

Chapter 21

Programs, Setups, and Keymaps

K2vx Program List

The 200 preset programs in the K2vx 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.

Pgr#	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	

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Pgr#	Program Name	Mod Wheel	Data	MPress	Comments
	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	
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	

Pgr#	Program Name	Mod Wheel	Data	MPress	Comments
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		
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	Cowbell, Shaker Enable	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) Fil- ter	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			

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	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	
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			

Pgr#	Program Name	Mod Wheel	Data	MPress	Comments
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
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 Equals 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

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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	
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.				

Pgr#	Program Name	Mod Wheel	Data	MPress	Comments
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 create flanging within a layer
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	

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Pgr#	Program Name	Mod Wheel	Data	MPress	Comments
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 three zones, each with independent MIDI channel and controller transmission assignments. Designed initially for models with built-in keyboards, 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).

Here is a list of the 100 Setups provided in the Factory Objects ROM:

ID#	NAME	ID#	NAME	ID#	NAME
1	Majesty	35	Age of Atlantis	69	FatSo
2	Sahara	36	Tinged Piano	70	Festival Brass
3	Full Orchestra	37	Combi Clav	71	WindyOrch MWPR
4	Hyper Funk	38	Dynomatch	72	8ve Slo Orch
5	LowCsGroove	39	Clav EP Organ	73	Slo tutti Orch
6	Waviator	40	Mallet Pad	74	Fast tutti Orch
7	Air Guitar	41	Organomics	75	Pno & Stereo Ens
8	PowerLead	42	Match Point Splt	76	PastaMan
9	TotalEnvironment	43	Pipes 1	77	HammerFlange
10	Combi Pluck	44	Pipes 2	78	Spaced Strings
11	Stop Time	45	Phantom Organ	79	Mist Strings
12	Ultra Clav	46	Shadow Pad	80	Crunch&Lead
13	Thru The Void	47	Spiral Pad	81	Ethnic & Analog
14	BigBee	48	Crystal Pad	82	Dulcimer Gtr
15	Dirty BigBee	49	Tranquil Waves	83	Floyd Wheel
16	Daze of Analog	50	Melody Voyage	84	Man of Steel
17	Bell Bliss	51	RoundTheSquare	85	2 Hand Comp
18	Echo in Time	52	Desert Song	86	Guitar Pad
19	Royal Prog	53	Soaring Solo	87	Big Gtr / CymSings
20	Choirz	54	FewshunLead	88	GB Band
21	SummerSnows	55	Joyful Lead	89	StThomas
22	Armenian Song	56	Perc 5ths	90	RastaSauce
23	Vital Wave	57	Big Combi Perc	91	Gtrs & Lead
24	Chordal Passion	58	Swing Trio	92	HoDown
25	Bell Voyage	59	EP Trio	93	Piano / Cello
26	Micro Magic	60	Pno Trio	94	3 Martini Shade
27	E Piano Pipes	61	Power Play	95	Synth Ensemble
28	Avalon	62	Big Jazz	96	Rhythm / Chiff
29	Celeste Pad	63	LivDrum / DualBass	97	Rhythm / SynLead
30	Starlight Piano	64	TekDrum / RaveBass	98	Noo Dance
31	Windowpane EP	65	BigTekDrm / RavBas	99	Earth & Sky
32	Grand & Electric	66	The Falling Sky	100	Basic Setup
33	EP & Strings	67	Inner Wave		
34	MalleTines	68	GigBrass		

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	58	Ambient Snare 2	110	Solo Strings	158	Buzz Wave
1	Grand Piano	59	Ambient Snare 3	111	Six String Mutes	159	Hi Formant Wave
2	Dual Elec Piano	60	Cross Stick	112	Oboe Wave	160	Prime Number Wave
3	Hard Elec Piano	62	10in Dry Tom	113	Clav Wave	161	Triangle Wave
4	Soft Elec Piano	63	12in Dry Tom	114	Elec Piano Wave	162	Third Wave
5	Voices	64	15in Dry Tom	115	Bell Wave	163	Sine Wave
6	Ensemble Strings	65	13in Amb Tom	116	Ping Wave	164	ExtDynPrtls1
7	Elec Jazz Guitar	66	15in Amb Tom	117	Drawbars 1-3	165	ExtDynPart2
8	Acoustic Guitar	67	16in Amb Tom	118	Drawbars 1-4	166	ExtDynSaw
9	5 String Guitar	68	Reversals	119	Drawbars 1-3 Dist	167	Mellow Vox
10	Dual E Bass	69	Reverse Bell	120	Full Drawbars	168	Silence
11	Elec Pick Bass	71	Bidir Amb Kick 1	121	Drawbars 1-4,8	169	Synflute Brt
12	Elec Slap Bass	72	Reverse Snare	122	Organ Wave 1	170	Synflute mello
13	Finger Atk Bass	73	Conga Bass	123	Organ Wave 2	171	SlapBass/Guitar
14	Flute	74	Conga Slap	124	Organ Wave 3	172	Mello Vox 2
15	Tenor Saxophone	75	Conga Tone	125	Organ Wave 4	173	Shift Guitar 2
16	Sax no Altissimo	76	Syn Conga Tap	126	Organ Wave 5	174	Single Mute
17	Trumpet	77	Timbale	127	Organ Wave 6	177	Fingered Bass 2
18	Trombone	78	Timbale Shell	128	Organ Wave 7	178	Ext Dual Bass
19	Trombone/Trumpet	79	Cabasa	129	Partials 1-3	179	Syn Bass Pick
20	Bone/Trp 2	80	Clave	130	Partials 4-7	180	Syn Bass Slap
21	Trombet	81	Cowbell	131	Partials 8-12	181	Shift Guitar
22	Trumpbone	82	Tambourine	132	Partials 13-20	182	Syn Guitar
23	Preview Drums	83	Handclaps	133	Partials 21-30	183	Syn Voices
24	Dry Kit1	84	Reverse Crash	134	Partials 1&2	184	Syn voices 2
25	Dry Kit2	85	Reverse Clsd Hat	135	Partials 3&4	185	Perc Voice
26	Amb Kit 1	86	Reverse Open Hat	136	Partials 5-7	186	Synstrings 1
27	Amb Kit 2	87	Reverse hat loop	137	Partials 8-10	187	Synstrings 2
28	Amb Kit 3	88	Chiff	138	Partials 11-15	188	Syn Piano
29	2 8ve Dry Kit	89	Chirp	139	Partials 16-21	189	Funny Perc
30	General MIDI Kit	90	FM Bell Trans	140	Partials 2-4	190	TechnoLoops
39	Ride Rim Cymbal	91	Waterphone	141	Partials 5,7,9,11	191	Hat Loop
40	Ride Bell Cymbal	92	Metal Clank	142	Partials 1,2,4	192	[for New Piano]
41	Crash Cymbal	93	TimbaleShell Atk	143	Partials 1,2,4,6	193	[for New Piano]
42	Closed Hihat	94	Cowbell Atk	144	Partials 3-5	194	[for New Piano]
43	Slt Open Hihat	95	Timbale Atk	145	Partials 1-3	195	[for New Piano]
44	Open Hihat	96	Bell Attack	146	Partials 1,3,5	196	[for New Piano]
45	Open>Close Hihat	97	Clave Atk	147	Partials 1&4	197	[for New Piano]
46	Foot Close Hihat	98	Wood Bar Atk	148	Partials 1&6	198	[for New Piano]
47	Dry Kick 1	99	Conga Tone Atk	149	Partials 1&8	199	Silence
48	Dry Kick 2	100	Conga Slap Atk	150	Partials 1&12		
49	Amb Kick 1	101	Elec Pno Atk	151	Sawtooth		
50	Amb Kick 2	102	Brass Attack	152	Dull Sawtooth		
51	Amb Kick 3	103	Bow Attack	153	Very Dull Saw		
52	DrySnare 1 Soft	104	Jazz Guitar Atk	154	Square Wave		
53	DrySnare 1 Hard	105	Steel Guitar Atk	155	Dull Square		
54	Dual Dry Snare 1	106	Perc Atk 1	156	Very Dull Square		
55	Dry Snare 2	107	Perc Atk 2	157	Buzzy Square		
56	Dry Snare 3	108	Perc Atk 3				
57	Ambient Snare 1	109	Wood Bars				

