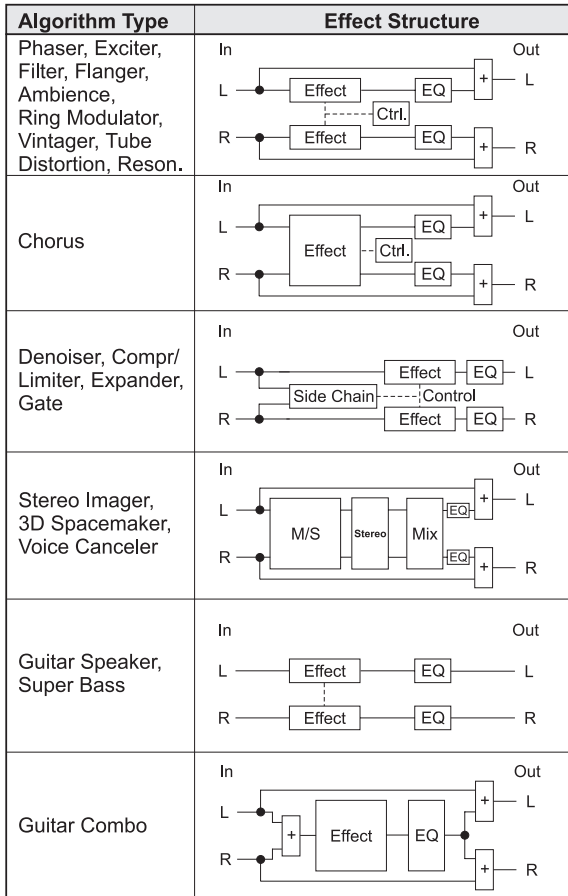
Presets (Factory Settings)

No.	Name	Preset	Var.	Edit A	Edit B	Edit C	Edit D	EO-LO	EO-HI	Mix
1	Space Phaser	2	50	8	90	110	nF	2	0	70
2	Mr. Excite	3	115	95	90	nF	nF	2	2	25
3	Auto Bandpass	6	L2	16	74	127	95	5	0	75
4	Speaker I	22	3	80	20	80	68	8	0	100
5	Jet Flanger	7	40	5	75	80	127	3	0	75
6	Vintager I	19	79	106	81	87	75	0	3	100
7	Ultra Chorus I	9	36	19	95	127	127	0	-3	75
8	Stereo Imager I	10	38	5	44	0	0	0	0	67
9	Compressor I	15	8	-30	13	2	90	0	0	nF
10	Ambience I	13	10	90	0	90	15	2	0	100
11	Bass II	23	30	50	0	40	nF	6	3	nF
12	Speech Coder	18	E	0	20	70	50	0	2	100
13	High Resonance Phasing	5	L2	20	110	127	40	16	16	80
14	Auto Bass Mute Effect	5	L1	0	105	127	85	6	6	100
15	Guitar Phaser	1	71	8	100	102	nF	0	6	70
16	Guitar Chorus	9	25	65	127	107	110	6	6	50
17	Guitar Combo I	21	3	127	127	60	1	3	-1	100
18	Guitar Combo II	21	2	127	60	50	2	3	-1	100
19	Guitar Combo III	21	1	127	127	90	1	2	0	100
20	Mr. Tube	20	3	127	127	50	127	-2	3	100
21	Phaser I	1	51	6	100	127	nF	2	0	70
22	Exciter I	3	70	65	60	nF	nF	0	0	25
23	Auto High Pass	5	L1	20	127	127	50	0	0	80
24	Special Jet Flanger	8	50	25	127	-50	70	4	3	75
25	Ultra Chorus II	9	20	10	60	127	127	0	0	70
26	Wooden Hall	13	77	8	55	0	12	3	-3	40
27	Ring I	18	L	64	64	64	0	0	0	25
28	Ring II	18	L	110	0	64	40	0	0	30
29	Resonator	24	L	30	64	64	20	0	0	50
30	Bass II	23	20	40	6	30	nF	0	0	nF
31	Resonator II	24	L	32	60	80	50	3	3	75
32	Spatial Phaser	2	74	8	80	90	nF	0	0	65
33	Jetstream Flanger	7	40	4	100	100	50	0	0	50
34	Spatial Flanger	8	60	8	127	100	95	0	0	50
35	Space Maker I	11	2	33	69	51	nF	0	0	51
36	Fat Funky Phaser	1	40	8	45	110	nF	3	3	100
37	Space Phaser	2	43	8	55	127	nF	3	3	100
38	Funky "Oi"-Phasing	2	127	4	50	127	nF	3	3	100
39	Chaos Phaser	2	127	8	23	127	nF	6	6	100
40	Spacy Trance Flanger I	7	60	6	115	100	50	6	6	50
41	Spacy Trance Flanger II	7	55	20	127	100	65	6	6	50
42	Sirene Flanger	7	42	22	97	96	25	6	6	65
43	Acid Flanger	7	111	40	127	98	15	6	6	50
44	Speed Up Flanger	7	64	128	127	98	0	6	6	50
45	Motorbike	8	40	60	75	100	14	6	6	50
46	3D Space Flanger	8	42	9	80	94	70	6	6	70
47	Low Filtered Wah	4	L2	46	80	67	114	16	16	100
48	Low Filtered Reso-Wah	4	L2	95	80	86	124	16	16	100
49	Percussion Peak	6	L2	127	60	38	38	6	6	70
50	Midband Wah	6	L2	65	75	66	80	12	12	75
51	Auto Midband Wah	6	A2	55	73	127	15	16	16	80
52	Chorus I	9	10	55	127	127	58	3	3	60
53	Chorus II	9	30	20	127	40	0	3	3	40
54	Chorus III	9	60	78	127	127	127	6	6	50
55	Stereo Imager II	10	100	50	127	0	0	3	3	60
56	Stereo Imager III	10	80	50	127	-100	100	3	3	60
57	Ambience II	13	110	119	0	127	3	3	3	40
58	Ambience III	13	30	30	10	110	15	3	3	40
59	Ambience IV	13	20	60	25	100	8	3	3	40
60	Gate	17	82	5	5	0	3	3	3	nF
61	Ring III	18	L	8	30	70	35	6	6	55
62	Ring IV	18	L	85	127	65	30	6	6	55
63	Ring V	18	E	65	60	68	0	6	6	55
64	Ring VI	18	R2	98	70	15	0	6	6	55
65	Ring VII	18	R7	39	70	15	58	6	6	55
66	Ring VIII	18	S1	50	54	76	67	6	6	10
67	Vintager II	19	90	90	20	70	40	3	3	60
68	Vintager III	19	100	107	77	88	50	3	3	60
69	Tube I	20	1	110	0	30	0	3	3	25
70	Tube II	20	3	120	0	20	0	3	3	25
71	Tube III	20	3	127	127	60	90	3	3	25
72	Combo I	21	1	127	90	90	1	3	3	100
73	Combo II	21	2	100	40	38	2	3	3	100
74	Combo III	21	3	110	110	120	0	3	3	35
75	Combo IV	21	3	80	65	80	2	3	3	50
76	Speaker II	22	3	100	100	120	80	3	3	70
77	Speaker III	22	3	103	60	70	8	3	3	70
78	Speaker IV	22	1	127	10	60	70	3	3	70
79	Bass III	23	0	50	0	80	nF	6	3	nF
80	Resonator III	24	L	50	50	127	90	3	3	50
81	Resonator IV	24	L	106	120	110	90	3	3	50
82	Resonator V	24	L	80	95	70	70	3	3	50
83	Resonator VI	24	E	80	95	70	70	3	3	50
84	Resonator VII	24	E	30	110	60	30	3	3	50
85	Resonator VIII	24	E	64	120	4	94	3	3	50
86	Resonator IX	24	E	1	75	36	-72	3	3	50
87	Compressor II	15	6	-44	14	0	90	0	0	nF
88	Denoyer	12	20	40	88	90	64	4	0	nF
89	Ambience V	13	30	30	50	80	15	4	0	100
90	Ambience VI	13	30	0	50	80	15	4	0	100
91	Ambience VII	13	15	64	0	90	10	2	0	100
92	Stereo Imager IV	10	70	-10	127	0	10	0	0	60
93	Space Maker II	11	2	20	90	90	nF	0	2	60
94	Space Maker III	11	2	30	127	80	nF	0	2	75
95	Voice Canceler	14	40	60	0	0	nF	8	0	30
96	Vintager IV	19	98	119	80	92	60	-2	-6	75
97	Vintager V	19	110	127	74	64	0	0	0	50
98	Bright Bass	23	75	64	4	90	nF	0	0	nF
99	Sub Bass	23	0	70	3	127	nF	0	0	nF
100	Tube IV	20	2	127	80	10	66	3	-2	100

DSP1200P MODULIZER[®] PRO



Effect Algorithms



No.	EFFECT	VARIATION	Edit A	Edit B	Edit C	Edit D
1	Ultra Phaser	LFO Speed *	Intensity	Depth	Feedback	
2	Spatial Phaser	LFO Speed *	Intensity	Depth	Feedback	
3	Harmonic Exciter	HF Shape	Tune	Harmonics		
4	Auto Lowpass	Mode (LFO, Auto 12/24 dB)	Frequency	Resonance	Mod. Depth	Env. / LFO Speed *
5	Auto Highpass	Mode (LFO, Auto 12/24 dB)	Frequency	Resonance	Mod. Depth	Env. / LFO Speed *
6	Auto Bandpass	Mode (LFO, Auto 12/24 dB)	Frequency	Resonance	Mod. Depth	Env. / LFO Speed *
7	Jetstream Flanger	LFO Speed *	Delay	Depth	Feedback	Band Limit
8	Spatial Flanger	LFO Speed *	Delay	Depth	Feedback	Band Limit
9	Ultra Chorus	LFO Speed	Delay	Depth	Stereo Width	Wideness
10	Stereo Imager	Xover Freq.	Gain	Spread	Mono Pan.	St. Center
11	3D Space Maker	In / Out	Gain	Spread	Xover Freq.	
12	Denoiser	Gate Thresh.	Gate Hold	Gate Rel.	LP Freq.	LP Depth
13	Ultra Ambience	Pre Delay	Size	Wall Damp	Stereo Width	Reflections
14	Voice Canceller	Bass Freq.	Gain	Bass Pan.	Treble Pan.	
15	Comp./Limiter	Ratio	Threshold	Out Gain	Attack	Release
16	Expander	Ratio	Threshold	Out Gain	Attack	Release
17	Noise Gate	Threshold	Hold	Range	Attack	Release
18	Ring Modulator	Mode (LFO, Auto, RND)	Carrier Freq.	LFO / Speed *	Mod. Depth	Band Limit
19	Vintager	Clicks Level	Noise Level	Noise BP.	Buzz Level	Signal BP.
20	Tube Distortion	Tube Type	In Gain	Low Cut	High Cut	Band Limit
21	Guitar Combo	Type	In Gain	Drive	Presence	Speaker
22	Guitar Speaker	Speaker Type	Peak Freq.	Peak Q	Peak Gain	HF Cut
23	Super Bass	Frequency	Density	Ratio	Bass Level	
24	Resonator	Mode (LFO, Auto, RND)	Frequency	LFO / Speed *	Mod. Depth	Feedback

* User/controller defined fixed/start value when set to 0

No.	Effect	Variation Range	Edit A Range	Edit B Range	Edit C Range	Edit D Range	Mix Range
1	Ultra Phaser	0..127 *	1..8	0..127	0..127	-	0..100
2	Spatial Phaser	0..127 *	1..8	0..127	0..127	-	0..100
3	Harmonic Exciter	0..127	0..127	0..127	-	-	0..25 1.)
4	Auto Lowpass	L1, L2, A1, A2	0..127	0..127	0..127	0..127 *	0..100
5	Auto Highpass	L1, L2, A1, A2	0..127	0..127	0..127	0..127 *	0..100
6	Auto Bandpass	L1, L2, A1, A2	0..127	0..127	0..127	0..127 *	0..100
7	Jetstream Flanger	0..127 *	1..128	0..127	-100..+100	0..127	0..100
8	Spatial Flanger	0..127 *	1..128	0..127	-100..+100	0..127	0..100
9	Ultra Chorus	0..127	1..128	0..127	0..127	0..127	0..100
10	Stereo Imager	0..127	-60..+60	0..127	-100..+100	-100..+100	0..100 2.)
11	3D Space Maker	1,2	-60..+60	0..127	0..127	-	0..100 2.)
12	Denoiser	0..127	0..127	0..127	0..127	0..127	-
13	Ultra Ambience	0..127	0..127	0..127	0..127	1..15	0..100
14	Voice Canceller	0..127	-60..+60	-100..+100	-100..+100	-	0..100 2.)
15	Comp./Limiter	0..24	-60..+0	-24 ..+24	0..127	0..127	-
16	Expander	0..24	-60..+0	-24 ..+24	0..127	0..127	-
17	Noise Gate	0..127	0..127	0..127	0..127	0..127	-
18	Ring Modulator	L,E,R0..7,S0..7	0..127	0..127 *	0..127	0..127	0..100
19	Vintager	0..127	0..127	0..127	0..127	0..127	0..100
20	Tube Distortion	1,2,3	0..127	0..127	0..127	0..127	0..100
21	Guitar Combo	1..3	0..127	0..127	0..127	0,1,2	0..100
22	Guitar Speaker	1,2,3	0..127	1.0..10.0	-12.0..+12.0	0..127	0..100
23	Super Bass	0..127	0..127	0.6	0..127	-	-
24	Resonator	L, E, R0..7	0..127	0..127*	0..127	-100..+100	0..100

MIDI

MIDI Implementation Chart				
Function	Transmitted	Recognized	Remarks	
Basic	Default	OFF, 1 - 16	OFF, 1 - 16	memorized
Channel	Changed	OFF, 1 - 16	OFF, 1 - 16	
Mode	Default	1,2,3,4	1,2,3,4	
	Messages	X	X	
	Altered	X	X	
Note Number		X	X	
	True Voice	X	X	
Velocity	Note ON	X	X	
	Note OFF	X	X	
After Touch	Key's	X	X	
	Ch's	X	X	
Pitch Bender		X	X	
Control	O 50 - 62	O 50 - 62	see add. Table	
Progr. Change	O (0-99)	O (0-99)		
	True #	1-100	1-100	
System Exclusive		X		
System Common	Song Pos	X	X	
	Song Sel	X	X	
	Tune	X	X	
System Real Time	Clock	X	X	
	Commands	X	X	
Aux Messages	Local ON/OFF	X	X	
	All notes OFF	X	X	
	Active Sense	X	X	
	Reset	X	X	

O = YES, X = NO
 Mode 1: OMNI ON, POLY
 Mode 2: OMNI ON, MONO
 Mode 3: OMNI OFF, POLY
 Mode 4: OMNI OFF, MONO

Parameter Name	Display Range	Midi-Controller	Controller Range	LEDs
Effect	1..24	50	0..23	
Variation	dep. on effect*	51	0..xxx	
Edit A	"	52	"	
Edit B	"	53	"	
Edit C	"	54	"	
Edit D	"	55	"	
Modulation Controller	0..127	56	0..127	
EQ Low	-16..16	57	0..32	
EQ High	-16..16	58	0..32	
Mix	0..100	59	0..100	
Store	1..100	60	0..99	
In/Out		61	0=Out, 1=In	1 0
External/Internal Mix	--/(Mix) "--=Ext	62	0=Ext, 1= Int	

* nF = no function