

Chapter 2

Programs, Setups, and Keymaps

K2500 Program List

The 200 preset programs in the K2500 are organized by instrument category. You will find a few representatives of each instrument sampled for the base ROM soundset, as well as synthesized instrument emulations, commonly used synthesizer timbres, and templates for new programming. We hope you find it a good starting point for your own work.

There are many ways to put expressivity and variety in a single program by assigning MIDI controllers to the various DSP functions in its layers. This list describes how each of the 200 factory preset programs can be modulated or altered by the various MIDI controls. Only those controls which may not be immediately evident are listed. Controls such as attack velocity and keynumber are understood to be assigned to most programs.

Prg #	Program Name	Mod Wheel	Data	MPress	Comments
KEYBOARDS					
1	Acoustic Piano				Soft Ped.
2	Stage Piano				Soft Ped.
3	BriteGrand				Soft Ped.
4	ClassicPiano&Vox	Choir Balance			Soft Ped.
5	Ballad Pno&Str	Strings Balance			Soft Ped.
6	Rock Piano 1				
7	Honky-Tonk	Tremolo			
8	E Grand & Pad	Pad Balance			
9	Classic E Piano				Soft Ped.
10	Dyno E Piano	Tremolo			
11	E Piano PF				
12	Suitcase E Pno	Vibrato Depth	Vibrato Rate		
13	Brite Klav	Layer Balance	8vb		
14	Match Stick	Vibrato		Vibrato, W/D Mix	
COMPING SYNTHS					
15	Big PWM	Vibrato	Filter & Env Ctl	Vibrato	
16	Matrix 12	Vibrato	Filter & Env Ctl	Vibrato	
17	OBX Braz 4	Vibrato	Filter & Env Ctl	Vibrato	
18	Memorymoog 4	Vibrato	Filter & Env Ctl	Vibrato	
19	Prophet Pulse 2	Vibrato	Filter & Env Ctl	Vibrato	
20	Prophet Square 2	Vibrato	Filter & Env Ctl	Vibrato	

Programs, Setups, and Keymaps

K2500 Program List

Prg #	Program Name	Mod Wheel	Data	MPress	Comments
21	New Shaper	Vibrato	Env Ctl	Vibrato	
22	Klicomp tree	Vibrato, Filter Env	Detune, Env Ctl	Vibrato, Filter Env	
23	Digicomp	Vibrato	Env Ctl	Vibrato	
24	Da Clav		Env Ctl		
25	Simpilton	Vibrato	Env Ctl	Vibrato, Filter Ctl	
26	Synth Caliope	Vibrato	Env Ctl		
27	Chiffloots	Vibrato	Chiff Pitch	Vibrato	
28	Bamboo Voices	Vibrato	Alt Atk	Vibrato	
29	Hyper Guitar	Dly Vib		Dly Vib	
30	Dreamers	Tremolo		Tremolo	
31	Pluxichord	Env Ctl			
LEAD SYNTHS					
32	Fluty Lead	Vibrato		Vibrato	
33	Gooshy Lead	Distance	W/D Mix		
34	Orient Wind	Vibrato	W/D Mix	Vibrato, Filter Ctl	
35	DC Lead	Vibrato	Timbre Ctl	Vibrato	
36	Duke's lead	Vibrato	W/D Mix, Filter	Vibrato	
37	FM Harmonica	Vibrato		Tremolo	
38	Mini Lead Poly	Vibrato	Pitch	Vibrato	
39	AlaZawi	Timbre Ctl	Filter, Resonance	Vibrato	
40	JR's Lead	Vibrato	Timbre Ctl	Feedback	
41	Funky Lead	Vibrato	W/D Mix	Vibrato	
42	Hammeron Synth	Filter 1		Filter 2	
43	Synthitar Lead	Vibrato	W/D Mix	Vibrato	
44	Modular Lead	Vibrato	8 ve's	Vibrato	
45	Prophet Sync	Vibrato	Slave Osc Pitch		
46	Brt Saxy Lead	Vibrato	W/D Mix	Vibrato	
47	Don Corllione'	Vibrato		Vibrato	
DRUMS					
48	Studio Kit 1		W/D Mix		
49	Studio Kit 2 MW	Alt Atk	W/D Mix		
50	2 Live Kits MW	Alt Kit	W/D Mix		
51	Rock Kit	Alt Toms	W/D Mix		
52	Jazz Kit	Alt Atk	W/D Mix		Att Vel controls Hi Hat's decay
53	Reggae Kit		W/D Mix		Att Vel controls Hi Hat's decay
54	Light Kit		W/D Mix		

Prg #	Program Name	Mod Wheel	Data	MPress	Comments
55	Garage Kit MW	Alt Kit	W/D Mix		Att Vel controls Hi Hat's decay
56	Techno Kit	Alt Kick	W/D Mix(Flange)		
57	General MIDI Kit		W/D Mix		
58	Slam'n Drums		W/D Mix(Flange)		
59	Perc Section MW	Add Cowbell, Shaker	W/D Mix		
60	Industry Set	Resonance (A#4-C5)		Resonance (A#4-C5)	
61	Techno Loops	Loop Tempo	Loop Tempo		
62	Rhythmic	Disable Multilayer	Rhythm Tempo		
PERCUSSION					
63	Dualimba	Vibrato	Amp	Vibrato	
64	TouchDrums	Vibrato	Amp	Vibrato, Pitch	
65	Hand Drums		W/D Mix, Pitch Envelope		
66	Dynamic Perc	Heartbeat (C2) Filter	W/D Mix, Heartrate (C2)		Mod Wheel Engages Non-tracking Congas
67	Mark Tree		W/D Mix, Env Ctl		
68	Bell Player	Vibrato		Vibrato	
69	Marimba	EQ Amp			
70	Excited Marimba	Alt Atk			
BASSES					
71	Dual E Bass	Vibrato		Vibrato	
72	Warm Bass	Vibrato		Vibrato	
73	Sustain E Bass	Vibrato		Vibrato	
74	Ripper Bass	Vibrato		Vibrato	
75	Yama Bass		Layer Balance		
76	Synth Fretless	Vibrato		Vibrato	
77	Fretless Lead	Vibrato		Vibrato	
78	Moogy Bass 1	Vibrato	Filter	Vibrato	
79	Moogy Bass 2	Filter Depth	Resonance Depth	Vibrato	
80	Mix Bass	Filter Depth	Layer balance		
81	Tite Rave Bass	W/D Mix	Filter, Depth		
82	Synth Bass	Filter Ctl			
83	House Bass	Vibrato	Filter	Vibrato	
GUITARS					
84	Acoustic Guitar				SoftPd
85	Steel Str Guitar	Vibrato	EQ	Vibrato	

Programs, Setups, and Keymaps

K2500 Program List

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86	12-str Guitar		EQ		SoftPd
87	Strummer Guitar	Vibrato	EQ	Vibrato	
88	Slo Chorus Gtr	Tremolo	EQ		
89	Captain Crunch	Vibrato	Filter , W/D Mix	Vibrato	PBend goes +2 and -12ST
90	Smooth Lead		Shaper, W/D Mix	Feedback	
91	Dist Harmonics	Tremolo		W/D Mix	
92	Kotolin	EQ		Vibrato	
93	Cee Tuar	Vibrato	Alt Sound	Vibrato	
94	Green Acres				
ORGANS					
95	Perc Organ 2500	Rotary Speaker	Perc Balance		
96	Ballad Organ 2	Rotary Speaker			
97	Gospel Organ	Rotary Speaker	Perc Balance		
98	Drive Organ	Rotary Speaker	Distortion Ctl		
99	Rotating B's & M's	Rotary Speaker			
100	Cheeze	Vibrato Depth	Env Ctl	Vibrato Depth	
101	Tamborgan	Vibrato	Perc Pitch	Vibrato	
102	Organ Pad	Tremolo			
103	Chiffy Pipes	Decrescendo			
104	Offertory	Layer Balance			
105	Pedal Pipes	Decrescendo			
106	Church Organ	Vibrato	Layer Balance	Vibrato	Velocity Sensitive
107	Resorgan	Dynamics			Sost Pdl Does Release Ctl
STRINGS/CHOIR					
108	Fast Strings	Filter			
109	Att ctl Fast Str	Filter			For Fast Solo Lines& Active Comping
110	Att ctl Med Str	Env Ctl			For Med or Slow (MW) Solo Lines
111	SfzTrem Strings				Sfz Envelope Triggered by Increased Att Vel
112	ClassicalStrings			Vibrato Depth	For Light, Active Comping
113	SloClassical Str	Decrescendo			For Chordal Comping
114	Silk Strings	Decrescendo	W/D Mix	Vibrato Depth	For Chordal Comping
115	Fast Violin			Vibrato Depth	
116	Slo Solo Cello	Quick Fade	W/D Mix	Vibrato Depth	
117	Stereo Slo Str	Filter			Velocity Controls Timbre Shift

Prg #	Program Name	Mod Wheel	Data	MPress	Comments
118	Cathedral Choir	Decrescendo			Att Ctl Allows Smooth Voice Leading in 4-Part Playing
119	Mixed Choir	Layer Balance			
120	The Choir	Vibrato	Release Env	Vibrato	
WINDS					
121	Wendy's Flute				Higher Att Vel = Less Tremolo
122	Treble Flute				
123	Baroque Flute				
124	Soft Tenor Sax		W/D Mix	Vibrato, Filter	
125	Fast Solo Tenor	EQ		Vibrato	For Fast Legato Lines
BRASS					
126	Dynamic Trumpet	Swell	W/D Mix	Vibrato	
127	Miles Unmuted	Vibrato	Timbre Ctl	Vibrato	
128	Strght Mute Trpt	Vibrato Defeat	W/D Mix	Vibrato Rate	
129	Almost Muted	Vibrato, Amp	Timbre Ctl	Vibrato	
130	Solo Trombone		W/D Mix	Vibrato Depth	
131	Sfz Bone				
ENSEMBLES					
132	Trumpet Section			Swell	
133	Hip Brass	Vibrato	W/D Mix	Swell	
134	Brt Miami Brass	Bright Swell			
135	Orchestral Brass			Swell	
136	Sax Section	Swell	W/D Mix	Swell	Sfz Envelope
137	Dyn Big Band	Softer		Swell	Sfz Envelope
138	Flute & Slo Str	Solo String Swell		Vibrato Depth	SostPd disables Solo Str. Release Velocity Controls Strings Release
139	Horn&Flute w/ Str	Strings Balance			Rel. Velocity Controls Strings Rel.
140	DynamicOrchestra	Light playing engages a horn, flute & string ensemble. SostPed holds a chord and engages an ensemble suited to solo lines. At forte, bigger brass is enabled, with pressure controlling a swell.			
141	Touch Orchestra	Mod wheel replaces RH trumpets with solo flute. Each Velocity level brings in a new instrument: At forte, horns are doubled; at double forte, kettle drums play; at <i>fff</i> , crash cymbal plays.			
142	Slo Ensemble	Synstring Res	Synstring Filter	Vibrato Depth	

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Prg #	Program Name	Mod Wheel	Data	MPress	Comments
143	W Tell Orchestra	Swell		Swell	For Active Marcato Comping SostPD Latches and Disables Brass
144	Jazz Band				LH Bass layered with ride for walking rhythm section. Data slider switches from guitar to horn section; SostPed holds brass and adds solo Tenor. Throw the ModWhl for drum solo.
145	Rock Quartet				LH Bass layered with hihat for driving rhythm section. At forte, kick, snare, and rhythm guitar are added. Mod wheel does rotary speakers for the organ.
HYBRID SYNTHS					
146	Gargantuanism	Vibrato	Layer Balance	Vibrato	SostPd Disables Strings
147	Tranquil Pluck	Vibrato	Release Ctl	Vibrato	
148	The Chase	Vibrato	W/D Mix	Vibrato	
149	Enterprize	Tremolo	Bell Pitch	Tremolo	
150	Magic Orchestra		Piano Balance		SostPd Disables Cymbal
151	Passion Source	Detune		Detune, Swell	
152	Microwave	Vibrato	Release Ctl	Vibrato	
153	Fuzz Lite	Vibrato	Release Ctl	Vibrato	
154	Solina Phaze	Vibrato	Phaser Rate	Vibrato	
155	Arystal		Layer Balance		
156	Timershift	Vibrato	Release Ctl	Vibrato	
157	Aurora	Mod Speed	W/D Mix		
158	Gongers	Vibrato	Pitch, W/D Mix	Vibrato	
159	Arrakis Grand	Vibrato Depth	Detune	Vibrato Depth	
160	Sisternal	Vibrato	Release Ctl	Vibrato	
161	PPG 4	Vibrato	W/D mix, Env Ctl	Vibrato	
162	Pseudomento MW	Pseudomento Rate			
163	Big Strings	Vibrato		Vibrato	
164	Spaced	Dly Sweep	Mod Rate		
165	Digital Choir	Res Mod	Filter Ctl		
166	Meditation Pad	Res Mod	Filter Ctl	Vibrato	Move data slider from top to bottom and throw the MW for best resonance effect.
167	The Cymbal Sings	Vibrato		Filter	
168	Slo FlangeStrngs	Flange Rate			Template: Using allpass to cre- ate flanging within a layer

Prg #	Program Name	Mod Wheel	Data	MPress	Comments
169	Lushlife				
170	Crystal too	Vibrato	Sine Wave Pitch	Vibrato	
171	Multi Marimba	Vibrato	Delay Time	Vibrato	
172	Wave Power	Vibrato		Vibrato	
173	Noo Mutes	Pitch Effect	Filter Ctl, W/D Mix		
174	Hammer Violin	Pitch Effect	Env Ctl, W/D Mix	Vibrato	
175	Mallet Flutes	Chiff Pitch	W/D Mix		
176	Malletoo	Pitch Mod Depth	Pitch Mod Rate		
177	Ethereal Echoes	Disable Bell			
PAD SYNTHS					
178	Padifier	Vibrato	Filter	Vibrato	
179	Spaced Inn	Vibrato		Vibrato	
180	Glass Bow	Vibrato	Env Ctl	Vibrato	
181	Angel Pass				
182	In the Air	Vibrato	Filter Ctl	Vibrato	
183	Matrix Mellostr	Vibrato	Env Ctl	Vibrato	
184	Ethereal Strings	Filter Sweep		Filter	
185	Dawning	Sweep Fade			
186	Synth Strings				
187	Choir Fixer	Vibrato, Pan	W/D Mix	Vibrato	
188	Shine On	Vibrato	Filter Ctl	Vibrato	
189	ChoirStrings				
190	Launch Pad	Timbre Ctl		Timbre Ctl	
EFFECTS SOUNDS					
191	cymbal thing				
192	a no way CS	Mod Depth	Mod Rate		
193	Environments				
194	Gremlin Group	Timbre Ctl, Env Ctl	Vibrato>Pitch, Resonance		
195	Thunder Storm				Play Sparse Staccato Notes in LH for Thunder. RH is Rain
196	Northern Winds			Pan Rate, Filter	
197	Doomsday	Pitch			
UTILITY					
198	Click				Assigned to output group B (dry)
199	Default Program				Used in New Lyr, Sample audition, and Preview Program

Setup List

The Performance Setup, or "Setup" is a combination of up to eight zones, each with independent MIDI channel and controller transmission assignments. Setups can be played on a K2500R via the Local Keyboard Channel feature: Find this parameter in MIDI mode on the RECV page, change it from None to a channel of your choice, and set your controller to send on only that channel. Now, any note that comes in on that channel will be re-mapped according to the display channel (in program mode) and according to the Setup (in Setup mode).

Below is a list of the Setups provided with V2 software; there are detailed descriptions on the pages that follow.

ID#	NAME	ID#	NAME	ID#	NAME
1	Sahara Touch	35	F1 Perc Comper	69	Digi Ensemble
2	Ethereal Split	36	Multi Chords	70	Pluck Stack
3	Slo Orchestra	37	3-Sec Talk sldrs	71	Quillmeister
4	Whirligig	38	FM Slider Play	72	Organ Select
5	Modern Harpsichord	39	E Grnd Pad	73	Perc Stack 2
6	Kogs & Things	40	BalladCompSplit	74	Action Scene
7	Desert Soil	41	Maggie May	75	Rusty Teeth
8	Mellow BigBand	42	EPnoPad rbnvel	76	Split Stack
9	Fusion Split	43	Dukes Up	77	Pulse Brass
10	Touch Rock Band	44	F1 Latin Comper	78	Majesty
11	Plucksynths	45	Floyd's Echo	79	Classy Orch
12	Big Pad RbnVel	46	Poly Portem	80	Motion Pad
13	Cembellophone	47	C2 and Lead	81	Wiry Comp 3-Sec
14	MidEast Drone	48	PowerLead	82	GrimlyFiendish
15	Ribbon Thunder	49	Big Synbrass	83	Hold & Tap
16	Press Roll Orch	50	WahPedZawiSplit	84	LayeredSnare Kit
17	C7 F7 G7 Groove	51	Clav EP Organ	85	C#2 Jam
18	Folk Comper	52	Toxic Cheese	86	PassionPad
19	Extra Perc Drums	53	Floyd Wheel	87	Fusioner
20	Chiffer Lead	54	Under Water	88	Duo
21	Slider Play 1	55	Lullaby	89	A2 Foot Drummer
22	Mist Strings	56	Alazawilude	90	Aqua Choir
23	New Pulsar	57	Three Leads	91	Massy Orch
24	It's Coming	58	News Room	92	Mechanical Mike
25	Summer Snows	59	Aqua Ribbon	93	Haunted House
26	OrchScape	60	New Age Organ	94	All Alone 3
27	Threeway Xfade	61	Drum Arps	95	Witchcraft
28	Royal Dyn Brass	62	Perc Stack	96	Fallout
29	Fairlite Stack	63	3-Sec E Pno	97	Control Setup
30	Mr. Wiz	64	Touch Stick	98	Clear Setup
31	New Dawn	65	Ballad Comp	99	Default Setup
32	Sudden Horrors	66	Dual Synth		
33	Cisco Kid	67	C2 Jam		
34	ToyBuphone	68	Hertz		

Version 2 Setups with Controller Assignments

To take advantage of Version 2's eight zone setup capability, there are 100 new setups in the Version 2 Factory Objects. You will find unique internal program combinations, arpeggiator examples, special ribbon and controller functions, and templates for user created setups. With as many as 24 assignable controllers shared among 8 independent zones, K2500 MIDI setups can be quite powerful, and they require some experimentation to find all their features and nuances. In order to make this process easier, many setups are programmed according to the certain conventions. The sliders generally provide mixing capabilities either as group faders or individual zone faders. They also provide control over timbre, effects mix, and clock tempo. Other conventions include:

Slider F: Arp Vel
Slider G: Wet/Dry mix
Slider H: Tempo
PSw 1: Arp Switch
PSw 2: Latch2
Footswitch 1: Sustain
Footswitch 2: Sostenuto
Footswitch 3: Soft Pedal
Large Ribbon: Aux Bend 1
Small Ribbon Press: Mono Pressure
Small Ribbon Pos: Aux Bend 2
Mod Wheel: Mod Wheel
MPress: MPress

MIDI notes can be triggered from many controllers including pedals, switches, sliders and the ribbons.

Special Purpose Setups

There are three special setups at the end of the bank:

- 97 **Control Setup** lets you define controller assignments in program mode. You can customize and select the Control Setup on the MIDI Xmit page.
- 98 **Clear Setup** is a template for creating your own control assignments from a clear palette.
- 99 **Default Setup** lets you create your own setups from our common settings. The NewZn parameter uses this setup as its template for creating new zones.

The complete list of controller assignments for the setups in Version 2 is on the following pages.

Programs, Setups, and Keymaps

Version 2 Setups with Controller Assignments

1	Sahara Touch	Sliders: A timbre, B-E zone faders; Psw: 1 arp sw, 2 mute group
2	Ethereal Split	Sliders: A port time for bass, B-E zone faders; Psw: 2 port sw for bass; FootSw: 1 sost & enables fretless bass, 2 enables drums
3	Slo Orchestra	Sliders: A-E zone faders; L Rib: cymbal roll; Press: cym roll vel
4	Whirligig	Sliders: A-F zone faders; L Rib: 1 aux bend, 2 pan, 3 pan
5	ModernHarpichord	Sliders: A-E zone faders
6	Kogs & Things	Sliders: A-E zone faders; Psw 2: group mute
7	Desert Soil	Sliders: A-C group faders, D timbre control, E detune; L Rib: pan
8	Mellow BigBand	Sliders: A-C zone faders
9	Fusion Split	Sliders: A-D zone faders
10	Touch Rock Band	Sliders: A-E group faders, F snare balance; Psw 2: group mute
11	Plucksynths	Sliders: A-F zone faders; L Rib: filter freq; Psw 2: group mute
12	Big Pad RbnVel	Sliders: A-C zone faders; L Rib: filter freq, pan, arp vel, & fx depth; Psw 2: group mute
13	Cembellophone	Sliders: A-E zone faders; L Rib: group mutes
14	Mideast Drone	Sliders: A-F group faders; L Rib: tempo
15	Ribbon Thunder	Sliders: A-C zone faders, D filter freq, H key vel for thunder; L Rib: thunder; ModWh timbral modulation
16	Press Roll Orch	Sliders: A-B zone faders; L Rib & MPress: arp vel for drum roll on keys G1 to F#2; Psw2: mute group
17	C7 F7 G7 Groove	Sliders: A-F group faders; FootSw: 1 crash cym, 2 ride cym; L Rib: pitch bend for bass; Psw: 1 arp latch, 2 panic
18	Folk Comper	Sliders: A zone fader, B group fader, C guitar timbre; Psw: 1 arp sw & zone mute, 2 latch2; L Rib: arp pan
19	Extra Perc Drums	Sliders: A-B group faders; Mod Wh: drum timbre
20	Chiffer Lead	Sliders: A-B group faders
21	Slider Play 1	Sliders: B velocity, C pitch bend, D pan, E expression; Slider A & L Rib: key num; Psw2: panic; FootSw2: latch2
22	Mist Strings	Sliders: A-C zone faders, D timbre, E pan
23	New Pulsar	Sliders: A-B group faders; Psw: 1 arp latch, 2 group mute
24	It's Coming	Sliders: A-D zone faders; FootSw1: arp latch
25	SummerSnows	Sliders: A-B group faders, C timbre; FootSw1: arp latch; L Rib: arp vel and pitch bend for bass
26	OrchScape	Psw: 1 group mute, 2 group mute
27	Threeway XFade	Slider A & L Rib: three way crossfade; Mod Wh: strings balance
28	Royal Dyn Brass	Sliders: A-B group faders, C release time
29	Fairlite Stack	Sliders: A-C group faders, D filter sweep, E key num, F key vel; Psw2: panic
30	Mr. Wiz	Sliders: A-B group faders; FootSw2: latch2; Mod Wh & L Rib: filter sweep
31	New Dawn	Sliders: A pad fade, B balance for pad and timbral modulation; L Rib: pad pan and pitch bend
32	Sudden Horrors	Sliders: A-C zone faders; L Rib: pitch bend and pan
33	Cisco Kid	Sliders: A-C group faders, Psw2: group mute; FootSw1: arp latch; L Rib: pan
34	ToyBuphone	Sliders: A-D zone faders
35	F1 Perc Comper	Sliders: A-B group faders; Psw1: arp latch

36	Multi Chords	Sliders: A-B group faders; L Rib: filter sweep
37	3-Sec Talk Sldrs	Sliders: A key num, B key vel; FootSw3: arp latch; PSw2: panic; L Rib Sect1 & Slider F: pitch bend; L Rib Sect2 & Slider C: timbre; L Rib Sect3 & Slider D: filter modulation speed
38	FM Slider Play	Sliders: B key vel, C pitch bend, D timbre, F expression; L Rib and Slider A: key num; PSw2: panic
39	E Grand Pad	Sliders: A-B group faders, C Pad balance; Higher velocity enables zones 3 and 4
40	BalladCompSplit	Sliders: A-B group faders, C release env & balance; L Rib: 1 bass pitch bend, 2 timbre, 3 bass timbre; FootSw3: mute zone 1
41	Maggie May	Sliders: A-C mute groups, D attack time; PSw2: mute group
42	EPno Pad RbnVel	Sliders: A-C zone faders; L Rib: arp vel, pan, fx depth, timbre; PSw1: arp sw & group mute
43	Duke's Up	Sliders: A-B zone faders, C pan; L Rib: arp vel
44	F1 Latin Comper	Sliders: A-C group faders, D timbre; FootSw2: group mute; L Rib: bass pitch bend; ModWh: extra perc enable; PSw1: arp latch
45	Floyd's Echo	Sliders: A-B group faders; ModWh: pitch transpose, tremolo, & mod
46	Poly Portem	Sliders: A port time, B-C group faders; PSw2: port enable
47	C2 and Lead	Sliders: A-E zone faders; PSw1: arp latch
48	PowerLead	Sliders: A port time, B staggered port time, C-F zone faders; L Rib: timbre and pitch bend; ModWh: timbre; PSw: 1 port switch, 2 momentary bend
49	Big Synbrass	Sliders: A-B group faders, C & E bass timbre, D comp timbre
50	WahPedZawiSplit	Sliders: A-E zone faders; L Rib: filter sweep (LH pad); S Rib: filter; PSw: 1 arp latch, 2 panic; FootSw4: modulation (zone 6); CC Pedal 1: filter sweep
51	Clav EP Organ	Sliders: A-C zone faders, D timbre (zone 2); PSw1: arp latch
52	Toxic Cheese	Sliders: A-C group faders; FootSw1: arp latch; L Rib: arp vel, pan (mallet sound), filter sweep freq/res
53	Floyd Wheel	Sliders: A-B group faders, C timbre; FootSw2: arp latch; L Rib: filter sweep & zone fader (zone 4); ModWh: filter sweep
54	Under Water	Sliders: A-C zone faders for zones 2-4, D detune piano & increase volume of pad, FootSw1: arp latch, L Rib: zone fader for arpeggiated zone
55	Lullaby	Sliders: A-B group faders; ModWh: filter sweep (strings); PSw2: octave transpose (flute and choir)
56	Alazawilude	Sliders: A-B group faders, E portamento time (RH lead); FootSw: 3 mute zone, 4 arp latch; ModWh: filter; PSw2: portamento switch (RH lead)
57	Three Leads	Sliders: A-B group faders, C decay time (flute), timbre (RH lead), L Rib: vibrato; ModWh: timbre
58	News Room	Sliders: A-E group faders, F key vel; FootSw2: latch2; L Rib: theramin & pitch bend; ModWh: filter sweep/res (bass)
59	Aqua Ribbon	Sliders: A-B zone faders, C filter sweep; L Rib: filter; PSw2: arp latch; ModWh: filter
60	New Age Organ	Sliders: A-C group faders, D timbre
61	Drum Arps	Sliders: A-B group faders, PSw1: arp latch
62	Perc Stack	Sliders: A-B group faders; FootSw4: arp latch; PSw2: mute zones 2&3 (percussives); Press: arp vel
63	3-sec E Pno	CC Pedal 1: filter; L Rib: 1 filter sweep, 2 tremolo rate, 3 tremolo amount; PSw2: arp latch

Programs, Setups, and Keymaps

Version 2 Setups with Controller Assignments

64	Touch Stick	Sliders: A-B zone faders; Press: tremolo (EPiano)
65	Ballad Comp	Sliders: A-B zone faders
66	Dual Synth	Sliders: A-E zone faders; PSw2: zone mutes toggle
67	C2 Jam	Sliders: A-C group faders, D timbre (drums), E timbre (bass), F timbre (RH comp); L Rib:1 pitch (drums), 2 timbre (bass) & octave transpose (RH comp), 3 bend (RH comp); PSw1: arp latch
68	Hertz	Sliders: A-C group faders; L Rib: timbre (bass)
69	Digi Ensemble	Sliders: A-C zone faders; FootSw2: arp latch
70	Pluck Stack	Sliders: A-B group faders; PWhl: pan (cymbal)
71	Quillmeister	Sliders: A-D zone faders; PSw: 1 group mute (zones 1&2), 2 group mute (zones 3&4)
72	Organ Select	Sliders: A-D zone faders
73	Perc Stack 2	Sliders: A-C zone faders
74	Action Scene	Sliders: A-C group faders; L Rib: pan (clav arps.); filter/res (pad); ModWh: filter sweep/res (pad); PSw1: arp latch
75	Rusty Teeth	Sliders: A-C zone faders; FootSw 2: octave transpose; Breath: filter res; L Rib: 1 bend, 2 filter res & distortion, 3 filter res; PSw2: arp latch
76	Split Stack	Sliders: A-C group faders
77	Pulse Brass	Sliders: A-B group faders
78	Majesty	Sliders: A-B group faders, C piano balance, D timbre
79	Classy Orch	Sliders: A-D zone faders
80	Motion Pad	Sliders: A-B group faders; FootSw: 1: arp latch; L Rib: arp vel
81	Wiry Comp 3-Sec	Sliders: A-C zone faders; L Rib: 1 pitchbend, 2 distortion, 3 filter
82	GrimlyFiendish	Sliders: A-D zone faders; L Rib: 1 pitchbend, 2 pitchbend, 3 release time
83	Hold & Tap	Sliders: A-B zone faders, C perc vel; L Rib: filter and perc trigger
84	LayeredSnare Kit	Sliders: A-E group faders
85	C#2 Jam	Sliders: A-C group faders; FootSw2: arp latch; L Rib: 1 perc pitch, 2 filter, 3 pitch bend
86	PassionPad	Sliders: A-B zone faders, C filter; L Rib: filter
87	Fusioner	Sliders: A-D group faders; L Rib: bass pitch bend
88	Duo	Sliders: A-D zone faders; FootSw2: arp latch;
89	A2 Foot Drummer	Sliders: A-C group faders; FootSw 1: kick drum; L Rib :1 pitch bend perc, 2 pitch bend perc, 3 pitch RH drum
90	Aqua Choir	Sliders: A-B zone faders, C release time; L Rib : filter & pan; FootSw 1: arp latch
91	Massy Orch	Sliders: A-C group faders
92	Mechanical Mike	Sliders: A-E group faders
93	Haunted House	Sliders: A-D group faders; PSw 1 arp latch, 2 ghost whistle enable; Above G5: skeletons
94	All Alone	Sliders: A-E zone faders; L Rib: wind; PSw: 1 arp latch, 2 panic; Press: pitch bend
95	Witchcraft	Sliders: A key vel, timbre, B group fader, C mod rate, D wind key num, E zone fader; L Rib: voice trigger; Sm Rib: thunder trigger; ModWh: filter; PSw2: panic
96	Fallout	Sliders: A-C group faders, D piano detune; L Rib: wind; PSw2: panic
97	Control Setup	Slider A: data; FootSw4: arp latch; CPed2: breath; PSw2: panic
98	Clear Setup	nothing assigned
99	Default Setup	defaults

Storing Objects in the Memory Banks

The number of available IDs differs between object types, and depending on whether you are storing the object to the Zeros bank or one of the other 9 banks.

OBJECT TYPE	NUMBER OF OBJECTS AND ID RANGE	
	IN ROM	IN RAM
Sample, Keymap, Program, Setup	100 1—99	100 200—299
	100—199	300—399 . . 900—999
A total of 999 objects of these types can be stored, 99 of each type in the Zeros bank, and 100 of each type in every other bank.		

Quick Access Banks, Songs, Velocity Maps, Pressure Maps, Intonation Tables	75 1—75	20 100—119
		200—219 . . 900—919
A total of 255 objects of these types can be stored, 75 of each type in the Zeros bank, and 20 of each type in every other bank.		

Preset Effects	37 1—37	10 100—109
		200—209 . . 900—909
A total of 127 preset effects can be stored, 37 in the Zeros bank, and 10 in every other bank.		

K2500 ROM Keymaps

ID#	Keymap	ID#	Keymap	ID#	Keymap	ID#	Keymap
0	None	55	Dry Snare 2	104	Jazz Guitar Atk	151	Sawtooth
1	Grand Piano	56	Dry Snare 3	105	Steel Guitar Atk	152	Dull Sawtooth
2	Dual Elec Piano **	57	Ambient Snare 1	106	Perc Atk 1	153	Very Dull Saw
3	Hard Elec Piano	58	Ambient Snare 2	107	Perc Atk 2	154	Square Wave
4	Soft Elec Piano	59	Ambient Snare 3	108	Perc Atk 3	155	Dull Square
5	Voices	60	Cross Stick	109	Wood Bars	156	Very Dull Square
6	Ensemble Strings	62	10in Dry Tom	110	Solo Strings	157	Buzzy Square
7	Elec Jazz Guitar	63	12in Dry Tom	111	Six String Mutes	158	Buzzy Wave
8	Acoustic Guitar	64	15in Dry Tom	112	Oboe Wave	159	Hi Formant Wave
9	5 String Guitar	65	13in Amb Tom	113	Clav Wave	160	PrimeNumberWave
10	Dual E Bass **	66	15in Amb Tom	114	Elec Piano Wave	161	Triangle Wave
11	Elec Pick Bass	67	16in Amb Tom	115	Bell Wave	162	Third Wave
12	Elec Slap Bass	68	Reversals	116	Ping Wave	163	Sine Wave
13	Finger Atk Bass	69	Reverse Bell	117	Drawbars 1-3	164	ExtDynPrtls1 ***
14	Flute	71	Bidir Amb Kick 1	118	Drawbars 1-4	165	ExtDynPart2 ***
15	Tenor Saxophone	72	Reverse Snare	119	Drawbars 1-3 Dist	166	ExtDynSaw ***
16	Sax no Altissimo	73	Conga Bass	120	Full Drawbars	167	Mellow Vox
17	Trumpet	74	Conga Slap	121	Drawbars 1-4,8	168	Silence
18	Trombone	75	Conga Tone	122	Organ Wave 1	169	Synflute Brt
19	Trombone/Trumpet	76	Syn Conga Tap	123	Organ Wave 2	170	Synflute mello
20	Bone/Trp 2	77	Timbale	124	Organ Wave 3	171	SlapBass/Guitar
21	Trombet	78	Timbale Shell	125	Organ Wave 4	172	Mello Vox 2
22	Trumpbone	79	Cabasa	126	Organ Wave 5	173	Shift Guitar 2
23	Preview Drums	80	Clave	127	Organ Wave 6	174	Single Mute
24	Dry Kit1	81	Cowbell	128	Organ Wave 7	177	Fingered Bass 2
25	Dry Kit2	82	Tambourine	129	Partials 1-3	178	Ext Dual Bass **
26	Amb Kit 1	83	Handclaps	130	Partials 4-7	179	Syn Bass Pick
27	Amb Kit 2	84	Reverse Crash	131	Partials 8-12	180	Syn Bass Slap
28	Amb Kit 3	85	Reverse Clsd Hat	132	Partials 13-20	181	Shift Guitar
29	2 8ve Dry Kit	86	Reverse Open Hat	133	Partials 21-30	182	Syn Guitar
30	General MIDI Kit	87	Reverse hat loop	134	Partials 1&2	183	Syn Voices
39	Ride Rim Cymbal	88	Chiff	135	Partials 3&4	184	Syn Voices 2
40	Ride Bell Cymbal	89	Chirp	136	Partials 5-7	185	Perc Voice
41	Crash Cymbal	90	FM Bell Trans	137	Partials 8-10	186	Synstrings 1
42	Closed Hihat	91	Waterphone	138	Partials 11-15	187	Synstrings 2
43	Slt Open Hihat	92	Metal Clank	139	Partials 16-21	188	Syn Piano
44	Open Hihat	93	TimbaleShell Atk	140	Partials 2-4	189	Funny Perc
45	Open>Close Hihat	94	Cowbell Atk	141	Partials 5,7,9,11	190	TechnoLoops
46	Foot Close Hihat	95	Timbale Atk	142	Partials 1,2,4	191	Hat Loop
47	Dry Kick 1	96	Bell Attack	143	Partials 1,2,4,6	199	Silence
48	Dry Kick 2	97	Clave Atk	144	Partials 3-5		
49	Amb Kick 1	98	Wood Bar Atk	145	Partials 1-3		
50	Amb Kick 2	99	Conga Tone Atk	146	Partials 1,3,5		
51	Amb Kick 3	100	Conga Slap Atk	147	Partials 1&4		
52	DrySnare 1 Soft	101	Elec Pno Atk	148	Partials 1&6		
53	DrySnare 1 Hard	102	Brass Attack	149	Partials 1&8		
54	Dual Dry Snare 1 **	103	Bow Attack	150	Partials 1&12		

** dual-velocity keymaps

*** triple-velocity keymaps