

# Kurzweil PCR-2

## *Classic Keys Expansion board for the PC1x*

### *User's Guide*

*September 1, 2004*



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**Part Number: 910411 Rev. A**

## PC1x Classic Keys User's Guide

The Classic Keys ROM option equips your PC1x with authentic reproductions of “vintage” keyboard sounds, which over the years have become essential to the modern keyboardist. The PC1x Classic Keys ROM contains samples of the following instruments: Hohner Clavinet (Treble Pickup Setting and Release Thump), Mellotron (Strings, Choir and Flute) ARP Solina String Ensemble, Hohner Pianet, Yamaha CP-80 Electric Grand Piano (Soft and Hard Strikes), and RMI Electra-Piano (Piano, Harpsi and Accenter). Classic Keys also makes use of the PC1x base ROM samples, and includes new “vintage” Rhodes and Wurlitzer programs.

Each program in this set was created using high-quality audio samples as a starting point. The PC1x's synthesis engine allowed us to apply a variety of powerful sound-sculpting tools, which included velocity layers and cross-fades, envelopes, FUNs and LFOs. The finishing touches were added with the PC1x's effects engine, which utilizes the same technology as our acclaimed KDFX (for the K2500/K2600 keyboards) and our award-winning KSP8 processor. Effects pedals, speaker cabinets and recording techniques have all been faithfully replicated, giving the Classic Keys programs a level of detail and realism never before achieved in any “vintage” keyboard emulation. We were able to precisely recreate the timbres from many live and studio recordings, which have helped define the “vintage” sound. Therefore, a number of the program names in Classic Keys have been derived from song titles and not keyboard model numbers.

We have included a detailed chart, which lists the controller assignments for each program and setup. If a program has been taken from a specific recording, the artist's name and song title have been provided as well. In addition to this information, we have also put together a brief description for each of the instruments sampled for Classic Keys.

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*Infinity Looping Tools, a product of Antares Audio Technologies, were used in the creation of some of these sounds*

## Hohner Clavinet

Most famous for having been used on Stevie Wonder's "Superstition", Rufus and Chaka Khan's "Tell Me Something Good", and on nearly all of Bob Marley's hits, the Clavinet had originally been conceived by Ernst Zacharias of Hohner, to be the next stage in the evolution of the clavichord. The electro-mechanical keyboard so well known for its "funky 70's sound", had been intended to play Bach.

The Clavinet's 60-note keyboard extended from F1 to E6, and its action was light to the touch. Under each key was a metallic string, which would be pressed down onto an "anvil" when the key was struck. The string would vibrate as long as it remained in contact with the anvil, and was dampened immediately upon key release. Two sets of magnetic pick-ups, which resembled the "treble" and "rhythm" pickups on an electric guitar, produced an electrical signal, which was fed to the output of the instrument.

The Model C, introduced in 1968, and the more popular Model D6, introduced in 1971, were the two most widely used versions. The D6 featured a series of six rocker switches, which controlled tone and pick-up selection. Labeled "Brilliant", "Treble", "Medium", and "Soft", the first four switches were connected to a series of band-pass filters. The next two switches enabled each of the pick-ups. Both could be selected, with the choice of them being in or out of phase. The D6 also featured a sliding "mute" lever, which controlled how fast a held note would decay.

Classic Keys features samples of the "treble" pick-up along with a "release thump", while the PC1x base ROM already contains samples of the "rhythm" pick-up. Many of the Clavinet programs in Classic Keys were designed to imitate the D6's various switch combinations, making use of the PC1x's own MIDI knobs and switches.

## ARP Solina String Ensemble

The Solina String Ensemble, built for ARP by the Dutch organ manufacturer, Eminent, was the most well known string synthesizer of the mid-seventies, amid a field of similar, less successful competitors. Its distinctive string sound has appeared on a wide variety of recordings, having been used by Herbie Hancock, The Band, Vangelis, Pink Floyd, Parliament/Funkadelic, New Order, and many other well-known artists. Housed in a sleek wood enclosure, the Solina was capable of producing haunting, ethereal strings in the upper register, and lush pads in the lower register.

The String Ensemble was not a true polyphonic synthesizer, and employed a "divide down" single oscillator (common in electronic organs) to generate a polyphonic saw wave. All of its voices were fed into a single envelope generator which afforded the user control over attack (labeled Crescendo) and release (labeled Sustain). A button labeled, Modulation, enabled the famous "Bucket Brigade" chorus circuit, which added to the warm quality of the Solina's sound. Many of the String Ensemble programs in Classic Keys use the PC1x's MIDI Knobs and switches to emulate the Solina's front panel controls.

## The Mellotron

Also famous for its string sound, the Mellotron, later renamed the Novatron, was manufactured in the U.K., by Streetly Electronics, from 1962-1986. A predecessor to the modern digital sampler, the Mellotron used strips of analog tape, one for each key, to reproduce actual recorded sounds. Every key had its own corresponding motor and tape head, which were engaged when the key was depressed. When the key was released, the tape was rewound. A new note on the same key could not be triggered until the tape had completely finished rewinding. The tapes used were not looped, and each sound had a fixed length of eight seconds. In most cases, there were at least three tracks on each tape, in succession, and the user was able to select one of these "presets". The Mark II (produced 1964-1967) and later the M400 (produced 1970-1986) were the most widely used models. The Mark II was equipped with dual 35 note keyboards, with the one on the left designated to play rhythms and fills, and the one on the right to play "lead". The left manual and "rhythm section" were dropped after the mark II. The M400, by far the biggest seller, featured a single 35-note keyboard, and was housed in a distinctive white cabinet.

While cumbersome, and often plagued by mechanical difficulties, the Mellotron was a breakthrough in its day, providing reproductions of real acoustic sounds, free of any polyphony constraints, other than the number of notes one could physically play. Although intended to imitate other timbres, the Mellotron had an identifiable warm sound of its own, and blended effectively with other instruments in a mix.

Made famous first by The Beatles (flutes on Strawberry Fields), and later by The Moody Blues, David Bowie and Led Zeppelin, the Mellotron was featured on numerous recordings from the late sixties through the seventies. Its sound has often been associated with progressive rock, as it was used extensively by bands like Yes, Genesis, and King Crimson.

Classic Keys features the three most popular Mellotron sounds: strings, flute and choir. Each sample has been meticulously tuned and looped. We felt that it was appropriate to eliminate the eight second limit, along with the delayed attack (waiting for the heads and motor to engage) in order to make the sounds more playable. Also, most of the Mellotron programs in Classic Keys are touch sensitive, another departure from the original. Our goal was to maximize the playability of the sounds, without compromising their authenticity.

## Hohner Pianet

Although featured prominently in a number of classic rock songs by The Beatles, Three Dog Night, The Zombies and others, the Hohner Pianet remains a lesser-known instrument, its sound having often been mistakenly attributed to the Wurlitzer.

Produced from c.1962-1980 in various console models, the Pianet series differed from the Rhodes and Wurlitzer in a few important areas. Sound was produced by metal reeds, which were plucked by a set of adhesive pads. Also distinguishing the Pianet, was the absence of a sustain pedal.

Note: Hohner also manufactured the much more rare Electra-Piano (not to be confused with the RMI Electra-Piano) which featured an enclosure resembling that of an upright piano. Reported to have a hammer mechanism very much like the one found in the Rhodes, the Hohner Electra-Piano featured a built-in amp and four speakers. Led Zeppelin made this sound famous, employing it in a number of hits. Using our Pianet samples and bit of processing, we were able to craft some realistic imitations of the Hohner Electra-Piano, and we've included them in the Pianet section of Classic Keys.

## **Yamaha CP-80**

Known commonly as the "electric grand", the CP-80 (88 notes), along with its smaller counterpart, the CP-70 (76 notes), was the product of clever engineering combined with traditional piano-making craftsmanship. Inside the CP-80, are the basic workings of a real acoustic piano, which have been altered to fit into a smaller enclosure. On the outside, the CP-80 looks like a "grand" version of the Rhodes, covered in tolex, with the top portion extending in the rear to accommodate the piano harp inside. Up until the mid-1980's, when sampled pianos became available, the CP-70/80 was the only instrument capable of providing a decent substitute for a real piano. While it served this purpose well, the CP-70/80 had some unique features, which allowed it to have its own very distinct sound when desired.

With single strings on the lower notes, and double strings on the rest, the CP-70/80 included a modified Yamaha grand piano action and employed piezo-electric transducers in lieu of pickups. The original CP series featured bass and treble tone controls and a tremolo circuit. Later, seven bands of EQ, balanced outputs and MIDI capabilities were added (CP-70/80B and M models). Often used with chorus and compression effects, the CP-80 was known for having more "punch" than an acoustic piano. Production began in 1977 and ended in 1987.

## **RMI Electra-Piano**

Built by Rocky Mount Instruments, a division of the Allen Organ Company, from 1967-1980, the RMI Electra-Piano is the one electric piano represented in Classic Keys, which did not produce sound by electro-mechanical means. With an electronic tone-generator for each note, un-weighted plastic keys, which were not touch-sensitive, and a set of "stops" for sound selection, the RMI more closely resembled an organ than anything else. Both sustain and volume pedals were included with the unit. Most were black tolex-covered consoles with 61 (later 68) keys, and rested on a set of metal legs.

There were five stops on the RMI, which controlled the tone: Piano, Piano PP, Harpsi, Harpsi PP, and Lute. There were two additional stops; Accenter, which added in an attack "thump" as well as Organ Mode, which extended the decay of held notes.

Though not capable of producing a realistic piano sound, the RMI did provide a viable "electric harpsi-chord/clavichord" tone. In addition, the overall sound of the RMI was warm, yet manageable, and lent itself nicely to the use of effects processors and pedals. The RMI appeared on a variety of albums in the early and mid seventies, and was featured prominently in the music of the progressive rock bands Genesis and Yes.

## PC1x Version 2 Operating System Feature

### CC Pedal Parameter

Many of the patches in the Classic Keys expansion board make use of controller 04 - Foot, as a "wah" pedal. However, the typical assignment for the CC Pedal in Program Mode is controller 11 - Expression. While it is possible to reassign the CC Pedal in the Internal Setup, which is used by the Program mode, you may find that you want to change the assignment more frequently and conveniently. The CC Pedal parameter allows you to quickly override the current assignment.

The CC Pedal parameter follows the Local Control parameter in the Global Settings menu. To view or change the CC Pedal parameter, press the Global button, and then the right cursor button. The display will show the following:

```
Global Settings
CC Pedal: Int. Setup
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The choices for this parameter are "Int. Setup" or "Foot(MIDI4)".

If "Int. Setup" is selected, then the CC Pedal in Program mode will follow the assignment from the Internal Setup. If "Foot" is selected, then the CC Pedal in Program mode will be assigned to controller 4, and the Classic Keys program that use a wah pedal will function properly.

## Controller Assignments

Here are a few of the guidelines which were used in determining control and knob assignments for the programs in **Classic Keys**. These general rules should make it relatively easy to adjust the most basic program settings when first scrolling and playing through the complete set of sounds. Keep in mind that these are *general rules*, and there will be some exceptions. You can refer to the table which we have provided, to view the complete controller assignment information for each program.

<b>ModWheel</b>	Controls tremolo depth on most electric piano programs, controls envelope shape on most ARP programs, and doubles as a "wah" controller on any "wah" programs, for those users who do not have or use the <i>Continuous Controller pedal</i> .
<b>Knob A (MIDI 91)</b>	Controls FX A wet/dry.
<b>Knob B (MIDI 93)</b>	Controls FX B wet/dry. (Note: Most programs in Classic Keys over-ride this control in order to allow the program output to go through FX A and then into FX B in series, as a <i>chain</i> .)
<b>Knob C (Data/MIDI 06)</b>	Controls brightness (lopess or bandpass filter freq.) on many programs. Also used to control the volume of certain layers within a program.
<b>Knob D (MIDI 13)</b>	Controls filter resonance on many programs. Controls tremolo, phaser, and LFO rates. Also used to control the volume of certain layers within a program.
<b>Sw2 (MIDI 09)</b>	This switch is located just to the right of the "Octave Shift" button, below the MIDI Knobs. Used sparingly - consult Controller Assignment Table.
<b>Sw4 (MIDI 29)</b>	Located just above the pitchwheel. Used to enable layers on many programs. Also used to enable certain effects such as phaser or chorus, when they are generated in the synth engine (not the effects engine).
<b>FtSw 1 (MIDI 64/Sustain)</b>	Functions as a sustain pedal on almost all programs. Enables synth effect on a select few.
<b>CC Pedal (*MIDI 04/Foot)</b>	Functions as a "wah" pedal on all of the "wah" programs. <b>To use the CC Pedal as a "wah" pedal with ROM2, make sure that the CC Pedal parameter is set to "MIDI 04/Foot" in the Global menu.</b>

**\* CC Pedal is set to MIDI 11/ Expression as the default.**

# Classic Keys Programs

Prog	Program Name	Controller	Description
000	CP80 Enhanced	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
001	Gabriel's Melt	SW pedal 1	
		Modwheel	Extra Chorus Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Filter Resonance
		SW 2	
002	80's EQ ChorusCP	SW 4	
		CC Pedal	
		SW pedal 1	
			Imitates Peter Gabriel's signature chorused CP-80 sound from "Melt" and "Security" albums.
		Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq)
		Knob D	Bandpass Width
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Recreates the sound used by Geoff Downes on The Buggles' "Video Killed The Radio Star".

Prog	Program Name	Controller	Description
003	Brighter CP	Modwheel	
		Knob A	FX-A wet/dry: enable chorus
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
004	CP Chorus Layers	SW pedal 1	
			Inspired by chorused CP-80 on Toto's "Dune" soundtrack.
		Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry (Enable 4 Tap Delay)
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Tremolo Rate
		SW 2	
005	Power CP	SW 4	Disable Chorus Layer
		CC Pedal	
		SW pedal 1	
		Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyr 2
006	Dark Chorus CP	Knob D	Tremolo Rate
		SW 2	
		SW 4	Detune Lyrs, Enable Chorusing
		CC Pedal	
		SW pedal 1	
		Modwheel	Chorus Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	



# Classic Keys Programs

Prog	Program Name	Controller	Description
007	Inside Out CP	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	Enable Extra Chorus
		CC Pedal	
		SW pedal 1	
			Reproduction of the dense CP sound on Phil Collins' "Inside Out".
008	Pianet Classic	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
009	She's Not There	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Parametric Mid EQ freq 1yr 1
		Knob D	Brightness (Bandpass Freq) Lyr 2
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Models Rod Argent's Pianet sound from the Zombies' "She's Not There".

Prog	Program Name	Controller	Description
010	3 Dog Zeppelin	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Vibrato Rate
		SW 2	
		SW 4	Resonance Boost
		CC Pedal	
		SW pedal 1	
			Imitates sound from Three Dog Night's "Joy To The World". Modwheel enables warbly sound from "Mama told Me Not To Come". SW4 enables resonance boost, imitating John Paul Jones' sound on Led Zeppelin's "Misty Mountain Hop".
011	Flaming Hohner	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
012	No Quarter Pnt	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Disable filter LFO
		CC Pedal	
		SW pedal 1	
			Recreates John Paul Jones' "bubbly" EP sound on Led Zeppelin's "No Quarter".

Prog	Program Name	Controller	Description
013	Sly Ballad	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
014	Black Friday	Modwheel	Filter LFO Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq)
		Knob D	Bandpass Width
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
015	These Eyes	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Based on the EP sound from Sly and the Family Stone's recording of "Que Sera".
			Reproduces the phased Pianet sound on Steely Dan's "Black Friday".
			Inspired by Burton Cummings' Pianet part on The Guess Who's "These Eyes".

Prog	Program Name	Controller	Description
016	Old Sly Rhds	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	Env Release Decay (Subtle- imitates the older suitcase models.)
		CC Pedal	
		SW pedal 1	
017	Rhds WAH	Modwheel	Wah (Bandpass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Bandpass Width
		SW 2	
		SW 4	
		CC Pedal	Wah (Bandpass Freq)
		SW pedal 1	
018	Studio Rhds	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyr2
		Knob D	Tremolo Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
019	Fagen Phaser	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Inspired by Donald Fagen's album, "The Night Fly".

# Classic Keys Programs

Prog	Program Name	Controller	Description
020	TK's Mutron	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
021	RoyalScam EP ff	Modwheel	Phaser Notch Width
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Phaser Depth
		Knob D	Phaser Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
022	Vintage Tremolo	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyrs 2-4
		Knob D	
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
023	Rhds EQ Amp	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
024	Rufus Wurly	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	Env Release Decay (Subtle- imitates the older models.)
		CC Pedal	
		SW pedal 1	
025	Warm Clunker	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo rate
		SW 2	
		SW 4	Env Release Decay (Subtle- imitates the older models.)
		CC Pedal	
		SW pedal 1	
026	What'd I SayWrlly	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	Env Release Decay (Subtle- imitates the older models.)
		CC Pedal	
		SW pedal 1	
027	Stereo Wurlinet	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	Enable Attack and Release Thumps
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
028	Walrus Pianet	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq) Lyr 3
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Reproduces the sound of a Pianet run through a Leslie speaker, used on the Beatles' "I Am The Walrus".
029	Pianet/Wurly WAH	Modwheel	Wah (Bandpass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Bandpass Width
		SW 2	
		SW 4	Select Wurly or Pianet Lyr
		CC Pedal	Wah (Bandpass Freq)
		SW pedal 1	
030	Swirling Pnt slo	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyr 2
		Knob D	Filter Resonance
		SW 2	Env Release Decay
		SW 4	Enable Lyr 1
		CC Pedal	
		SW pedal 1	
031	Van Halen Wurly	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Tremolo Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Recreates the sound of a Wurli-itzer played through a guitar amp, as on Van Halen's "The Cradle Will Rock".

Prog	Program Name	Controller	Description
032	Crisp Clav	Modwheel	Env Decay Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
033	Stereo Pickups	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
034	70sBubblegumClav	Modwheel	Lyr 2 Volume Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq) Lyr 1
		Knob D	Lyr 3 Volume Control (Attack Thump)
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Inspired by intro to Jackson Five's "I'll Be There".
035	TrebClavWhlmute	Modwheel	Env Decay Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq) Lyr 1
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

# Classic Keys Programs

Prog	Program Name	Controller	Description
036	Joe's Clav	Modwheel	Env decay control lyr 4
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 1 Volume Control (Release Thump)
		Knob D	Lyr 3 Volume Control (Attack Thump)
		SW 2	
		SW 4	Disable Lyr 4
		CC Pedal	
		SW pedal 1	
037	Shoobie Model C	Modwheel	Env decay control lyr 2
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 1 Volume Control (ReleaseThump)
		Knob D	Lyr 3 Volume Control (Attack Thump)
		SW 2	
		SW 4	Disable Lyr 4
		CC Pedal	
		SW pedal 1	
038	RealSupasticious	Modwheel	Env Decay Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 3 Volume Control (Attack Thump)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Inspired by the single note percussive comp-line on Stevie Wonder's hit, "Superstition".
			Suggestion: For best results, try playing single note patterns in the lower register. (F2-C4)

Prog	Program Name	Controller	Description
039	StopMakingSense	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 4 Volume Control (Attack Thump)
		Knob D	Phaser Rate
		SW 2	
		SW 4	Enable Phaser
		CC Pedal	
		SW pedal 1	
			Reproduction of Clav sound from Talking Heads' "Stop Making Sense" played by Bernie Worrell.
040	Stevie Fuzz	Modwheel	Env Decay Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 3 Volume Control
		Knob D	Lyr 1 Volume Control (Attack Thump)
		SW 2	
		SW 4	Disable Lyr 2 and 4
		CC Pedal	
			Imitates distorted Clav sound on Stevie Wonder's version of "We Can Work It Out".
041	VCS3 Filter+Dist	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Filter LFO Rate
		SW 2	Filter LFO Depth
		SW 4	
		CC Pedal	
		SW pedal 1	Filter LFO Rate
			Simulates the effect of plugging a Clav into an EMS VCS3 synth, with an LFO sweeping the filter, then into an amp.
042	DualClav sw Dist	Modwheel	Env Decay Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Lyr 2 Volume Control (ReleaseThump)
		SW 2	
		SW 4	Enable "Rhythm" or "Treble" Lyr
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
043	TrampledUnder D6	Modwheel	Env Decay Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 4 Volume Control (Attack Thump)
		Knob D	Env Release Decay Control (Subtle)
		SW 2	
		SW 4	Select Pickups In or Out of Phase
		CC Pedal	
		SW pedal 1	
			Recreates heavy pulsing sound of John Paul Jones' Clav on Led Zeppelin's "Trampled Under-foot".
044	Chef Aid '03	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Lyr 1 Volume Control (ReleaseThump)
		SW 2	
		SW 4	Select Pickups In or Out of Phase
		CC Pedal	
		SW pedal 1	
			Captures Trey Parker's biting "lead" Clav sound from "Chocolate Salty Balls" on "Chef Aid".
045	EvilWomanDeepFuz	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 3 Volume Control (Attack Thump)
		Knob D	
		SW 2	
		SW 4	Mid Boost (Filter Freq Lyr 1 and 4)
		CC Pedal	
			Inspired by the staccato sixteenth-note line on the chorus of ELO's "Evil Woman"

Prog	Program Name	Controller	Description
046	Dark Phase Dist	Modwheel	Phaser Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 2 Volume Control (Attack Thump)
		Knob D	Phaser Rate
		SW 2	
		SW 4	Disable Phaser
		CC Pedal	
		SW pedal 1	
047	Honkin'&Growlin'	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Suggestion: For best results, try playing single note patterns in lower register. (F2-C4)
048	Black Cow Clav	Modwheel	Lyr 4 Volume Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq) Lyr 1
		Knob D	Lyr 3 Volume Control (Attack Thump)
		SW 2	
		SW 4	Disable Lyr 1
		CC Pedal	
		SW pedal 1	
			Recreates Joe Sample's Clav sound on Steely Dan's "Black Cow".
049	Mutron+Synth sw	Modwheel	Vibrato Depth (Sawtooth)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq) Lyr 2 (Sawtooth)
		Knob D	Lyr 4 Volume Control (Attack Thump)
		SW 2	
		SW 4	enable synth layer (sawtooth)
		CC Pedal	
		SW pedal 1	

# Classic Keys Programs

Prog	Program Name	Controller	Description
050	Bi*Phaz Clav	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 2 Volume Control (Release Thump)
		Knob D	Filter LFO Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
051	Animated Flanger	Modwheel	Env Decay Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 3 Volume Control (Attack Thump)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Lyr 4
		CC Pedal	
		SW pedal 1	
052	Thin Env SynClav	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Env Filter Amount
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
053	Hiya Ground sw	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable "Rhythm" or "Treble" Lyr
		CC Pedal	
		SW pedal 1	
			Modelled after the comping Mutron Clav on Stevie Wonder's "Higher Ground".

Prog	Program Name	Controller	Description
054	Charlemagne Clav	Modwheel	Env Decay Control Lyr 2 and 4
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (bandpass freq) lyr 1
		Knob D	Lyr 3 Volume Control (Attack Thump)
		SW 2	
		SW 4	Disable Lyr 2 and 4
		CC Pedal	
		SW pedal 1	
			Based on Clav sound featured on Steely Dan's "Kid Charlemagne".
			Suggestion: For best results, try playing single note patterns in lower register. (F2-C4)
055	Harpsi Rotovibe	Modwheel	Lyr 1 Volume Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq)
		Knob D	Lyr 3 Volume Control (Attack Thump)
		SW 2	
		SW 4	Octave Shift Lyr 2
		CC Pedal	
		SW pedal 1	
056	Headhnters sw WAH	Modwheel	Wah (Bandpass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Bandpass Width
		SW 2	
		SW 4	
		CC Pedal	Wah (Bandpass Freq)
		SW pedal 1	
			Recreates the classic wah sound on Herbie Hancock's "Chameleon"

Prog	Program Name	Controller	Description
057	MorleyWAH Clav	Modwheel	Wah (Lopass Freq and Resonance)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	Wah (Lopass Freq and Resonance)
		SW pedal 1	
			An emulation of classic silver Morley Volume Wah pedal: lots of resonance and distortion.
058	MistakenIdentitySW		Suggestion: For best results, try playing single note patterns in lower register. (F2-C4)
		Modwheel	Wah (Bandpass Freq) enabled by SW4
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 2 Volume Control (Attack Thump)
		Knob D	Bandpass Width Lyr 3
		SW 2	
		SW 4	Enable Wah (Lyr 3)
		CC Pedal	Wah (Bandpass Freq) enabled by SW4
		SW pedal 1	
059	Dbl WAH Insanity		Inspired by Billy Preston's Clav on Rolling Stones' "Heart-breaker".
		Modwheel	Dual Wah (Bandpass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Bandpass 1 Width
		Knob D	Bandpass 2 Width
		SW 2	
		SW 4	
		CC Pedal	Dual Wah (bandpass freq)
		SW pedal 1	

Prog	Program Name	Controller	Description
060	PsychedelicClav	Modwheel	Wah (Lopass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Echo Lyr Delay Time
		Knob D	Filter LFO Rate
		SW 2	
		SW 4	Enable Echo Lyr
		CC Pedal	Wah (Lopass Freq)
		SW pedal 1	
061	Funkadelic Relic	Modwheel	Wah (Bandpass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 3 Volume Control (Attack Thump)
		Knob D	"Tightness Control" (Env Release, Thump Delay)
		SW 2	
		SW 4	Disable Lyr 2 and 3
		CC Pedal	Wah (Bandpass Freq)
		SW pedal 1	
			Inspired by Funkadelic veteran Bernie Worrell's live sound.
062	Preston SpaceWah	Modwheel	Wah (Bandpass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 3 Volume Control (Attack Thump)
		Knob D	Bandpass Width
		SW 2	
		SW 4	
		CC Pedal	Wah (Bandpass Freq)
		SW pedal 1	
			Reproduction of the high-sweeping wah sound on Billy Preston's "Outta Space".
063	Rufus/Marley WAH	Modwheel	Wah (Bandpass Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Bandpass Width
		SW 2	
		SW 4	
		CC Pedal	Wah (Bandpass Freq)
		SW pedal 1	
			Inspired by the Clav parts from Bob Marley's "Stir It Up" and "Tell Me Something Good" by Rufus and Chaka Khan.



# Classic Keys Programs

Prog	Program Name	Controller	Description
064	Yesis Tron Str	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Octave Lyr
		CC Pedal	
		SW pedal 1	
			Recreates the definitive prog-rock Mellotron String sound, used by Yes, Genesis and King Crimson.
065	Moby Tron	Modwheel	Env attack control lyr 1
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq)
		Knob D	Lyr 4 Volume Control (Turntable Noise)
		SW 2	
		SW 4	
		CC Pedal	Lyr 4 Volume Control (Turntable Noise)
		SW pedal 1	
			Inspired by string sound on "Porcelain" from Moby's "Play"
066	Space Oditty	Modwheel	Lyr 2 (Hi Strings) Volume Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Rick Wakeman's Mellotron strings and flutes from David Bowie's "Space Oddity".
067	RocknRollSuicide	Modwheel	Lyr 2 Volume Control (Bari Sax)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Lyr 1 (Strings)
		Knob D	Filter Resonance Lyr 1
		SW 2	
		SW 4	Enable Lyr 3 (Piano)
		CC Pedal	
		SW pedal 1	
			Mellotron strings layered with piano and bari sax, emulating David Bowie's "Rock And Roll Suicide".

Prog	Program Name	Controller	Description
068	Octave Tron Str	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Disable Octave Lyr
		CC Pedal	
		SW pedal 1	
069	Siberian Khatru	Modwheel	Lyr 2 and 3 Volume Control (Organ)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Lyr 1 (Strings)
		Knob D	Filter resonance
		SW 2	
		SW 4	Detune Lyrs 2 and 3 (Organ)
		CC Pedal	
		SW pedal 1	
			Another one of Rick Wakeman's sounds from "Close To The Edge," featuring Mellotron strings doubled with Hammond organ on "Siberian Khatru".
070	LightYearStrings	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
071	Pdl Pitch HiStrg	Modwheel	Lyr 2 (Strings, no pitch-bend) Volume Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq) Lyr 2
		Knob D	Filter Resonance
		SW 2	
		SW 4	Pedal Pitch-Bend Direction
		CC Pedal	
		SW pedal 1	Pitch-Bend - Lyr 1 strings will sound either a whole step above or below the target note- use SW4 to select. Depressing the sustain pedal will cause the sound to bend up to or down to the target pitch.
072	Silent Sorrow	Modwheel	Brightness (filter cutoff freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Octave Lyr
		CC Pedal	
		SW pedal 1	
			Reproduces lush choir sound used by Tony Banks on the Gen- esis' "Silent Sorrow".
073	Bandpass Choir	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq)
		Knob D	Bandpass Width
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
074	Swept Tron Voice	Modwheel	Octave Lyr Volume Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
075	Mellotron Flutes	Modwheel	Tremolo Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Alt Start
		CC Pedal	
		SW pedal 1	
076	Electro Flutes	Modwheel	Filter LFO Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter LFO Rate
		SW 2	
		SW 4	Enable Alt Start
		CC Pedal	
		SW pedal 1	
077	Strawberry Flutes	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Inspired by Beatles' "Straw- berry Fields Forever"
078	White Satin Split	Modwheel	Brightness Lyr 1 (Flute) (Filter Cutoff Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	brightness lyr 1 (strings) (filter cutoff freq)
		Knob D	Filter Resonance lyr 1
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Reproduces Mike Pinder's string and flute mellotron parts from The Moody Blues' "Nights In White Satin".

# Classic Keys Programs

Prog	Program Name	Controller	Description
079	3Way Split Mltm	Modwheel	Increase Brightness (Filter Cutoff Freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
080	RMI Harpsi	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Accenter Lyr
		CC Pedal	
		SW pedal 1	
081	Lamb Lies Down	Modwheel	Env Attack Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Accenter Lyr
		CC Pedal	
		SW pedal 1	
082	RMI Piano&Harpsi	Modwheel	Volume Control Lyr 3 (Accenter)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Harpsi Lyr
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
083	BrightRMI Pn/Hrp	Modwheel	Detune Layers
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Bandpass Freq)
		Knob D	Volume Control Lyr 3 (Accenter)
		SW 2	
		SW 4	Enable Piano Layer
		CC Pedal	
		SW pedal 1	
084	Dual Mode Harpsi	Modwheel	Env Attack Control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Organ Mode: Reproduces the function of the RMI's "Organ Mode" switch, which disabled the piano-like amplitude envelope, and allowed held notes to sustain indefinitely.
		CC Pedal	
		SW pedal 1	
085	RoyalKingWakeman	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Parametric Mid EQ Freq
		Knob D	
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
086	OrganMode Pn/Hrp	Modwheel	Parametric EQ Cut
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Para EQ Freq Lyr 1, Brightness Lyr 2
		Knob D	Filter Resonance Lyr 2
		SW 2	
		SW 4	Enable Piano Lyr
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
087	Dr. John's RMI	Modwheel	Bandpass Freq Lyr 1, Lopass Freq Lyr 2, Vol Cntrl Lyr 1 and 2
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Based on Dr. John's RMI sound on "Right Place, Wrong Time". Move the modwheel for the intro sound.
088	Phase sw Organ	Modwheel	Volume Control Lyr 1 and 3
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Phaser Depth
		Knob D	Phaser Rate
		SW 2	
		SW 4	Enable Organ Lyr
		CC Pedal	
		SW pedal 1	
089	Spaced Out Bach	Modwheel	Echo lyr delay time control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Echo layers volume
		SW 2	
		SW 4	Transpose Echo Lyr Up 5th
		CC Pedal	
		SW pedal 1	
090	Tobacco Road RMI	Modwheel	Volume Control Lyr 3 (Accenter)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Emulates Edgar Winter's RMI on the live album, "Road Work".

Prog	Program Name	Controller	Description
091	Traffic EP	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Recreates Stevie Winwood's distorted RMI sound on "Empty Pages" by Traffic.
092	Tekno Tempo Echo	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Phaser Notch Width
		Knob D	Phaser Rate
		SW 2	
		SW 4	Enable Phaser
		CC Pedal	
		SW pedal 1	
			Delay time in the FX section is set to MIDI clock.
093	Trick of th'Tail	Modwheel	Brightness (Filter Cutoff freq) Lyr 1 and 2 (Mellotron)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq) Lyr 3 and 4 (RMI)
		Knob D	Filter Resonance Lyr 3 and 4
		SW 2	
		SW 4	Enable Mellotron Split
		CC Pedal	
		SW pedal 1	
			Inspired by Tony Banks' keyboards on the Genesis album, "A Trick Of The Tail".
094	RMI Clav WAH	Modwheel	Wah (lopess cutoff freq)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	
		SW 2	
		SW 4	
		CC Pedal	Wah (lopess cutoff freq)
		SW pedal 1	

# Classic Keys Programs

Prog	Program Name	Controller	Description
095	Dream On Session	Modwheel	Volume control Lyr 1 (Clav)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyr 4 (RMI)
		Knob D	Filter Resonance Lyr 4
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain- when depressed, no new notes will sound on Lyr 2 (strings), allowing RMI notes to be played over held strings.
			Recreates keyboard sounds of Aerosmith's "Dream On".
096	Bladerunner ARP	Modwheel	Env Attack & Release control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Octave Lyr
		CC Pedal	
		SW pedal 1	
			Recreates lush synth strings on "Bladerunner" soundtrack, by Vangelis.
097	Funkensteinz ARP	Modwheel	Env Attack & Release control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Octave Lyr
		CC Pedal	
		SW pedal 1	
			Emulates Bernie Worrell's String Ensemble sound on the Parliament hit "Flashlight".
098	Murky Rez Pad	Modwheel	Slight Chorus Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Octave Lyr
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
099	St PanPhase ARP	Modwheel	Env Attack & Release control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Phaser Depth
		Knob D	Phaser Rate
		SW 2	
		SW 4	enable notch width modulation
		CC Pedal	
		SW pedal 1	
100	ARP Str+Oberheim	Modwheel	Enable Filter LFO Lyr 1 and 2, Env Control Lyr 3 and 4
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyr 3 and 4
		Knob D	Volume Control Lyr 3 and 4 (ARP Strings)
		SW 2	
		SW 4	Octave Shift Lyr 4
		CC Pedal	Brightness (Filter Cutoff Freq) Lyr 3 and 4
		SW pedal 1	
101	FX Sweep ARP	Modwheel	Env Attack & Release control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Octave Lyr
		CC Pedal	
		SW pedal 1	
102	FX LoPass ARP	Modwheel	Env Attack & Release control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Enable Octave Lyr
		CC Pedal	
		SW pedal 1	
			As on the String Ensemble, all voices go through a single filter that can be adjusted in the FX section. Knobs control synth filters.

Prog	Program Name	Controller	Description
103	AllofmyLove ARP	Modwheel	Env Attack & Release control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Phaser Rate
		SW 2	
		SW 4	Enable Phaser
		CC Pedal	
		SW pedal 1	
			Approximation of synth strings on Led Zeppelin's "All Of My Love", originally played on a Yamaha GX-1.
104	FocusOnTheFunk	Modwheel	Env Attack And Release Control Lyrs 1 and 2 (ARP)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Pitch Control Lyr 1 (ARP Octave)
		Knob D	Distorted Lopass Lyrs 3 and 4 (Synth Bass)
		SW 2	
		SW 4	Enable Octave Lyr 4 (Synth Bass)
		CC Pedal	
		SW pedal 1	
105	Bowie/Heroes Pad	Modwheel	Env attack & release ctrl lyrs 1 & 2 (ARP)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyrs 1 and 2
		Knob D	fltr resonance lyrs 1 & 2
		SW 2	
		SW 4	Enable Lyrs 2 and 3 (Piano and Octave ARP)
		CC Pedal	
		SW pedal 1	
			Based on keyboard sounds on "Sense Of Doubt", from David Bowie's "Heroes".

Prog	Program Name	Controller	Description
106	Kashmir Str+Brs	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Filter Cutoff: Sweep out Mellotron Strings, sweep in Meteor Strings
		Knob D	close filter on Meteor strings
		SW 2	
		SW 4	Enable Brass Layer
		CC Pedal	
		SW pedal 1	
			Based on string and Mellotron on Zeppelin's "Kashmir".
107	Genesis Broadway	Modwheel	
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Phaser Depth
		Knob D	Phaser Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Based on Tony Banks' keyboard sounds on "Broadway Melody Of 1974" from the Genesis album "The Lamb Lies Down On Broadway".
108	GarthsLastWaltz	Modwheel	Brightness (Filter Cutoff freq) Lyrs 2 and 3 (Organ)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff freq) Lyr 1 (ARP)
		Knob D	Filter Resonance Lyr 1
		SW 2	
		SW 4	Enable Organ Lyrs
		CC Pedal	Enable Auto Pitch-Bend (Whole Step up)
		SW pedal 1	
			Inspired by Garth Hudson's keyboard sounds featured in "The Last Waltz".

# Classic Keys Programs

Prog	Program Name	Controller	Description
109	Syn Strg Section	Modwheel	Swell: Resonance+Volume
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Crossfade from ARP to Mellotron
		SW 2	
		SW 4	Enable Octave Lyr (ARP)
		CC Pedal	
		SW pedal 1	
110	Warszawa Layers	Modwheel	Env Attack And Release Control Lyr 2 (ARP)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Filter Cutoff Freq Lyr 2 (ARP), Lyr 1 (Mellotron flutes)
		Knob D	
		SW 2	
		SW 4	Disable Mellotron Strings
		CC Pedal	Filter Cutoff Freq Lyr 2 (ARP)
		SW pedal 1	
111	ELOStringSection	Modwheel	Based on keyboard sounds on "Warszawa", from David Bowie's "Low".
		Knob A	Volume control Lyrs 2 and 3 (Strings)
		Knob B	FX-A Wet/Dry
		Knob C	FX-B Wet/Dry
		Knob D	Brightness (Filter Cutoff Freq)
		Knob D	filter resonance
		SW 2	
		SW 4	Disable Lyrs 1 and 4 (Mellotron Strings)
		CC Pedal	
112	Mooginet	Modwheel	String sounds on ELO's "Evil Woman".
		Knob A	Vibrato Depth
		Knob B	FX-A Wet/Dry
		Knob C	FX-B Wet/Dry
		Knob D	Hipass Filter Freq
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
113	ProgRockEpicLead	Modwheel	vibrato depth (octave pitchbend when sw4 on)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	
		SW 2	
		SW 4	Enable Pitch LFO
		CC Pedal	
		SW pedal 1	
114	FlangeCompSynth	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Lyr 1 octave pitchbend
		Knob D	Vibrato Rate
		SW 2	
		SW 4	Hi Pass Cut
		CC Pedal	
		SW pedal 1	
115	My Old PPG*2.3	Modwheel	Env attack & release control
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Env Filter Amount Lyr 1
		Knob D	env attack boost: impact
		SW 2	
		SW 4	Transpose Lyr 4 Up One Fifth
		CC Pedal	
		SW pedal 1	
116	Env Bass	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	
		SW 2	
		SW 4	Disable Lyr 1 and 2
		CC Pedal	
		SW pedal 1	
117	RMI Synth Bass	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Env Filter Amount
		Knob D	
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
118	EP Env Synth	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Env Filter Amount
		Knob D	
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
119	GuitarLikeSynth	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Env Filter Amount
		Knob D	Resonance
		SW 2	Slow Attack Envelope
		SW 4	Toggle guitar-like/bass-like timbre
		CC Pedal	
		SW pedal 1	
120	Cosmic Sus Pedal	Modwheel	Octave Pitch-Bend Lyr 3 (w/sus pedal) , Enable Filter LFO Lyr 4
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq) Lyr 1 and 4
		Knob D	
		SW 2	
		SW 4	Enable pedal pitchbend
		CC Pedal	
		SW pedal 1	Octave pitchbend Lyr 2 when SW4 on, Enable modwheel bend Lyr 3
121	PADzilla	Modwheel	Vibrato Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

Prog	Program Name	Controller	Description
122	Piano & Tron Vox	Modwheel	Filter on Choir, Chorus Depth on Piano when SW2 is On
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness Lyr 4 (choir)
		Knob D	Volume Control Lyr 4
		SW 2	Enable chorus on piano
		SW 4	Disable Choir Lyr
		CC Pedal	
		SW pedal 1	
123	Solina Choir	Modwheel	Slight Chorus Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (Filter Cutoff Freq)
		Knob D	Filter Resonance
		SW 2	Shorter release on choir and strings; longer attack on choir
		SW 4	Disable Choir layer
		CC Pedal	
		SW pedal 1	
124	Swell & Hold	Modwheel	Stepped Pitch LFO Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	
		SW 4	Filter LFO Rate
		CC Pedal	
		SW pedal 1	Enable Filter LFO
125	TouchRezSynthCP	Modwheel	Filter LFO Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	
		Knob D	Filter LFO Rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	
			Try playing this one softly and then hard, with the modwheel turned up.



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Classic Keys Programs

Prog	Program Name	Controller	Description
126	Funeral Gig	Modwheel	Vibrato Depth (slight)
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness (filter cutoff freq)
		Knob D	Filter Resonance
		SW 2	Shorter release on choir and organ; longer attack on choir
		SW 4	Disable organ layer
		CC Pedal	Swell choir (breath activated also)
		SW pedal 1	
127	The Ancient	Modwheel	Chorus Depth
		Knob A	FX-A Wet/Dry
		Knob B	FX-B Wet/Dry
		Knob C	Brightness:
		Knob D	Layer tuning, chorus rate
		SW 2	
		SW 4	
		CC Pedal	
		SW pedal 1	

# Classic Keys Setups

Setup	Setup Name	Controller	Description
A01	Jungle Boogie	Modwheel	
		Knob A	Volume Cntrl Zone 1 (Brass)
		Knob B	Brightness (Filter Cutoff Freq) Zone 1
		Knob C	Phaser Depth Zone 3 (EP)
		Knob D	Phaser Rate Zone 3
		SW 1	Octave Shift, Zone 2 (Bass)
		SW 2	
		SW 3	
		SW 4	Enable/Disable Octave Lyr Zone 1 (Brass)
		CC Pedal	Volume Cntrl Zone 1 (Brass)
		SW pedal 1	Sustain Zones 1 and 3
		Pwheel	Pitchbend, Zone 2
A02	Ac&E Bass Split	Modwheel	
		Knob A	FXA (Phaser) Wet/Dry, Zone 2 (EP)
		Knob B	Volume Cntrl Zone 2
		Knob C	
		Knob D	Brightness (Filter Cutoff Freq) Zone 1 (Ac Bass)
		SW 1	Octave Shift, Zone 1
		SW 2	
		SW 3	
		SW 4	Toggle Between Zone 2 & 3 (Ac and Elec Bass) (Volume Control)
		CC Pedal	
		SW pedal 1	Sustain Zone 2
		Mpress	Vibrato Depth, Zone 1
		Pwheel	Pitchbend Zones 1 and 3 (Ac and Elec Bass)

Setup	Setup Name	Controller	Description
A03	Sneakin Sally	Modwheel	Wah (Bandpass Freq) Zones 1 and 4
		Knob A	Volume Control Zone 1 (Wah Clav)
		Knob B	
		Knob C	Tremolo Depth Zone 2 (EP)
		Knob D	Tremolo Rate Zone 2
		SW 1	Octave Shift, Zone 1
		SW 2	
		SW 3	Enable/Disable Arpeggiator, Zone 1
		SW 4	Toggle Between Zone 2 and 4 (EP and Wah EP) (Volume Control)
		CC Pedal	Wah (Bandpass Freq) Zones 1 and 4
		SW pedal 1	Sustain Zones 1 and 4
		Pwheel	Pitchbend, Zone 1
			Inspired by Clav and EP sounds from Little Feat's Billy Payne, on Robert Palmer's "Sneakin' Sally"
A04	80's Minds	Modwheel	
		Knob A	FXA Wet/Dry Zones 1 and 2 (CP and ARP Str)
		Knob B	FXAB Wet/Dry, All Zones
		Knob C	Brightness (Filter Cutoff Freq) Zone 2 (ARP Str)
		Knob D	Filter Resonance Zone 2
		SW 1	Sustain Zones 1 and 2
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain Zones 1 and 2
		Mpress	Vibrato Depth, Zone 3 (Syn Bass)
		Pwheel	Pitchbend, Zones 2 and 3 (ARP and Syn Bass)

## Classic Keys Setups

Setup	Setup Name	Controller	Description
A05	Super StrTheory	Modwheel	Env Control, Zone 2 (ARP Str)
		Knob A	FXA Wet/Dry, Zones 1, 2 and 4
		Knob B	FXAB Wet/Dry, All Zones
		Knob C	Brightness (Filter Cutoff Freq) Zones 1, 2 & 4
		Knob D	Filter Resonance Zone 1 (Mellotron Str)
		SW 1	
		SW 2	
		SW 3	
		SW 4	Enable/Disable Stereo Synth Layers, Zone 3 (Synth Bass)
		CC Pedal	
		SW pedal 1	Sustain, zones 1 & 4 (Mellotron str and Syn str)
		Mpress	Vibrato Depth, Zone 1
A06	Black Cow Split	Modwheel	
		Knob A	Volume Control, Zone 1 (Clav)
		Knob B	Volume Control, Zone 2 (EP)
		Knob C	Brightness (Bandpass Freq) Zone 1
		Knob D	FXA Wet/Dry, Zone 1
		SW 1	Octave Shift, Zone 1
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, Zone 2 (EP)
		Pwheel	Pitchbend, Zone 1
A07	Progrock Church	Modwheel	Volume Control String Lyr, Zone 3 (Mellotron Str/Flt)
		Knob A	Lyr Crossfade, Zone 1 (Pipe Organ)
		Knob B	Brightness (Filter Cutoff Freq) Zone 2 (Mellotron Choir)
		Knob C	Brightness (Filter Cutoff Freq) Zone 3
		Knob D	Lyr Crossfade, Zone 1
		SW 1	Octave Shift, All Zones
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, All Zones

Setup	Setup Name	Controller	Description
A08	Sinister	Modwheel	Detune Layers, Zone 2 (RMI)
		Knob A	FXA Wet/Dry, Zones 1 and 2 (Clav and RMI)
		Knob B	FXAB Wet/Dry, All Zones
		Knob C	Brightness (Bandpass Freq) Zone 2
		Knob D	Volume Control "Attack Thump" Lyr, Zone 1
		SW 1	
		SW 2	
		SW 3	Enable/Disables Arpeggiator Zone 1
		SW 4	arpeggiator latch zone 1
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 and 2
A09	Old Vinyl Orch	Modwheel	
		Knob A	Volume Control, Zone 1 (Moby Strings)
		Knob B	Brightness (Filter Cutoff Freq) Zone 2 (Mellotron Str/Flt/Piano)
		Knob C	Volume Control, Zone 2
		Knob D	Volume Control "LP Scratch" Lyr, Zone 1
		SW 1	Octave Shift Zones 1 and 2
		SW 2	
		SW 3	
		SW 4	Enable/disable str lyr, zone 2
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 and 2
		Pwheel	Pitchbend, All Zones
A10	Electric Sheep	Modwheel	Env Control Zone 2 (ARP Str)
		Knob A	Volume Control, Zone 1 (Syn Lead)
		Knob B	Brightness (Filter Cutoff freq) Zone 2
		Knob C	Volume Control, Zone 2
		Knob D	Filter Resonance, Zone 1
		SW 1	Octave shift zones 1 & 2
		SW 2	
		SW 3	Arpeggiator On, Zone 1
		SW 4	
		CC Pedal	
		SW pedal 1	Arpeggiator Latch, Zone 1 Sustain, Zone 2
		Mpress	Vibrato Depth, Zone 1
		Pwheel	Pitchbend, Zone 1

Classic Keys Setups

Setup	Setup Name	Controller	Description
A11	Phase Dist Splt	Modwheel	Phaser Notch Width, Zone 2 (EP)
		Knob A	Volume Control, Zone 1 (Clav)
		Knob B	Volume Control, Zone 2
		Knob C	Phaser Depth, Zone 2
		Knob D	Phaser Rate Zone 2
		SW 1	Octave Shift, Zone 1
		SW 2	
		SW 3	
		SW 4	enable/disable phaser, zone 1
		CC Pedal	
		SW pedal 1	sustain, Zone 2 (EP)
		Pwheel	Pitchbend, Zones 1 & 3
A12	Dark Split D2	Modwheel	Brightness (Filter Cutoff Freq) Zone 1 (Clav)
		Knob A	FXA Wet/Dry, Zones 1 2 and 3
		Knob B	Filter LFO Rate, Zone 1
		Knob C	Brightness Zones 3 and 4 (EP and Syn Bass)
		Knob D	Arpeggiator Tempo
		SW 1	Octave Shift Zone 1
		SW 2	
		SW 3	Enable/Disable Arpeggiator, Zone 3
		SW 4	Volume Boost, Zone 4
		CC Pedal	
		SW pedal 1	Sustain, zones 1 2 & 4, Arpeggiator latch, zone 3
		Mpress	Filter Boost, Zone 4
		Pwheel	Pitchbend, Zones 1 & 4
A13	Fretless/E. Grand	Modwheel	Brightness (Filter Cutoff Freq), Zone 4 (Strings)
		Knob A	FXA Wet/Dry Zones 1 2 and 4 (CP, Flutes, Str)
		Knob B	FXAB Wet/Dry All Zones
		Knob C	Brightness, Zones 1 and 2
		Knob D	Filter Resonance, Zone 1
		SW 1	Octave Shift, Zones 1 and 4
		SW 2	Filter Boost, Zone 3 (Fretless Bass)
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, Zones 1, 2 & 4
		Mpress	Vibrato, Zone 3
		Pwheel	Pitchbend Zone 3

Setup	Setup Name	Controller	Description
A14	12 Str Arp&Vox	Modwheel	Filter LFO Depth, Zone 3 (ARP+Syn)
		Knob A	Brightness (Filter Cutoff Freq) Zone 1 (12-str Guitar)
		Knob B	Brightness (Filter Cutoff Freq) Zone 2 (Mellotron Vox)
		Knob C	Volume Control Zone 2, Brightness, Zone 3
		Knob D	Volume Control ARPStr Lyr, Zone 3
		SW 1	Octave Shift, All Zones
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, All Zones
		Pwheel	Pitchbend, All Zones
			Inspired by 2 songs- Pink Floyd's "Wish You Were Here" and "Entangled" by Genesis.
A15	Analog Ether	Modwheel	Arpeggiator Tempo
		Knob A	Brightness (Filter Cutoff Freq) Zone 1 (Swell&Hold)
		Knob B	Volume Control, Zone 2 (Piano)
		Knob C	Brightness (Filter Cutoff Freq) Zone 3
		Knob D	Volume Control Zone, 3
		SW 1	Octave Shift, All Zones
		SW 2	
		SW 3	Enable/Disable Arpeggiator, Zone 3
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, All Layers, Enable/Disable Filter LFO, Zone 1
		Pwheel	Pitchbend, Zone 1

## Classic Keys Setups

Setup	Setup Name	Controller	Description
A16	Old Movie Score	Modwheel	Tremolo Depth, Zone 3 (Mellotron Flutes)
		Knob A	FXB Wet/Dry, All Zones
		Knob B	Brightness (Filter Cutoff Freq) Zone 1 (Mellotron Str/Flute)
		Knob C	Env Attack Control, Zone 2 (Lyrical Strings)
		Knob D	Brightness (Filter Cutoff Freq) Zone 2
		SW 1	Octave Shift, Zones 1 & 4 (Mellotron Str & Orch Pad)
		SW 2	Enable/Disable Alt Start, Zone 3
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 and 4
		Pwheel	Pitchbend, All Zones
A17	F#1Kick CP/Str	Modwheel	Tremolo Depth, Zone 1 (CP)
		Knob A	FXA Wet/Dry Zones 1 and 2 (CP and Beat Box)
		Knob B	FXAB Wet/Dry All Zones
		Knob C	Brightness (Filter Cutoff Freq) Zones 1 and 2
		Knob D	Tremolo Rate, Zone 1
		SW 1	Octave Shift, Zone 1
		SW 2	Enable/Disable octave lyr, zone 3 (Mellotron Strings)
		SW 3	Enable/Disable Arpeggiator, Zone 2
		SW 4	Arpeggiator latch, zone 2
		CC Pedal	
		SW pedal 1	Sustain, Zone 1
			Inspired by U2's song, "Beautiful Day"
A18	LittleFeat Keys	Modwheel	Tremolo Depth, Zone 1 (Wurlly)
		Knob A	Brightness (Filter Cutoff Freq) Zone 1
		Knob B	Brightness (Filter Cutoff Freq) Zone 2 (ARP+Synth)
		Knob C	
		Knob D	
		SW 1	Octave Shift, All Zones
		SW 2	
		SW 3	
		SW 4	Unmutes Zone 3 (piano), Mutes Zones 1 and 2 (Volume Control)
		CC Pedal	
		SW pedal 1	Sustain, All Zones
		Pwheel	

Setup	Setup Name	Controller	Description
A19	Mono Mayhem	Modwheel	Delay Time for Echo Lyrs, Zone 3 (RMI)
		Knob A	Arpeggiator Tempo
		Knob B	
		Knob C	Filter env amount, zone 3
		Knob D	
		SW 1	
		SW 2	Enable/Disable Pitch LFO Zone 2 (Syn Lead)
		SW 3	Enable/Disable Arpeggiator, Zones 1 and 3 (PPG and RMI)
		SW 4	Enable/Disable Transposed Lyrs, Zones 1 & 3
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 and 2
		Pwheel	Pitchbend, Zones 2 & 4
A20	Tight & Bright	Modwheel	Vibrato Depth Zones 2 and 4 (RezPoly and FlangeComp)
		Knob A	Volume Control, Zone 2
		Knob B	Volume Control, Zone 1 (Syn Bass)
		Knob C	Volume Control, Zone 4
		Knob D	Brightness (Filter Cutoff Freq), Zone 1
		SW 1	Octave Shift, Zone 1
		SW 2	
		SW 3	
		SW 4	Enable/Disable Octave Lyr, Zone 4
		CC Pedal	Brightness (Filter Cutoff Freq), Zones 2 and 4
		SW pedal 1	Sustain, Zones 2 & 4
		Pwheel	Pitchbend, Zones 2 & 4
		Mpress	Vibrato Depth Zone 4

Classic Keys Setups

Setup	Setup Name	Controller	Description
A21	Sad Gabriel	Modwheel	Vibrato Depth, Zone 3 (ARP Pad)
		Knob A	Brightness (Filter Cutoff Freq) Zone 1 (CP)
		Knob B	Brightness (Filter Cutoff Freq) Zone 2 (ARP Pad)
		Knob C	Brightness (Filter Cutoff Freq) Zone 3 (ARP Pad)
		Knob D	Filter Resonance, Zone 2
		SW 1	Octave Shift, All Zones
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, All Zones
		Pwheel	Pitchbend All Zones
A22	MonoBass /E.Pno	Modwheel	Tremolo Depth, Zone 1 (EP)
		Knob A	FXA Wet/Dry Zones 1 2 and 4 (EP, RMI and Mooginet)
		Knob B	FXAB Wet/Dry, All Zones
		Knob C	Brightness (Filter Cutoff Freq) Zone 1,
		Knob D	Hi-pass Filter, Zone 4
		SW 1	Octave Shift, Zone 4
		SW 2	Enable/Disable Octave Lyr, Zone 3 (Mono Syn Bass)
		SW 3	Enable/Disable Arpeggiator, Zones 3 and 4
		SW 4	Arpeggiator Latch
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 and 2

Setup	Setup Name	Controller	Description
A23	Marillion Keys	Modwheel	
		Knob A	Brightness (Filter Cutoff Freq) Zone 1 (CP)
		Knob B	Volume Control, Zone 3 (Organ Pedal Bass)
		Knob C	Brightness (Filter Cutoff Freq) Zone 2 (ARP+Synth )
		Knob D	Volume Control, ARP Lyr, Zone 2
		SW 1	Octave Shift, All Zones
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, zones 1, 2, & 3
		Pwheel	Pitchbend, Zone 2
			Inspired by Marillion's "The Thieving Magpie".
A24	Cripple Creek	Modwheel	Wah (Bandpass Freq) Zone 2 (Clav)
		Knob A	Volume Control, Zone 1 (Organ)
		Knob B	
		Knob C	Brightness (Filter Cutoff Freq) Zone 1
		Knob D	Bandpass Width, Zone 2
		SW 1	Octave Shift, Zone 2
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	Wah (Bandpass Freq) Zone 2 (Clav)
		SW pedal 1	Sustain, Zones 1 and 3
			Inspired by The Band's "Cripple Creek"

## Classic Keys Setups

Setup	Setup Name	Controller	Description
A25	Sky Watcher	Modwheel	Leslie Fast/Slow Zone 1 (Organ)
		Knob A	FXA Wet/Dry Zones 1 2 and 4 (Organ, Strings, Perc)
		Knob B	FXAB Wet/Dry all Zones
		Knob C	Brightness (Filter Cutoff Freq) Zones 1 2 and 4
		Knob D	
		SW 1	Octave Shift, Zone 2
		SW 2	Goto Program 124 (Swell and Hold), Zone 2
		SW 3	
		SW 4	Tone, Zone 1
		CC Pedal	
		SW pedal 1	sustain, zones 1, 2, & 4"
			Inspired by Genesis' "Watcher in The Skies"
A26	Baroque Classic	Modwheel	
		Knob A	FXA Wet/Dry Zones 2 3 and 4 (RMI, Strings, and Choir)
		Knob B	
		Knob C	Brightness (Filter Cutoff Freq) Zone 4
		Knob D	
		SW 1	Octave Shift, Zone 2
		SW 2	
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain, Zones 2, 3, and 4
A27	Sweep Split	Modwheel	Env Control, Zone 1 (ARP Str)
		Knob A	FXA Wet/Dry, All Zones
		Knob B	FXAB Wet/Dry, All Zones
		Knob C	Brightness (Filter Cutoff Freq) Zone 1
		Knob D	Filter Resonance, Zone 1
		SW 1	Octave Shift, Zone 1
		SW 2	Enable/Disable Octave Lyrs, Zone 1
		SW 3	Enable/Disable Arpeggiator, Zones 3 and 4
		SW 4	Arpeggiator Latch
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 2 and 4

Setup	Setup Name	Controller	Description
A28	WarpDrive Pad	Modwheel	Vibrato Depth, Zone 1 (Dinosaur Lead)
		Knob A	Volume Control, Zone 1
		Knob B	Brightness, Zone 2 (ARP Str)
		Knob C	Brightness, Zone 3 (Mellotron Str)
		Knob D	Filter Resonance, Zone 1
		SW 1	Octave Shift, All Zones
		SW 2	Enable/Disable "LP Scratch" Lyr, Zone 4 (Moby Strings)
		SW 3	Enable/Disable Arpeggiator, Zones 1 and 4
		SW 4	Enable/Disable Octave Lyr, Zone 2
		CC Pedal	
		SW pedal 1	Latch Arpeggiator, sustain zone 1, 2, & 4"
		Pwheel	Pitchbend Zones 1 and 4
A29	Porcelain	Modwheel	
		Knob A	FXB Wet/Dry Zones 1 2 and 3 (Piano, Phantom Str, Moby Str)
		Knob B	Enable/Disable "LP Scratch" Lyr, Zone 3 (Moby Strings)
		Knob C	Brightness (Filter Cutoff Freq), Zones 2 and 3 (Phantom Str, Moby Str)
		Knob D	Brightness (Filter Cutoff Freq), Zone 4 (Dreamcatcher)
		SW 1	Octave Shift, Zones 1, 2, and 4
		SW 2	
		SW 3	Enable/Disable Arpeggiator, Zones 2, 3, and 4
		SW 4	Arpeggiator Latch
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 and 2
		Pwheel	Pitchbend, Zones 2 & 3
			Inspired by Moby's "Porcelain" from "Play"

Setup	Setup Name	Controller	Description
A30	VelSwitch E Pno	Modwheel	Brightness (Bandpas Freq), Zone 1 (RMI)
		Knob A	FXA Wet/Dry, Zones 1 2 and 3 (RMI, Pianet, Clav)
		Knob B	FXAB Wet/Dry All Zones
		Knob C	
		Knob D	Brightness (filter cutoff freq), Zone 2 (Pianet)
		SW 1	Octave Shift, Zone 1
		SW 2	Enable/Disable "Rhythm" Lyr, Zone 3
		SW 3	Enable/Disable Arpeggiator, Zones 2 3 and 4
		SW 4	Arpeggiator Latch
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 and 4
A31	Van Halen Keys	Modwheel	Filter LFO Depth, Zone 3 (Arp+Ober)
		Knob A	Brightness (Filter Cutoff Freq), Zone 1 (EP)
		Knob B	
		Knob C	Brightness (Filter Cutoff Freq), Zone 3
		Knob D	Volume Control Arp Str Lyr, Zone 3
		SW 1	Octave Shift, Zone 3
		SW 2	Env Attack Control Zone 4 (Syn Comp)
		SW 3	
		SW 4	
		CC Pedal	
		SW pedal 1	Sustain Zones 1 and 3 (EP and Arp)
		Pwheel	Pitchbend Zone 3
			Zone 1- distorted Wurly from "Cradle Will Rock"
			Zone 3 & 4- dist synth/syn bass of "I'll Wait"

Setup	Setup Name	Controller	Description
A32	Eggman Keys	Modwheel	Vibrato Depth, Zone 2 (Mellotron Str)
		Knob A	Volume Control Zone 1 (Pianet)
		Knob B	Brightness (Filter Cutoff Freq), Zone 2
		Knob C	Brightness (Filter Cutoff Freq), Zone 3 (ELO Str)
		Knob D	Filter Resonance, Zone 1
		SW 1	Octave Shift, All Zones
		SW 2	
		SW 3	
		SW 4	Mute Zone 2
		CC Pedal	
		SW pedal 1	Sustain, Zones 1 2 & 3
		Pwheel	Pitchbend, Zones 2 & 3