

Kurzweil PCR-1

Orchestral Expansion Board for the PC2

User's Guide

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KURZWEIL
Music Systems

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PCR-1 User's Guide

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PC2 Version 3 Operating System Features

Many of the new features in the Version 3 operating system support the programs and setups in the PCR-1 option. There are several other new features as well, however. This section describes all of the new features, which fall into the following categories:

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GM Control Parameters

PC2s with the Version 3 operating system and the PCR-1 option support General MIDI 1 (GM). You can turn on GM mode and play any GM file using the PC2.



Note: For GM files to play correctly, the GM program set must be present in the PC2—it can be in either ROM (Bank 2, Exp1) or in RAM (Bank 1, User), but it has to be present.

The parameters that control the PC2's GM functions are in the Global menu. There are three of them: General MIDI, GM Bank, and GM FX Scale.

General MIDI

Use this parameter to turn GM mode on and off. Set the value to **On** to activate GM mode; set the value to **Off** to return to normal operation. When you turn your PC2 off, it remembers whether GM mode was on, and starts up in the same state the next time you turn the PC2 on.

You can also activate/deactivate GM mode with a System Exclusive (SysEx) message to the PC2. To turn GM mode on via SysEx, send this message:

```
F0 7E <device ID> 09 01 F7
```

The value you use for <device ID> must match the value of the Device ID parameter in the Global menu. By default it's **0**, so unless you've changed it, your SysEx message should include **00** for <device ID>. You can also use **7F** as the Device ID to broadcast to all receiving instruments.

To turn GM mode off via SysEx, send this message:

```
F0 7E <device ID> 09 02 F7
```

What Happens When You Turn GM Mode On

When General MIDI is **On**, the PC2 sets all MIDI channels (except Channel 10, the Drum channel) to play programs in the bank where the GM programs are stored (Bank 2, Exp1 if you installed the GM programs into ROM, or Bank 1, User if you loaded them into RAM; see *GM Bank* below for more information). Channel 10 plays programs in Bank 7; these are drum programs, with program change numbers reconfigured to match the GM specification.

To ensure the proper dynamic response to GM files, the PC2 adjusts the receive velocities using a specialized touch map. If you have a PC2R, you'll see this value if you select the Touch parameter in the Global menu (it doesn't show up on keyboard models).

Because GM handles effects levels differently, the PC2 scales down the levels of FX A and FX B. You can adjust the amount of scaling manually, using the GM FX Scale parameter (described on page 8).

What Happens When You Turn GM Mode Off

When General MIDI is **Off**, all MIDI channels are reassigned to play Bank 0 (Int), Program **000**. The programs in Bank 7 return to their normal configuration; the value of the Touch parameter returns to its former value (which the PC2 remembers if you turn the power off); the effect levels return to their former state.

GM Bank

The GM Bank parameter lets you manually specify the bank where your GM programs are stored. The default value is **Auto**, which means that when you turn GM mode on, the PC2 checks for the GM programs and automatically sets all MIDI channels (except 10) to play programs in the bank where it finds the GM programs. The display shows you which bank is found (Exp1) in the example below, so the display looks like this:

```
Global Settings
GM Bank (Exp1): Auto
```

You'll almost never need to change the default value of Auto for GM Bank. In fact, there's only one such case: when you've loaded your GM programs into RAM instead of installing them into ROM, and you've deleted Program **127 Gunshot** (which is the program the PC2 looks for when it checks to see which bank contains the GM programs). In this case, when you turn GM mode on, the PC2 is unable to select the right bank automatically (and the GM Bank parameter shows **None** in parentheses). Set the value of GM Bank to **User**, forcing the PC2 to play the programs in the User bank. The display still shows **(None)** for GM Bank, but you have access to the GM programs.

GM FX Scale

With this parameter you can control how much the effect levels are reduced when you're in GM mode (which is done to make the effect levels consistent with GM instruments). By default, the value is **25%**, which means that the values of Controllers 93 FXAWet and 91 FXBWet are multiplied by .25, and the effects are 75% drier. Increase the value of GM FX Scale to make the effects wetter; reduce it to make them drier.

New Parameters for Displaying Software Versions

The Global menu contains three new parameters: Int Sound Ver, Exp1 Ver, and Exp2 Ver. These parameters can't be edited; they're there to show the versions of the soundware files installed in your PC2.

Int Sound Ver shows the version of the basic (Internal Voices) soundware objects.

Exp1 Ver shows the version of the PCR-1 soundware file (assuming it's installed in ROM and not loaded in RAM); the value of Exp1 Ver includes either **PCR1** or **GM** to indicate which program set is installed in ROM.

Exp2 Ver shows the version of the PCR-2 soundware file (the PCR-2 option is not released as of this printing).

New Demo Features

We've added a few features to the PC2's Demo mode. It's now easier to find and play the demo songs. You can also load the songs into RAM, save (dump) them to an external device (a computer sequencer application, for example), and delete them from RAM.

Playing the Demos

1. Go into Demo mode. On keyboard models, press **Sound Select 14** and **Sound Select 16** at the same time; on rack-mount models, press the **MIDI Receive** and **Global** buttons at the same time. The top line of the display shows **DEMO:** followed by the ID and name of the currently selected demo song.

2. Use the Alpha Wheel or the **Minus** or **Plus** button to select the demo to play.
3. Press **Enter** to play the current song, or **Cancel** to return to a performance mode.

The IDs of the demo sequences correspond to the banks where they're stored:

1–9	Bank 0 (Internal)
10–19	Bank 1 (User)
20–29	Bank 2(Exp1)
30–39	Bank 3 (Exp2) (for future release)

Loading Demos into RAM

You can load PC2 demo songs into RAM by playing them with a sequencer that's connected to the PC2. The demos are specialized .MID files that contain SysEx data. When you play these files with your sequencer, the PC2 recognizes the SysEx data and loads the songs into RAM.

The procedure for loading demos into RAM is similar to that for loading program/setup files into RAM. For details, see *Loading Program/Setup Files Into RAM* below

On the CD, the demo files are in the folder (directory) called **base_demo** or **pcr1_demo**, which is in the folder called **ram**.

Deleting and Dumping Demos

You can delete demo songs to gain RAM space, and you can dump them to files via SysEx so that you can load them again at a later time without having to use the CD.



Note: The PC2 allows you to select ROM demos and execute the delete function as if you were really deleting the ROM demos. They don't truly get deleted, however. You can actually delete only those demos that you've loaded in RAM.

1. Go into Demo mode. On keyboard models, press **Sound Select 14** and **Sound Select 16** at the same time; on rack-mount models, press the **MIDI Receive** and

Global buttons at the same time. The top line of the display shows **DEMO:** followed by the ID and name of the currently selected demo song.

2. Use the Alpha Wheel or the **Minus** or **Plus** button to select the desired demo. If you're going to dump the demo, make sure you have a MIDI connection between the MIDI Out of the PC2 and the MIDI In of the receiving device.
3. Press **Store** (on keyboard models) or **Edit/Store** (on rack-mount models). The PC2's display asks you if you want to delete the current demo.
4. Skip to Step 5 if you want to dump the demo. Otherwise press **Enter** to delete the demo. When it's gone, the display shows **Deleted!** If you decide not to delete the demo, press **Cancel** instead of **Enter**; this returns you to Demo mode.
5. Press the **Right** cursor button. The display asks if you want to dump the current demo.
6. Press **Enter** to start the dump. On keyboard models, the LED in the **MIDI Xmit** button lights to indicate the data flow. When the dump is finished, the display shows **Demo Dumped!** briefly, then returns to the **Dump Demo?** prompt.

Using Sound Categories (PC2R only)

The PC2R doesn't have the **Sound Select** buttons that are featured on the keyboard models, but you can still make use of the sound categories.

1. Press the **Group/Menu** button to display the list of categories.
2. Use the Alpha Wheel to select a category.
3. Press **Enter**. This selects the first program in the category, and returns the display to normal.

The length of the list of categories depends on which set of programs you've installed in ROM/loaded in RAM. When you install/load the GM set, 16 new categories appear in a continuous block immediately before the User category

(which is near the end of the list). When you install/load the *Orchestral* set, 16 new categories are inserted at different points within the list of *Internal* categories. Unlike the *GM* categories, the *orchestral* categories aren't just inserted in a continuous block; they're organized so that they're listed with similar categories (for example, all the non-*GM* string categories appear next to each other in the list).

Loading Program/Setup Files Into RAM

The set of programs you're going to use most—*Orchestral* or *GM*—is the set you should install in *ROM*. That way the programs/setups will always be available, even if you do a hard reset.

Whichever set you decide to install in *ROM*, you can still have access to the other set of programs, by loading them into *RAM*. This set of programs stays in *RAM* until you load something else into *RAM* or do a hard reset.



Caution: Loading files into *RAM* replaces some or all of the objects already stored there. When you load the *GM* set into *RAM*, it replaces all the programs in the *User* bank. When you load the *Orchestral* set, it replaces all the programs in the *User* bank, as well as *Setups 001–032* in the *User* bank. If you don't want to lose these programs and setups, you should dump (save) them before loading. See your instrument's *User's Guide* for instructions.

1. Connect a *MIDI* cable from the *MIDI Out* of your computer or sequencer to the *MIDI In* of the *PC2*.
2. Insert the *PC2 CD* into the *CD-ROM* drive of your computer or sequencer.
3. Launch your sequencer application if necessary.
4. Save (dump) any programs in the *User* bank that you want to keep, because they'll be erased when you load the *MIDI* file (this also applies to *Setups 001–032* in the *User* bank if you load the *Orchestral* program set).
5. Open the *MIDI* file that you want to load in *RAM*. The *Orchestral* file's name is **ORCHRAM.mid**, and the *GM*

file's name is **GMRAM.mid**. Please note that these are not the same files as the ROM versions.

6. Play the MIDI file. The file's contents automatically get loaded in RAM. The LED in the **MIDI Recv** button lights to indicate the data flow.
7. Turn your instrument off, then on again (or do a *soft* reset; *don't* do a hard reset). Always do this when you load one of these files into RAM. This enables the instrument to reinitialize with the proper sound and program information.



Note: If your instrument has the PCX-1 Polyphony Expansion Option, the initialization described in Step 7 takes several seconds. The PC2's display indicates the progress of the initialization.

PCR-1 Orchestral Program Information

General Program Notes

The PCR-1 programs are in Bank 2 (Exp1), and are numbered from **000** to **127**.

Most programs respond to common MIDI controller numbers (like 7 Volume, 64 Sustain, 66 Sostenuto, and 67 Soft). When a program has a different response to one or more common controller, the controller information for the program (beginning on page 17) indicates the program's response.

Strings

For programs whose names include **prs**, you can control vibrato rate and depth with Mpress or Mod Wheel.

Programs whose names include **vib** have built-in vibrato. Programs whose names include **p/v** also have a certain amount of built-in vibrato; for these programs you can increase the vibrato rate and depth with Mpress and Mod Wheel.

Woodwinds

Programs whose names include **solo** are designed primarily for single-line playing. Programs with **ens** in their names are designed for playing polyphonically or for single lines in an ensemble context. Unless otherwise indicated, Mpress and Mod Wheel control the vibrato of solo programs. Ensemble programs have built-in vibrato, which you can increase with Mpress and Mod Wheel.

For programs whose names include **slow**, we recommend using the Expression control (MIDI 11) to fade long notes.

GM Drum Kits

There are eight GM drum programs, which are stored in Bank 7. These programs are always available (even if you have installed only the Orchestral program set). When you're in GM mode, the GM drum program change numbers get remapped to comply with the GM specification. They return to their normal program change numbers when you turn GM

mode off. The value of the Drum Remap parameter does not affect these programs, regardless of whether you're in GM mode. The Drum Remap parameter affects only the drum programs that are *not* in Bank 7.

Velocity Triggers (VTrig)

Some programs (such as Program **076 Pizz & Timp** in the Orchestral set) use velocity triggers (VTrig) to alter their sounds. A VTrig takes effect when you play a note above (or below) a certain volume (attack velocity). Program **076**, for example, is pizzicato strings until you play above mezzoforte, when you do, a timpani is added to the pizzicato.

PCR-1 Orchestral Programs

Solo Strings	000	Fast Violin prs	Orch Brass	043	Soft Trumpet
	001	Med Violin vib		044	Slow Soft Trp
	002	Slow Violin p/v		045	Hard Trumpet
	003	Fast Viola prs		046	Slo Hard Trumpet
	004	Med Viola prs		047	Slow Horn & Trp
	005	Slow Viola p/v		048	Solo Fr Horn
	006	Fast Cello prs		049	Ensemble Fr Horn
	007	Med Cello p/v		050	Fr Horn Sect 1
	008	Slow Cello vib		051	Fr Horn Sect 2
	009	Studio Cello		052	Horn Section
	010	Studio Bass		053	Solo Trombone
	011	Recital Bass		054	Ensemble Bone
	012	Slow Bass prs		055	Solo Tuba
String Sections	013	Slow Bass vib	056	sfz Orch Tuba	
	014	Slow String Orch	057	Jazz Harmon Trp	
	015	Studio Strings	058	Ballad Harmon Trp	
	016	Chamber Strings	059	sfz SoftTrp Sect	
	017	Baroque Strings	060	St Jazz Brass sw	
	018	Intense Strings	061	sfz Jazz Brass	
	019	Staccato Strings	062	Stereo Brass sw	
	020	Fast Tremolando	063	Solo Sax	
	021	Med Tremolando	064	Stolen Moments	
	022	Slow Tremolando	065	Harmon Band	
	023	Vtrig Tremolando	066	Slow Dyn Orch	
	024	Full Pizzicato	067	Fast Dyn Orch	
	Woodwinds1	025	Medium Pizzicato	068	Total Orch 1
026		Dry Pizzicato	069	Total Orch 2	
027		Solo Flute prs	070	sfz Orch prs	
028		Solo Flute vib	071	Winds & ChmbStr	
029		sfz Ens Flute	072	Winds & Strings	
030		Solo Oboe	073	Horns & Strings	
031		Slow Oboe	074	Woodwind Section	
032		Ensemble Oboe	075	Reeds & Bells	
033		Solo Eng Hrn prs	076	Pizz & Timp	
034		English Horn vib	077	Cathedral Choir	
Woodwinds2	035	Slow EngHorn prs	078	Aah Choir prs	
	036	Solo Clarinet	079	Mixed Choir	
	037	Slow Clarinet	080	Choir from Above	
	038	Ens Clarinet	081	DivineIntervtn	
	039	Solo Bassoon	082	Chapel Organ	
	040	Solo Bassoon vib	083	Cathedral Organ	
	041	Ens Bassoon/Oboe	084	Pipes 16'8',reed	
	042	Solo Dbl Reeds	085	Full Pipes	
Jazz Brass	057	Jazz Harmon Trp	Orchestra	066	Slow Dyn Orch
	058	Ballad Harmon Trp		067	Fast Dyn Orch
	059	sfz SoftTrp Sect		068	Total Orch 1
	060	St Jazz Brass sw		069	Total Orch 2
	061	sfz Jazz Brass		070	sfz Orch prs
	062	Stereo Brass sw		071	Winds & ChmbStr
	063	Solo Sax		072	Winds & Strings
	064	Stolen Moments		073	Horns & Strings
	065	Harmon Band		074	Woodwind Section
	066	Slow Dyn Orch		075	Reeds & Bells
Orchestra Ensembles	067	Fast Dyn Orch	Choir	076	Pizz & Timp
	068	Total Orch 1		077	Cathedral Choir
	069	Total Orch 2		078	Aah Choir prs
	070	sfz Orch prs		079	Mixed Choir
	071	Winds & ChmbStr		080	Choir from Above
Organ	072	Winds & Strings	Organ	081	DivineIntervtn
	073	Horns & Strings		082	Chapel Organ
	074	Woodwind Section		083	Cathedral Organ
	075	Reeds & Bells		084	Pipes 16'8',reed
	076	Pizz & Timp		085	Full Pipes

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PCR-1 Orchestral Programs

Harp	086	<i>Orch Harp</i>	108	<i>Modern Blockage</i>
	087	<i>Stereo Solo Harp</i>	109	<i>Beaty Drum</i>
	088	<i>Harp Oasis</i>	110	<i>Cage's Ensemble</i>
	089	<i>Under Harp</i>	111	<i>New Touch Perc</i>
Guitar	090	<i>Classical Guitar</i>	112	<i>Perc & Blocks</i>
	091	<i>Silky Nylons</i>	113	<i>Puppet Show Perc</i>
	092	<i>Romantic Nylon</i>	114	<i>Pop Can Perc</i>
	093	<i>Mando-Lute</i>	115	<i>Onklungy Perc</i>
Orchestral Percussion 1	094	<i>Orch Chimes</i>	116	<i>Skullophones</i>
	095	<i>Stereo Chimes</i>	117	<i>Exotic Mallets</i>
	096	<i>Chime Bell</i>	118	<i>Acoustic Mbira</i>
	097	<i>Chimes/Glock</i>	119	<i>St Elec Mbira</i>
	098	<i>Glockenspiel</i>	120	<i>Perc Harp</i>
	099	<i>Orch Celeste</i>	121	<i>Pluck & Block</i>
	100	<i>Xylophone</i>	122	<i>Hybrid Pluck</i>
Orchestral Percussion 2	101	<i>Orch Percussion</i>	123	<i>Bells/Mark Tree</i>
	102	<i>Orch Timpani</i>	124	<i>Circus Glitter</i>
	103	<i>Solo Timpani</i>	125	<i>Swing'n Chimes</i>
	104	<i>Dynamic Timpani</i>	126	<i>Crystal Lagoon</i>
	105	<i>Temple Blocks</i>	127	<i>Clang Clang</i>
	106	<i>Stereo Tam-tam</i>		
	107	<i>Trap Set</i>		
Percussion 3				
Percussion 4				

Controllers for PCR-1 Orchestral Programs

Certain physical controllers on the keyboard and rack-mount models have corresponding assignments but different names (for example, Slider A and Green Knob A). In these cases, the keyboard names are followed by the rack-mount names.

000 Fast Violin *prs*

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>
<i>SwitchPdl 2 (Sostenuto, 66)</i>	<i>Increases release time</i>

001 Med Violin *vib*

This program has no specific controller assignments.

002 Slow Violin *p/v*

<i>Mod Wheel / Red Knob B</i>	<i>Increases vibrato rate and depth</i>
<i>Mpress</i>	<i>Increases vibrato rate and depth</i>

003 Fast Viola *prs*

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>
<i>SwitchPdl 2 (Sostenuto, 66)</i>	<i>Increases release time</i>

004 Med Viola *prs*

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

005 Slow Viola *p/v*

<i>Mod Wheel / Red Knob B</i>	<i>Increases vibrato rate and depth</i>
<i>Mpress</i>	<i>Increases vibrato rate and depth</i>

006 Fast Cello *prs*

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

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Controllers for PCR-1 Orchestral Programs

007 Med Cello p/v

Mod Wheel / Red Knob B	Increases vibrato rate and depth
Mpress	Increases vibrato rate and depth

008 Slow Cello vib

SwitchPdl 2 (Sostenuto, 66)	Increases release time
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009 Studio Cello

SW2 / Amber Swch B (9)	Slightly darker timbre
Mod Wheel / Red Knob B	Vibrato
Mpress	Vibrato
SwitchPdl 3 (Soft 67)	Cuts off sustain/different articulation, staccato

010 Studio Bass

Mod Wheel / Red Knob B	Vibrato
Mpress	Vibrato
SwitchPdl 3 (Soft 67)	Cuts off sustain/different articulation, staccato

011 Recital Bass

Slider D / Green Knob D (13)	Timbre control: slightly brighter
SW5 / Red Switch A (29)	Enables Layer 2 (body resonance)
Mod Wheel / Red Knob B	Vibrato
Mpress	Vibrato
SwitchPdl 3 (Soft 67)	Cuts off sustain/different articulation, staccato

012 Slow Bass prs

Mod Wheel / Red Knob B	Vibrato rate and depth
Mpress	Vibrato rate and depth

013 Slow Bass vib

SwitchPdl 2 (Sostenuto, 66)	Increases release time
-----------------------------	------------------------

014 Slow String Orch

SW3 / Amber Swch C (12)	Disables Layer 2 (Solo Strings)
Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

015 Studio Strings

Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

016 Chamber Strings

Slider D / Green Knob D (13)	Controls volume of Layer 3 (string section)
Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

017 Baroque Strings

Slider C / Green Knob C (6)	Controls filter
Slider D / Green Knob D (13)	Controls volume of Layer 3 (string section)
Mod Wheel / Red Knob B	Adds tremolo

018 Intense Strings

Slider C / Green Knob C (6)	Amplitude control for Tremolo layer
Slider D / Green Knob D (13)	Increases tremolo sustain
SW3 / Amber Swch C (12)	Disables Layer2 (sustaining strings) and makes it staccato
Mod Wheel / Red Knob B	Amplitude control for Layer 2 (sustaining strings)
SwitchPdl 3 (Soft 67)	Disables Layer2 (sustaining strings) and makes it staccato

019 Staccato Strings

Slider C / Green Knob C (6)	Controls attack envelope when MIDI 12 or Soft pedal is ON
Slider D / Green Knob D (13)	Controls decay rate of velocity-triggered tremolo layer
SW3 / Amber Swch C (12)	Switches from staccato to sustaining
Mod Wheel / Red Knob B	Amplitude control for Layer 1 (tremolo)
SwitchPdl 3 (Soft 67)	Switches from staccato to sustaining
VTrig	Triggers tremolo at forte when MIDI 13 is ON

020 Fast Tremolando

SW5 / Red Switch A (29)	Selects a Sfz/pp version of the program
Mod Wheel / Red Knob B	Controls swell
Mpress	Controls swell

021 Med Tremolando

Mod Wheel / Red Knob B	Controls swell
Mpress	Controls swell

022 Slow Tremolando

<i>SW5 / Red Switch A (29)</i>	<i>Selects a lighter version of the program</i>
<i>Mod Wheel / Red Knob B</i>	<i>Controls expression</i>
<i>Mpress</i>	<i>Controls expression</i>

023 Vtrig Tremolando

<i>Mod Wheel / Red Knob B</i>	<i>Controls expression</i>
<i>Mpress</i>	<i>Controls expression</i>
<i>VTrig</i>	<i>Changes strings to sfz tremolando at fortissimo</i>

024 Full Pizzicato

<i>Slider D / Green Knob D (13)</i>	<i>Shortens decay time</i>
<i>SW5 / Red Switch A (29)</i>	<i>Enables octave doubled layer</i>

025 Medium Pizzicato

<i>Slider D / Green Knob D (13)</i>	<i>Shortens decay time</i>
<i>SW5 / Red Switch A (29)</i>	<i>Enables octave doubled layer</i>

026 Dry Pizzicato

<i>Slider D / Green Knob D (13)</i>	<i>Shortens decay time</i>
<i>SW5 / Red Switch A (29)</i>	<i>Enables octave doubled layer</i>

027 Solo Flute prs

<i>Slider C / Green Knob C (6)</i>	<i>Adds brightness</i>
<i>Slider D / Green Knob D (13)</i>	<i>Shortens attack time</i>
<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

028 Solo Flute vib

<i>Slider C / Green Knob C (6)</i>	<i>Adds brightness</i>
<i>Slider D / Green Knob D (13)</i>	<i>Shortens attack time</i>

029 sfz Ens Flute

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato swell</i>
<i>Mpress</i>	<i>Vibrato swell</i>
<i>Attack velocity</i>	<i>Controls articulation</i>

030 Solo Oboe

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

031 Slow Oboe

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

032 Ensemble Oboe

<i>Mod Wheel / Red Knob B</i>	<i>Swell</i>
<i>Mpress</i>	<i>Swell</i>

033 Solo Eng Hrns

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

034 English Horn vib

This program has no specific controller assignments.

035 Slow EngHorn prs

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

036 Solo Clarinet

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

037 Slow Clarinet

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth; swell</i>
<i>Mpress</i>	<i>Vibrato rate and depth; swell</i>

038 Ens Clarinet

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato swell</i>
<i>Mpress</i>	<i>Vibrato swell</i>

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039 Solo Bassoon

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

040 Solo Bassoon vib

<i>Mod Wheel / Red Knob B</i>	<i>Swell</i>
<i>Mpress</i>	<i>Swell</i>

041 Ens Bassoon/Oboe

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato swell</i>
<i>Mpress</i>	<i>Vibrato swell</i>

042 Solo Dbl Reeds

<i>Mpress</i>	<i>Vibrato rate and depth</i>
<i>Slider C / Green Knob C (6)</i>	<i>Fades and Dampens</i>
<i>Slider D / Green Knob D (13)</i>	<i>Slows attack</i>

043 Soft Trumpet

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

044 Slow Soft Trp

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth; swell</i>
<i>Mpress</i>	<i>Vibrato rate and depth; swell</i>

045 Hard Trumpet

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

046 Slo Hard Trumpet

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

047 Slow Horn & Trp

<i>Mpress</i>	<i>Vibrato rate and depth</i>
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048 Solo Fr Horn

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

049 Ensemble Fr Horn

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato swell</i>
<i>Mpress</i>	<i>Vibrato swell</i>

050 Fr Horn Sect 1

<i>Mod Wheel / Red Knob B</i>	<i>Swell</i>
<i>Mpress</i>	<i>Swell</i>

051 Fr Horn Sect 2

<i>Mod Wheel / Red Knob B</i>	<i>Slight swell</i>
<i>Mpress</i>	<i>Slight swell</i>

052 Horn Section

<i>Mod Wheel / Red Knob B</i>	<i>Slight swell</i>
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053 Solo Trombone

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

054 Ensemble Bone

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato swell</i>
<i>Mpress</i>	<i>Vibrato swell</i>

055 Solo Tuba

<i>Mod Wheel / Red Knob B</i>	<i>Vibrato rate and depth</i>
<i>Mpress</i>	<i>Vibrato rate and depth</i>

056 sfz Orch Tuba

<i>Mod Wheel / Red Knob B</i>	<i>Swell</i>
<i>Mpress</i>	<i>Swell</i>

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057 Jazz Harmon Trp

Mod Wheel / Red Knob B	Vibrato rate and depth
Mpress	Vibrato rate and depth

058 Ballad Harmon Trp

Mod Wheel / Red Knob B	Vibrato rate and depth
Mpress	Vibrato rate and depth

059 sfz SoftTrp Sect

Mod Wheel / Red Knob B	Putting Mod Wheel partway up changes articulation
Mpress	Controls expression

060 St Jazz Brass sw

SW5 / Red Switch A (29)	Selects a Sfz/pp version of the program
Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

061 sfz Jazz Brass

Mod Wheel / Red Knob B	Brightens
Mpress	Brightens

062 Stereo Brass sw

SW5 / Red Switch A (29)	Selects a Sfz/pp version of the program
Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

063 Solo Sax

Mod Wheel / Red Knob B	Vibrato rate and depth
Mpress	Vibrato rate and depth

064 Stolen Moments

Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

065 Harmon Band

SW5 / Red Switch A (29)	Disables harmon trumpet and sax sections
Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

066 Slow Dyn Orch

Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

067 Fast Dyn Orch

Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression
VTrig	Triggers timpani, C 2–G 3

068 Total Orch 1

Slider C / Green Knob C (6)	Volume of strings layer
Slider D / Green Knob D (13)	Shortens decay/release time for strings (envelope control)
SW2 / Amber Swch B (9)	Disables reeds in Layer 1 and brass
Mod Wheel / Red Knob B	Vibrato control to 0 for reeds layer
VTrig	Enables Brass
Entry values	MIDI 6 = 127; MIDI 13 = 40
Mpress	Slight swell of reeds

069 Total Orch 2

Slider C / Green Knob C (6)	Volume of strings layer
Slider D / Green Knob D (13)	Envelope swell for strings (envelope control)
SW2 / Amber Swch B (9)	Disables clarinet (Layer 1); disables flute (Layer 1); disables timpani and percussion
Mod Wheel / Red Knob B	Vibrato control to 0 for winds
Entry values	MIDI 6 = 127; MIDI 13 = 40
VTrig	Enables timpani and percussion, A 0–G 3

070 sfz Orch prs

Mod Wheel / Red Knob B	Controls swell
Mpress	Controls swell
SwitchPdl 2 (Sostenuto, 66)	Disables brass
VTrig	Triggers timpani at mezzoforte, cymbals at fortissimo, B 1–G 3

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071 Winds & ChmbStr

<i>Mod Wheel / Red Knob B</i>	<i>Controls expression</i>
<i>Mpress</i>	<i>Controls expression</i>

072 Winds & Strings

<i>Mod Wheel / Red Knob B</i>	<i>Controls expression</i>
<i>Mpress</i>	<i>Controls expression</i>

073 Horns & Strings

This program has no specific controller assignments.

074 Woodwind Section

<i>Mod Wheel / Red Knob B</i>	<i>Controls swell</i>
<i>Mpress</i>	<i>Controls swell</i>

075 Reeds & Bells

<i>Mod Wheel / Red Knob B</i>	<i>Controls swell</i>
<i>Mpress</i>	<i>Controls swell</i>

076 Pizz & Timp

<i>VTrig</i>	<i>Triggers timpani at mezzoforte</i>
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077 Cathedral Choir

<i>Slider C / Green Knob C (6)</i>	<i>Lowers filter</i>
<i>Slider D / Green Knob D (13)</i>	<i>Lengthens attack significantly</i>

078 Aah Choir prs

<i>Mod Wheel / Red Knob B</i>	<i>Controls swell</i>
<i>Mpress</i>	<i>Controls swell</i>

079 Mixed Choir

<i>Mod Wheel / Red Knob B</i>	<i>Changes timbre</i>
<i>Slider D / Green Knob D (13)</i>	<i>Envelope control: slows attack</i>
<i>Mpress</i>	<i>Controls filter and amplitude</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Disables layers 1 and 2 (full choir)</i>

080 Choir from Above

This program has no specific controller assignments.

081 DivineInterventr

SW5 / Red Switch A (29)	Disables chimes
Mod Wheel / Red Knob B	Controls expression
Mpress	Controls expression

082 Chapel Organ

SW5 / Red Switch A (29)	Adds a bank of reeds
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083 Cathedral Organ

SW5 / Red Switch A (29)	Solos a set of flute pipes
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084 Pipes 16'8',reed

SW5 / Red Switch A (29)	Adds a bank of reeds
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085 Full Pipes

SW5 / Red Switch A (29)	Solos a set of flute pipes
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086 Orch Harp

SW5 / Red Switch A (29)	Selects between Upward gliss and arpeggio samples in lowest octave
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087 Stereo Solo Harp

SW5 / Red Switch A (29)	Adds delay
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088 Harp Oasis

Slider C / Green Knob C (6)	Pitchslide down an octave in delayed harp layer
Slider D / Green Knob D (13)	Timbre control: slightly darker
SW2 / Amber Swch B (9)	Alt start
SW5 / Red Switch A (29)	Enables delayed harp layer
Mod Wheel / Red Knob B	Controls delay rate of second harp layer when MIDI 29 is ON
SwitchPdl 3 (Soft 67)	Silences delayed layer
Entry values	MIDI 29 = 127; Mod Wheel / Red Knob B = 116

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089 Under Harp

Slider C / Green Knob C (6)	Moves filter cutoff
Mod Wheel / Red Knob B	Adds filter modulation

090 Classical Guitar

SwitchPdl 3 (Soft 67)	Mutes
Release velocity	Controls finger artifact on note release

091 Silky Nylons

SW2 / Amber Swch B (9)	Alt start
SW3 / Amber Swch C (12)	Switches to a chorused New Age sound
Mod Wheel / Red Knob B	Slightly softer
SwitchPdl 3 (Soft 67)	Mutes

092 Romantic Nylon

Slider C / Green Knob C (6)	Pitchslide up an octave in layer 3 (nylon string gtr)
Slider D / Green Knob D (13)	Pitchslide up an octave in Layer 2 (delayed harp)
SW2 / Amber Swch B (9)	Alt attack of Layer 3 (nylon string gtr)
SW3 / Amber Swch C (12)	Enables layer 1, (lute-like sound); pitchslide up an octave on Layer 3 (nylon string gtr)
SW5 / Red Switch A (29)	Enables delayed harp
Mod Wheel / Red Knob B	Controls delay rate of harp layer when MIDI 29 is ON
SwitchPdl 3 (Soft 67)	Dampens/mutes
Entry values	MIDI 13 = 127; MIDI 29 = 127; Mod Wheel / Red Knob B = 8

093 Mando-Lute

SW2 / Amber Swch B (9)	disables Layer 1 (Nylon String Gtr)
SW3 / Amber Swch C (12)	disables Layer 2 (Steel String Gtr)
SwitchPdl 3 (Soft 67)	Dampens/mutes

094 Orch Chimes

Slider D / Green Knob D (13)	Shortens decay time
SwitchPdl 3 (Soft 67)	Dampens

095 Stereo Chimes

Slider D / Green Knob D (13)	Shortens decay time
SwitchPdl 3 (Soft 67)	Dampens

096 Chime Bell

Slider C / Green Knob C (6)	Pitchslide up an octave in Layer 1
Slider D / Green Knob D (13)	Envelope control: faster decay
SW2 / Amber Swch B (9)	Alt start
SW3 / Amber Swch C (12)	Detunes
SW5 / Red Switch A (29)	Disables Layers 2 and 3
Mod Wheel / Red Knob B	LFO rate control to 0
SwitchPdl 3 (Soft 67)	Dampens

097 Chimes/Glock

Slider D / Green Knob D (13)	Envelope control: shortens decay
SwitchPdl 3 (Soft 67)	Dampens

098 Glockenspiel

Slider C / Green Knob C (6)	Timbre control: duller
Slider D / Green Knob D (13)	Envelope control: quicker decay and release
SW2 / Amber Swch B (9)	Alt start
SW3 / Amber Swch C (12)	Enables reverse trig when sustain pedal is used for executing rolling technique
SW5 / Red Switch A (29)	Enables Layer 3, sine layer for more body.
Mod Wheel / Red Knob B	Pitchslide down two octaves
SwitchPdl 1 (Sustain, 64)	Enables reverse trigger rolling when MIDI 12 is ON
SwitchPdl 3 (Soft 67)	Dampens
Entry values	MIDI 12 = 127

099 Orch Celeste

Slider C / Green Knob C (6)	Brightens
Slider D / Green Knob D (13)	Shortens decay time
Mod Wheel / Red Knob B	Adds tremolo

100 Xylophone

Slider C / Green Knob C (6)	Timbre control: duller
Slider D / Green Knob D (13)	Envelope control: quicker decay and release
SW2 / Amber Swch B (9)	Alt attack
SW3 / Amber Swch C (12)	Enables reverse trig when sustain pedal is used for executing rolling technique
SW5 / Red Switch A (29)	Enables Marimba layer
Mod Wheel / Red Knob B	Slight delay for Marimba layer when MIDI 29 is ON
SwitchPdl 1 (Sustain, 64)	Enables reverse trigger rolling when MIDI 12 is ON
Entry values	MIDI 12 = 127

101 Orch Percussion

<i>Slider C / Green Knob C (6)</i>	<i>Pitchslide up 850ct</i>
<i>Slider D / Green Knob D (13)</i>	<i>Pitchslide down 850ct</i>
<i>SW2 / Amber Swch B (9)</i>	<i>Alt start</i>
<i>SW3 / Amber Swch C (12)</i>	<i>Disables VTriggered Crash Cym layer</i>
<i>SW5 / Red Switch A (29)</i>	<i>Brighter soft attack of sustained cymbal</i>
<i>Mod Wheel / Red Knob B</i>	<i>Amplitude control</i>
<i>Breath / Red Knob D</i>	<i>Pitchslide up an octave in timpani layer</i>
<i>CCPed2 / Red Knob C</i>	<i>Pitchslide up an octave in timpani layer</i>
<i>SwitchPdl 1 (Sustain, 64)</i>	<i>Opens up VTrig Crash envelope for an Open Crash sound.</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Dampens timpani and sustained cymbal layers</i>
<i>Entry values</i>	<i>MIDI 12 = 127; MIDI 29 = 127</i>

102 Orch Timpani

<i>Slider C / Green Knob C (6)</i>	<i>Brightens</i>
<i>Breath / Red Knob D</i>	<i>Pitchslide up an octave</i>
<i>CCPed2 / Red Knob C</i>	<i>Pitchslide up an octave</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Dampens</i>

103 Solo Timpani

<i>Slider C / Green Knob C (6)</i>	<i>Envelope control: shorter release</i>
<i>Slider D / Green Knob D (13)</i>	<i>Envelope control: longer release</i>
<i>SW2 / Amber Swch B (9)</i>	<i>Alt start</i>
<i>SW3 / Amber Swch C (12)</i>	<i>Makes soft strikes brighter</i>
<i>SW5 / Red Switch A (29)</i>	<i>Enables pitchbend for Mpress in left-hand section</i>
<i>Breath / Red Knob D</i>	<i>Pitchslide up an octave</i>
<i>CCPed2 / Red Knob C</i>	<i>Pitchslide up an octave</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Dampens</i>
<i>Entry values</i>	<i>MIDI 12 = 127</i>

104 Dynamic Timpani

<i>Slider C / Green Knob C (6)</i>	<i>Envelope control: shorter release</i>
<i>Slider D / Green Knob D (13)</i>	<i>Envelope control: longer release</i>
<i>SW2 / Amber Swch B (9)</i>	<i>Alt start</i>
<i>SW3 / Amber Swch C (12)</i>	<i>makes soft strikes brighter</i>
<i>SW5 / Red Switch A (29)</i>	<i>Enables pitchbend for Mpress in left-hand section</i>
<i>Breath / Red Knob D</i>	<i>Pitchslide up an octave</i>
<i>CCPed2 / Red Knob C</i>	<i>Pitchslide up an octave</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Dampens</i>

105 Temple Blocks

This program has no specific controller assignments.

106 Stereo Tam-tam

Slider C / Green Knob C (6)	Moves filter cutoff
Mod Wheel / Red Knob B	Adds filter modulation

107 Trap Set

Slider C / Green Knob C (6)	Controls filter
Slider D / Green Knob D (13)	Pitch control
SW2 / Amber Swch B (9)	Controls decay
SW5 / Red Switch A (29)	Alt Start
Mpress	Controls amplitude of long brush stir G 3) and C# 4

108 Modern Blockage

Slider C / Green Knob C (6)	Pitchslide up two octaves in Layer 3
Slider D / Green Knob D (13)	Pitchslide down 600ct in Layer 1
SW2 / Amber Swch B (9)	Alt start
SW3 / Amber Swch C (12)	Disables Layer 4
Breath / Red Knob D	Pitchslide up two octaves in Layer 3
CCPed2 / Red Knob C	Pitchslide up two octaves in Layer 3
SwitchPdl 3 (Soft 67)	Dampens

109 Beaty Drum

Slider D / Green Knob D (13)	Pitch control (not all layers)
SW2 / Amber Swch B (9)	Controls decay
SwitchPdl 3 (Soft 67)	Disables Layers 2 and 3 (perc tones)

110 Cage's Ensemble

This program has no specific controller assignments.

111 New Touch Perc

This program has no specific controller assignments.

112 Perc & Blocks

This program has no specific controller assignments.

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113 Puppet Show Perc

Slider C / Green Knob C (6)	Pitchslide up an octave in Layer 3
Slider D / Green Knob D (13)	Pitchslide up an octave in Layer 4
SW2 / Amber Swch B (9)	Alt start
SW3 / Amber Swch C (12)	Disables Layer 3
SW5 / Red Switch A (29)	Enables Layer 2
Breath / Red Knob D	Pitchslide up an octave in Layer 3
CCPed2 / Red Knob C (Foot)	Pitchslide up an octave in Layer 3
Entry values	MIDI 29 = 127

114 Pop Can Perc

Slider C / Green Knob C (6)	Pitchslide up an octave in Layer 1
Slider D / Green Knob D (13)	Envelope control: drier
SW2 / Amber Swch B (9)	Alt start
SW3 / Amber Swch C (12)	Enables Layer 4
SW5 / Red Switch A (29)	Disables Layer 1
Breath / Red Knob D	Pitchslide up an octave in Layer 1
CCPed2 / Red Knob C	Pitchslide up an octave in Layer 1
SwitchPdl 3 (Soft 67)	Mutes
Entry values	MIDI 12 = 127

115 Onklungy Perc

Slider C / Green Knob C (6)	Pitchslide up an octave in Layer 3
Slider D / Green Knob D (13)	Envelope control: drier
SW2 / Amber Swch B (9)	Enables Layer 4 filtersnap
SW3 / Amber Swch C (12)	Pitch shift up an octave in Layer 2
SW5 / Red Switch A (29)	Disables Layer 1
Mod Wheel / Red Knob B	Disables Temple Block layer
SwitchPdl 3 (Soft 67)	Alt start
Entry values	MIDI 13 = 25

116 Skullophones

Slider C / Green Knob C (6)	Pitchslide up an octave in Layer 2
Slider D / Green Knob D (13)	Pitchslide up 1600ct in Layer 3
SW2 / Amber Swch B (9)	Disables Layer 2
SW3 / Amber Swch C (12)	Disables Layer 1
SW5 / Red Switch A (29)	Enables Layer3; disables Layer 4
Mod Wheel / Red Knob B	Alt attack
Breath / Red Knob D	Pitchslide up an octave in Layer 2
CCPed2 / Red Knob C	Pitchslide up an octave in Layer 2
SwitchPdl 3 (Soft 67)	Mutes
Entry values	MIDI 29 = 127

117 Exotic Mallets

SW5 / Red Switch A (29)	Solos bell
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118 Acoustic Mbira

Slider D / Green Knob D (13)	Shortens decay time
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119 St Elec Mbira

Slider D / Green Knob D (13)	Shortens decay time
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120 Perc Harp

This program has no specific controller assignments.

121 Pluck & Block

This program has no specific controller assignments.

122 Hybrid Pluck

SW5 / Red Switch A (29)	Adds delayed attack
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123 Bells/Mark Tree

Slider C / Green Knob C (6)	Pitchslide up an octave in Layers 2 and 3
Slider D / Green Knob D (13)	Pitchslide up an octave in Layers 1 and 4
SW2 / Amber Swch B (9)	Envelope control: slow attack
SW3 / Amber Swch C (12)	Pitch shift down an octave in Layer 4, D 6 and higher
SW5 / Red Switch A (29)	Disables Layer 2
Mod Wheel / Red Knob B	LFO rate control to 0
SwitchPdl 3 (Soft 67)	Dampens

124 Circus Glitter

<i>Slider C / Green Knob C (6)</i>	<i>Pitchslide up two octaves in sine layer</i>
<i>Slider D / Green Knob D (13)</i>	<i>Envelope control: quicker decay/release</i>
<i>SW2 / Amber Swch B (9)</i>	<i>Alt attack</i>
<i>SW3 / Amber Swch C (12)</i>	<i>Enables pizzicato layer</i>
<i>SW5 / Red Switch A (29)</i>	<i>Enables triangle layer</i>
<i>Mod Wheel / Red Knob B</i>	<i>Pitchslide up an octave in glockenspiel layer</i>
<i>Breath / Red Knob D</i>	<i>Pitchslide up two octaves in sine layer</i>
<i>CCPed2 / Red Knob C</i>	<i>Pitchslide up two octaves in sine layer</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Dampens</i>
<i>Entry values</i>	<i>MIDI 29 = 127</i>

125 Swing'n Chimes

<i>Slider C / Green Knob C (6)</i>	<i>Pitchslide up two octaves in Layer 1, up an octave in Layer 2</i>
<i>Slider D / Green Knob D (13)</i>	<i>Pitchslide up two octaves in Layer 3</i>
<i>SW2 / Amber Swch B (9)</i>	<i>Envelope control: slow attack</i>
<i>SW3 / Amber Swch C (12)</i>	<i>Disables glockenspiel layer</i>
<i>SW5 / Red Switch A (29)</i>	<i>Disables chimes layer</i>
<i>Mod Wheel / Red Knob B</i>	<i>LFO rate control to 0</i>
<i>Breath / Red Knob D</i>	<i>Pitchslide up two octaves in Layer 1, up an octave in Layer 2</i>
<i>CCPed2 / Red Knob C</i>	<i>Pitchslide up two octaves in Layer 1, up an octave in Layer 2</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Dampens</i>

126 Crystal Lagoon

<i>Slider C / Green Knob C (6)</i>	<i>Pitchslide up 700ct in Glockenspiel layer</i>
<i>Slider D / Green Knob D (13)</i>	<i>Envelope control: quicker decay /release</i>
<i>SW2 / Amber Swch B (9)</i>	<i>Transposes Layers 1 and 2 down two octaves</i>
<i>SW3 / Amber Swch C (12)</i>	<i>Alt attack</i>
<i>SW5 / Red Switch A (29)</i>	<i>Disables glockenspiel layer</i>
<i>Mod Wheel / Red Knob B</i>	<i>Detunes</i>
<i>Breath / Red Knob D</i>	<i>Pitchslide up 700ct in Glockenspiel layer</i>
<i>CCPed2 / Red Knob C</i>	<i>Pitchslide up 700ct in Glockenspiel layer</i>
<i>SwitchPdl 3 (Soft 67)</i>	<i>Dampens</i>
<i>Entry values</i>	<i>MIDI 13 = 40; MIDI 9 = 127</i>

127 Clang Clang

<i>Slider C / Green Knob C (6)</i>	<i>Brightens</i>
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PCR-1 *Orchestral Setup Information*

The following tables include descriptions of the program and controller assignments for each zone in the PCR-1 option's 32 setups.

There's a separate table for each setup. Each table lists 24 setup features (zone status, MIDI channel, program assignment, and several controller assignments), and shows how these features are used in each of the setup's four zones.

Certain physical controllers on the keyboard and rack-mount models have corresponding assignments but different names—for example, Slider A and Green Knob A. In these cases, the keyboard names are followed by the rack-mount names.

The program assignment for each zone (the third row in each table) looks like the following example:

2:068
Total Orch 1

The first numeral indicates the bank number—Bank 2 (Exp1) in the example above. The second numeral (following the colon) is the program's ID—the number you'll see in the display when you select that program. The program's name follows the bank number and ID.

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Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Play</i>	<i>Play</i>
MIDI Channel	1	2	3	4
Program	2:068 <i>Total Orch 1</i>	2:069 <i>Total Orch 2</i>	2:086 <i>Orch Harp</i>	2:104 <i>Dynamic Timpani</i>
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>Expression (softer)</i>	<i>Expression (softer)</i>	<i>Expression (Brings in harp)</i>	<i>None</i>
MPressure	<i>Vibrato</i>	<i>None</i>	<i>None</i>	<i>Timpani roll, C 2–G 3</i>
Slider A/Green Knob A	93 FXAWet	93 FXAWet	93 FXAWet	<i>None</i>
Slider B/Green Knob B	91 FXBWet	91 FXBWet	<i>None</i>	<i>None</i>
Slider C/Green Knob C	6 Data; Strings volume	6 Data; Strings volume	<i>None</i>	<i>None</i>
Slider D/Green Knob D	13; Envelope	13; Envelope	<i>None</i>	<i>None</i>
Pedal 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath / Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>None</i>	<i>None</i>	<i>None</i>	<i>Trans Down</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	116 ArpOn
SW5/Red Switch A	<i>None</i>	<i>None</i>	MIDI 29; Harp gliss ptn	<i>None</i>
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	64 Sustain	64 Sustain
SwitchPdl 3	MIDI 9; mutes winds	MIDI 9; mutes winds	67 Soft	<i>None</i>
VTrig	<i>Brass</i>	<i>Percussion, Timpani, A 0–G 3</i>	<i>None</i>	<i>None</i>

258 Orch & Choir MW

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Play
MIDI Channel	1	2	3	4
Program	2:068 Total Orch 1	2:069 Total Orch 2	2:081 DivineInterventn	2:079 Mixed Choir
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	11 Express (softer)	11 Express (softer)	11 Express (louder)	11 Express (louder)
MPressure	Slight swell	None	None	Slight swell
Slider A/Green Knob A	91 FXBWet	91 FXBWet	91 FXBWet	None
Slider B/Green Knob B	None	None	None	93 FXAWet
Slider C/Green Knob C	6 Data; enables Strings	None	None	None
Slider D/Green Knob D	13; shortens String release	13; alt String envelope	None	None
Pedal 1	11 Express (softer)	11 Express (softer)	11 Express (louder)	11 Express (louder)
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	None	None	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	None	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	64 Sustain	66 Sosten
SwitchPdl 3	9 (disables Winds)	9 (disables Winds)	67 Soft (duller Strings)	67 Soft (disables high choir)
VTrig	None	None	Enables zone	None

259 *At The Symphony*

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Play</i>	<i>Off</i>
MIDI Channel	1	2	3	<i>Off</i>
Program	2:066 Slow Dyn Orch	2:047 Slow Horn & Trp	2:102 Orch Timpani	<i>None</i>
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
MPressure	<i>Slight swell</i>	<i>Slight swell</i>	<i>None</i>	<i>None</i>
Slider A/Green Knob A	93 FXAWet	<i>None</i>	<i>None</i>	<i>None</i>
Slider B/Green Knob B	<i>None</i>	93 FXAWet	<i>None</i>	<i>None</i>
Slider C/Green Knob C	<i>None</i>	<i>None</i>	91 FXBWet	<i>None</i>
Slider D/Green Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>Trans Down</i>	<i>Trans Down</i>	<i>Trans Down</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
VTrig	<i>None</i>	<i>None</i>	<i>Enables zone</i>	<i>None</i>

260 Trem & Clarinet

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Off
MIDI Channel	1	2	3	Off
Program	2:022 Slow Tremolando	2:016 Chamber Strings	2:036 Solo Clarinet	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	1 MW; Swell	1 MW; Swell	1 MW; Vibrato	None
MPressure	Swell	Swell	Vibrato	None
Slider A/Green Knob A	11 Express	None	None	None
Slider B/Green Knob B	93 FXAWet	93 FXAWet	93 FXAWet	None
Slider C/Green Knob C	92 FXABWet	92 FXABWet	92 FXABWet	None
Slider D/Green Knob D	None	None	None	None
Pedal 1	11 Express	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Up	None	None	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	None	None	None

261 *Compassion*

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Mute</i>	<i>Off</i>
MIDI Channel	<i>1</i>	<i>2</i>	<i>3</i>	<i>Off</i>
Program	0:071 Phantom Strings	2:077 Cathedral Choir	0:063 Williams Brass	<i>None</i>
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
MPressure	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider A/Green Knob A	<i>91 FXBWet</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider B/Green Knob B	<i>None</i>	<i>91 FXBWet</i>	<i>None</i>	<i>None</i>
Slider C/Green Knob C	<i>6; Duller</i>	<i>None</i>	<i>91 FXBWet</i>	<i>None</i>
Slider D/Green Knob D	<i>13; quicker env</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>None</i>	<i>Trans Up</i>	<i>None</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	<i>29; disables low octave String layer</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	<i>64 Sustain</i>	<i>64 Sustain</i>	<i>64 Sustain</i>	<i>None</i>
SwitchPdl 2	<i>66 Sosten</i>	<i>66 Sosten</i>	<i>66 Sosten</i>	<i>None</i>
SwitchPdl 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>

262 Vox of Humanity

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Mute	Play	Play	Mute
MIDI Channel	1	2	3	4
Program	2:077 Cathedral Choir	2:079 Mixed Choir	0:079 Cathedral Vox	2:077 Cathedral Choir
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	1 MW; duller	1 MW; softer	None
MPressure	None	Swell	None	None
Slider A/Green Knob A	93 FXAWet	None	None	93 FXAWet
Slider B/Green Knob B	None	91 FXBWet	91 FXBWet	None
Slider C/Green Knob C	None	None	None	None
Slider D/Green Knob D	None	None	None	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Up	Trans Up	Trans Down	Trans Up
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	None	None	None

263 Fanfare

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Mute</i>	<i>Play</i>	<i>Play</i>
MIDI Channel	1	2	3	4
Program	2:104 Dynamic Timpani	2:062 Stereo Brass sw	0:058 Split Section	2:101 Orch Percussion
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	<i>None</i>	<i>None</i>	<i>1 MW; swell</i>
MPressure	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider A/Green Knob A	92 FXABWet	<i>None</i>	<i>None</i>	<i>None</i>
Slider B/Green Knob B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider C/Green Knob C	<i>None</i>	<i>None</i>	91 FXBWet	<i>None</i>
Slider D/Green Knob D	13; longer release	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	4 Foot; pitchslide 7 ST	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>Trans Down</i>	<i>Trans Down</i>	<i>None</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	12; brightens timbre	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	<i>None</i>	64 Sustain	64 Sustain	<i>None</i>
SwitchPdl 2	<i>None</i>	66 Sosten	66 Sosten	64 Sustain
SwitchPdl 3	67 Soft; dampens	<i>None</i>	<i>None</i>	<i>None</i>

264 Holiday Cheers

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Mute	Play	Play	Play
MIDI Channel	1	2	3	4
Program	2:077 Cathedral Choir	6:063 Classical Brass	2:017 Baroque Strings	2:097 Chimes/Glock
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	Swell	None
Slider A/Green Knob A	91 FXBWet	None	None	None
Slider B/Green Knob B	None	93 FXAWet	None	None
Slider C/Green Knob C	None	None	91 FXBWet	None
Slider D/Green Knob D	None	None	None	91 FXBWet
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	None	None	Trans Up
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	12; Enables solo String layer	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	None	None	None
VTrig	None	None	None	Enables zone

265 *Classic Trumpet*

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Mute</i>	<i>Mute</i>
MIDI Channel	1	2	3	4
Program	6:065 Emotional String	2:045 Hard Trumpet	6:065 Emotional String	0:043 Harpichord
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	<i>1 MW; vibrato</i>	<i>None</i>	<i>None</i>
MPressure	<i>None</i>	<i>Swell</i>	<i>None</i>	<i>None</i>
Slider A/Green Knob A	<i>91 FXBWet</i>	<i>None</i>	<i>91 FXBWet</i>	<i>91 FXBWet</i>
Slider B/Green Knob B	<i>None</i>	<i>91 FXBWet</i>	<i>None</i>	<i>None</i>
Slider C/Green Knob C	<i>6 Data; duller timbre</i>	<i>None</i>	<i>6; Duller</i>	<i>None</i>
Slider D/Green Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>None</i>	<i>Trans Down</i>	<i>None</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>Go to Prog 45/ 43 (toggle)</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	<i>64 Sustain</i>	<i>None</i>	<i>64 Sustain</i>	<i>64 Sustain</i>
SwitchPdl 2	<i>66 Sosten</i>	<i>None</i>	<i>66 Sosten</i>	<i>66 Sosten</i>
SwitchPdl 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>

266 Flute & Oboe

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Off
MIDI Channel	1	2	3	Off
Program	6:065 Emotional String	2:032 Ensemble Oboe	2:028 Solo Flute vib	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	1 MW; swell/ more vibrato	None	None
MPressure	None	Swell/more vibrato	None	None
Slider A/Green Knob A	91 FXBWet	91 FXBWet	None	None
Slider B/Green Knob B	None	None	93 FXAWet	None
Slider C/Green Knob C	6 Data; duller	None	None	None
Slider D/Green Knob D	None	None	92 FXABWet	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	None	Trans Up	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	None	None	64 Sustain
SwitchPdl 2	66 Sosten	None	None	None
SwitchPdl 3	None	None	None	None

267 Lyrical Song

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Mute	Off
MIDI Channel	1	2	3	4
Program	6:065 Emotional String	2:008 Slow Cello vib	6:065 Emotional String	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	93 FXAWet	None	93 FXAWet	None
Slider B/Green Knob B	None	93 FXAWet	None	None
Slider C/Green Knob C	6 Data (duller)	None	None	None
Slider D/Green Knob D	92 FXABWet	92 FXABWet	92 FXABWet	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	Trans Down	None	None
SW2/Amber Swch B	None	Go to Prog 8/ 32 (toggle)	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	None	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	None	66 Sosten	None
SwitchPdl 3	67; alt String envelope	None	None	None

268 Harp / Flute

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Mute	Mute
MIDI Channel	1	2	3	4
Program	2:086 Orch Harp	2:028 Solo Flute vib	2:098 Glockenspiel	0:099 12 String Guitar
Wheel 1 Up/Down	Pitch Up/ Down	Pitch Up/ Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	93 FXAWet	None	None	None
Slider B/Green Knob B	None	91 FXBWet	None	None
Slider C/Green Knob C	None	None	93 FXAWet	None
Slider D/Green Knob D	None	None	None	91 FXBWet
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Down	Trans Down	Trans Up	Trans Up
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	None	64 Sustain	64 Sustain
SwitchPdl 2	64 Sustain	66 Sosten	None	None
SwitchPdl 3	None	None	67 Soft; dampens	None

269 Go Baroque

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Mute	Play	Play	Off
MIDI Channel	1	2	3	Off
Program	2:015 Studio Strings	0:043 Harpsichord	0:055 Pipe Organ	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	11 Express	None	None	None
MPressure	Slight swell	None	None	None
Slider A/Green Knob A	93 FXAWet	None	None	None
Slider B/Green Knob B	None	93 FXAWet	None	None
Slider C/Green Knob C	None	None	93 FXAWet	None
Slider D/Green Knob D	None	None	None	None
Pedal 1	11 Express	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Down	Trans Down	Trans Down	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	None	None	None

270 Church Organ

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Play
MIDI Channel	1	2	3	4
Program	2:085 Full Pipes	2:082 Chapel Organ	2:094 Orch Chimes	2:085 Full Pipes
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	11 Express
MPressure	None	None	None	None
Slider A/Green Knob A	93 FXAWet	None	None	None
Slider B/Green Knob B	11 Express	None	None	None
Slider C/Green Knob C	6 Data; brightness	11 Express	None	None
Slider D/Green Knob D	None	None	11 Express	None
Pedal 1	None	None	None	11 Express
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Down	Trans Down	Trans Up	Trans Up
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	29; enables Flutey Pipes	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	None	67 Soft	None

271 Pipes & Pads

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Mute	Mute
MIDI Channel	1	2	3	4
Program	6:088 <i>Poseidon</i>	2:084 <i>Pipes 16'8",reed</i>	2:087 <i>Stereo Solo Harp</i>	2:083 <i>Cathedral Organ</i>
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	91 FXBWet	91 FXBWet	931 FXAWet	91 FXBWet
MPressure	LFO	None	None	None
Slider A/Green Knob A	11 Express	None	None	None
Slider B/Green Knob B	None	11 Express	None	None
Slider C/Green Knob C	None	None	11 Express	None
Slider D/Green Knob D	None	None	None	11 Express
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	10 Pan (toggle)	MIDI 10 Pan (toggle)	None	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	116 ArpOn	None	None	None
SW5/Red Switch A	None	None	None	29; enables pipes
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	64 Sustain	66 Sosten
SwitchPdl 3	None	119; Latch1	119; Latch1	None

272 Oom Pah Pah 2

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Play</i>	<i>Off</i>
MIDI Channel	1	2	3	<i>Off</i>
Program	2:056 <i>sfz Orch Tuba</i>	2:038 <i>Ens Clarinet</i>	0:046 Accordion	<i>None</i>
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	<i>1 MW; swell</i>	<i>1 MW; swell</i>	<i>None</i>
MPressure	<i>Swell</i>	<i>Swell</i>	<i>Swell</i>	<i>None</i>
Slider A/Green Knob A	<i>93 FXAWet</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider B/Green Knob B	<i>None</i>	<i>91 FXBWet</i>	<i>None</i>	<i>None</i>
Slider C/Green Knob C	<i>None</i>	<i>None</i>	<i>91 FXBWet</i>	<i>None</i>
Slider D/Green Knob D	<i>92 FXABWet</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>None</i>	<i>Trans Down</i>	<i>Trans Down</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	<i>None</i>	<i>None</i>	<i>64 Sustain</i>	<i>64 Sustain</i>
SwitchPdl 2	<i>66 Sosten</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>

273 *The Romancer*

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Off</i>	<i>Off</i>
MIDI Channel	1	2	<i>Off</i>	<i>Off</i>
Program	2:091 Silky Nylons	0:088 Rez Aah Pad	0:109 Fret Not Bass	None
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	1 MW; duller	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	93 FXAWet	None	93 FXAWet	None
Slider B/Green Knob B	None	11 Express	None	None
Slider C/Green Knob C	None	91 FXBWet	None	None
Slider D/Green Knob D	None	None	None	None
Pedal 1	None	11 Express	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	<i>Trans Up</i>	<i>Trans Down</i>	None
SW2/Amber Swch B	9; Alt Attack (toggle)	None	None	None
SW3/Amber Swch C	12; enable chorus layer (toggle)	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	66 Sosten	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	None	66 Sosten	None
SwitchPdl 3	67 Soft; dampens	None	None	None

274 The Jazz Club

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Play
MIDI Channel	1	2	3	4
Program	0:110 Upright Bass 1	2:065 Harmon Band	2:064 Stolen Moments	2:060 St Jazz Brass sw
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	1 MW; Ride fade	1 MW; Trumpet fade	1 MW; Brass fade	MIDI 1 MW; Brass fade
MPressure	Vibrato	Vibrato and volume	Vibrato and volume	Volume
Slider A/Green Knob A	93 FXAWet	93 FXAWet	93 FXAWet	91 FXBWet
Slider B/Green Knob B	None	11 Express	None	None
Slider C/Green Knob C	None	None	None	10; Pan
Slider D/Green Knob D	None	None	10; Pan	None
Pedal 1	None	11 Express	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Down	Trans Down	Trans Up	Trans Up
SW2/Amber Swch B	13; Cymbal timbre (toggle)	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	29; Enables Ride Cymbal	29; mutes muted Trumpet layer	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	None	None	None

275 Harp Dreams

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Mute	Mute	Play	Play
MIDI Channel	1	2	3	4
Program	6:091 Spider's Web	2:086 Orch Harp	2:080 Choir from Above	2:087 Stereo Solo Harp
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	Slight swell	None	None	None
Slider A/Green Knob A	93 FXAWet	None	93 FXAWet	None
Slider B/Green Knob B	None	91 FXBWet	None	91 FXBWet
Slider C/Green Knob C	6 Data; timbre change	None	None	None
Slider D/Green Knob D	13; timbre change	None	None	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	None	Trans Down	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	29; slow swelling envelope	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	64 Sustain	66 Sosten	64 Sustain
SwitchPdl 3	None	None	None	None

276 Harp & Pad

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Play
MIDI Channel	1	2	3	4
Program	6:088 Poseidon	2:087 Stereo Solo Harp	2:087 Stereo Solo Harp	2:119 St Elec Mbira
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	91 FXBWet	None	None	None
Slider B/Green Knob B	None	93 FXAWet	None	None
Slider C/Green Knob C	None	None	93 FXAWet	None
Slider D/Green Knob D	None	None	None	Tempo
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	None	None	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	116; ArpOn	None	None	None
SW5/Red Switch A	119; Latch1	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	119 Latch1 (toggle)
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	118 Latch2 (toggle)
SwitchPdl 3	None	67 Soft; softer, alt attack	67 Soft; softer, alt attack	None

277 *Pizzica Doo*

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Off</i>	<i>Off</i>
MIDI Channel	1	2	<i>Off</i>	<i>Off</i>
Program	2:076 <i>Pizz & Timp</i>	6:073 <i>Crystal</i> <i>Voices</i>	<i>None</i>	<i>None</i>
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
MPressure	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider A/Green Knob A	93 FXAWet	<i>None</i>	<i>None</i>	<i>None</i>
Slider B/Green Knob B	<i>None</i>	91 FXBWet	<i>None</i>	<i>None</i>
Slider C/Green Knob C	11 Express	<i>None</i>	<i>None</i>	<i>None</i>
Slider D/Green Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	11 Express	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>Trans Up</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	<i>None</i>	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	<i>None</i>	66 Sosten	<i>None</i>	<i>None</i>
SwitchPdl 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>

278 With Tinkles

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Mute	Play
MIDI Channel	1	2	3	4
Program	2:079 Mixed Choir	2:119 St Elec Mbira	2:105 Temple Blocks	0:087 Lowdown Bass
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	1 MW; adds layer	None	None	None
MPressure	Volume, timbre	None	None	None
Slider A/Green Knob A	11 Express	None	None	None
Slider B/Green Knob B	None	11 Express	None	None
Slider C/Green Knob C	None	None	11 Express	None
Slider D/Green Knob D	None	None	None	Tempo
Pedal 1	None	11 Express	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	None	None	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	116 ArpOn (toggle)	None	None	None
SW5/Red Switch A	119 Latch1 (toggle)	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	119 Latch1 (toggle)
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	118 Latch2 (toggle)
SwitchPdl 3	67 Soft; disables oct voice layer	67 Soft; softer, alt attack	None	None

279 *The Bell Ringer*

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Off</i>	<i>Off</i>
MIDI Channel	1	2	<i>Off</i>	<i>Off</i>
Program	2:127 Clang Clang	2:095 Stereo Chimes	<i>None</i>	<i>None</i>
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
MPressure	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider A/Green Knob A	91 FXBWet	<i>None</i>	<i>None</i>	<i>None</i>
Slider B/Green Knob B	<i>None</i>	93 FXAWet	<i>None</i>	<i>None</i>
Slider C/Green Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Slider D/Green Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>None</i>	<i>Trans Down</i>	<i>None</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	<i>None</i>	<i>None</i>
SwitchPdl 3	<i>None</i>	67 Soft; dampens	<i>None</i>	<i>None</i>

280 Icicle Pad

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Off	Off
MIDI Channel	1	2	Off	Off
Program	2:124 Circus Glitter	6:073 Crystal Voices	None	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	1 MW; Pitchslide up one octave	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	93 FXAWet	None	None	None
Slider B/Green Knob B	None	91 FXBWet	None	None
Slider C/Green Knob C	6 Data; Pitchslide down one octave	None	None	None
Slider D/Green Knob D	None	None	None	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	Trans Down	None	None
SW2/Amber Swch B	9 Alt Attack (toggle)	None	None	None
SW3/Amber Swch C	12; enables Pizzicato (toggle)	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	29; enables octave bell layer (toggle)	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	None	None
SwitchPdl 3	67 Soft	None	None	None

281 *Ponty-fication*

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	<i>Play</i>	<i>Play</i>	<i>Mute</i>	<i>Off</i>
MIDI Channel	1	2	3	<i>Off</i>
Program	6:071 Flute & Strings	2:011 Recital Bass	2:016 Chamber Strings	<i>None</i>
Wheel 1 Up/Down	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>	<i>Pitch Up/Down</i>
Wheel 2/Red Knob B	<i>None</i>	1 MW; vibrato	1 MW; Alt envelope	<i>None</i>
MPressure	<i>None</i>	<i>Vibrato</i>	<i>None</i>	<i>None</i>
Slider A/Green Knob A	91 FXBWet	<i>None</i>	<i>None</i>	<i>None</i>
Slider B/Green Knob B	<i>None</i>	93 FXAWet	93 FXAWet	<i>None</i>
Slider C/Green Knob C	6 Data; controls Strings resonance	<i>None</i>	<i>None</i>	<i>None</i>
Slider D/Green Knob D	13; delays String entrance	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Pedal 2/Red Knob C	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Breath/Red Knob D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 1	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 2	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
Ribbon 3	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW1/Amber Swch A	<i>None</i>	<i>Trans Up</i>	<i>None</i>	<i>None</i>
SW2/Amber Swch B	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW3/Amber Swch C	<i>None</i>	<i>Go to Prog 11/5 (toggle)</i>	<i>None</i>	<i>None</i>
SW4/Amber Swch D	<i>None</i>	<i>None</i>	<i>None</i>	<i>None</i>
SW5/Red Switch A	29; disables chifty layer	<i>None</i>	<i>None</i>	<i>None</i>
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	<i>None</i>
SwitchPdl 3	<i>None</i>	67 Soft; dampened attack for Prog 11	<i>None</i>	<i>None</i>

282 Space Mutes

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Mute	Play	Play	Off
MIDI Channel	1	2	3	Off
Program	0:088 Rez Aah Pad	2:058 Ballad Harmon Trp	6:091 Spider's Web	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	1 MW; LFO	None	None
MPressure	None	LFO	None	None
Slider A/Green Knob A	91 FXBWet	None	91 FXBWet	None
Slider B/Green Knob B	None	93 FXAWet	None	None
Slider C/Green Knob C	6 Data; timbre/ resonance control	None	6 Data; timbre control	None
Slider D/Green Knob D	13; envelope movement	None	None	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Up	Trans Down	Trans Down	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	None	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	None	Soft 67; softer	None

283 Skullimba Deep

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Off	Off
MIDI Channel	1	2	Off	Off
Program	2:116 Skullophones	2:118 Acoustic Mbira	None	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/ Down	Pitch Up/ Down	Pitch Up/ Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	91 FXBWet	None	None	None
Slider B/Green Knob B	None	93 FXAWet	None	None
Slider C/Green Knob C	6 Data; pitch and timbre change	None	None	None
Slider D/Green Knob D	13; pitchslide up	None	None	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Down	Trans Down	None	None
SW2/Amber Swch B	9; removes low layer (toggle)	None	None	None
SW3/Amber Swch C	12; adds mid layer (toggle)	None	None	None
SW4/Amber Swch D	None	None	None	None
SW5/Red Switch A	29; switches timbre	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	67 Soft; mutes	67 soft; silences	None	None

284 Kinetic Sculptre

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Play
MIDI Channel	1	2	3	4
Program	2:119 St Elec Mbira	2:105 Temple Blocks	2:119 St Elec Mbira	2:119 St Elec Mbira
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	91 FXBWet	91 FXBWet	91 FXBWet	91 FXBWet
Slider B/Green Knob B	None	None	None	None
Slider C/Green Knob C	None	None	None	None
Slider D/Green Knob D	13; Envelope control (shortens decay)	None	Tempo	Tempo
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Down	Trans Down	Trans Up	Trans Up
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	116 ArpOn (toggle)	None	None	None
SW5/Red Switch A	119 Latch1 (toggle)	None	None	None
SwitchPdl 1	64 Sustain	119 Latch1 (toggle)	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	118 Latch2 (toggle)	66 Sosten	66 Sosten
SwitchPdl 3	None	None	None	None

285 Ork MachinistE1

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Play
MIDI Channel	1	2	3	4
Program	2:109 Beaty Drum	2:116 Skullophones	2:101 Orch Percussion	2:025 Medium Pizzicato
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	None
Slider A/Green Knob A	11 Express	None	None	None
Slider B/Green Knob B	None	11 Express	None	None
Slider C/Green Knob C	None	None	11 Express	None
Slider D/Green Knob D	None	None	None	Tempo
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	Trans Down	None	Trans Down
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	116 ArpOn (toggle)	None	None	None
SW5/Red Switch A	119 Latch1 (toggle)	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	118 Latch2 (toggle)	67 Soft; dampens	None

286 Odd or Not

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Mute
MIDI Channel	1	2	3	4
Program	2:109 Beaty Drum	2:116 Skullophones	6:033 Mild Sheen	0:086 Sweeper Bass
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	Pressure
Slider A/Green Knob A	11 Express	None	None	None
Slider B/Green Knob B	None	11 Express	None	None
Slider C/Green Knob C	None	None	11 Express	None
Slider D/Green Knob D	None	Tempo	None	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	Trans Down	Trans Down	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	116 ArpOn (toggle)	None	None	None
SW5/Red Switch A	119 Latch1 (toggle)	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	67 Soft; mutes	118 Latch2 (toggle)	None

287 60's Slide Jam C2

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Play
MIDI Channel	1	2	3	4
Program	2:109 Beaty Drum	0:048 The Reverend's	0:105 Punch Bass	0:087 Lowdown Bass
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	None	None
MPressure	None	None	None	Vibrato
Slider A/Green Knob A	11 Express	None	None	None
Slider B/Green Knob B	None	11 Express	None	None
Slider C/Green Knob C	None	None	11 Express	None
Slider D/Green Knob D	Tempo	None	None	11 Express
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	None	Trans Down	None	None
SW2/Amber Swch B	None	None	None	None
SW3/Amber Swch C	None	None	None	None
SW4/Amber Swch D	116 ArpOn (toggle)	None	None	None
SW5/Red Switch A	None	119; Latch1	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	119 Latch1 (toggle)	None	None

288 Rhythm Language

Setup Feature	Zones			
	Zone 1	Zone 2	Zone 3	Zone 4
Zone Status	Play	Play	Play	Off
MIDI Channel	1	2	3	Off
Program	2:113 Puppet Show Perc	2:109 Beaty Drum	0:118 Beat Box	None
Wheel 1 Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down	Pitch Up/Down
Wheel 2/Red Knob B	None	None	1 MW; alt attack	None
MPressure	None	None	None	None
Slider A/Green Knob A	93 FXAWet	None	None	None
Slider B/Green Knob B	91 FXBWet	11 Express	None	None
Slider C/Green Knob C	6 Data; tunes layer	None	11 Express	None
Slider D/Green Knob D	13; pitchslide	Tempo	None	None
Pedal 1	None	None	None	None
Pedal 2/Red Knob C	None	None	None	None
Breath/Red Knob D	None	None	None	None
Ribbon 1	None	None	None	None
Ribbon 2	None	None	None	None
Ribbon 3	None	None	None	None
SW1/Amber Swch A	Trans Down	Trans Down	Trans Up	Trans Up
SW2/Amber Swch B	9; alt attack (toggle)	None	None	None
SW3/Amber Swch C	12; Mutes layer	None	None	None
SW4/Amber Swch D	116 ArpOn (toggle)	None	None	None
SW5/Red Switch A	29; adds layer	None	None	None
SwitchPdl 1	64 Sustain	64 Sustain	64 Sustain	64 Sustain
SwitchPdl 2	66 Sosten	66 Sosten	66 Sosten	66 Sosten
SwitchPdl 3	None	67 Soft; disables a layer	None	None

PCR-1 GM Program Information

Piano	000	Grand Piano	Bass	032	Acoustic Bass
	001	Bright Grand		033	Finger Bass
	002	Electric Grand		034	Picked Bass
	003	Honky Tonk Piano		035	Fretless Bass
	004	Elec Piano 1		036	Slap Bass 1
	005	Elec Piano 2		037	Slap Bass 2
	006	GM Harpsichord		038	Synth Bass 1
Chromatic	007	Clavinet	039	Synth Bass 2	
	008	GM Celesta	040	Violin	
	009	Glockenspiel	041	Viola	
	010	Music Box	042	Cello	
	011	Vibraphone	043	Contrabass	
	012	Marimba	044	Tremolo Strings	
	013	Xylophone	045	Pizzicato Strings	
Organ	014	Tubular Bells	046	Harp	
	015	Dulcimer	047	Timpani	
	016	Drawbar Organ	048	Ensemble Strings	
	017	Percussion Organ	049	GM Slow Strings	
	018	Rock Organ	050	Synth Strings 1	
	019	Church Organ	051	Synth Strings 2	
	020	Reed Organ	052	Choir Aahs	
Guitar	021	GM Accordion	053	Voice Oohs	
	022	Harmonica	054	Synth Vox	
	023	Bandoneon	055	Orchestra Hit	
	024	Nylon Guitar	056	Trumpet	
	025	Steel String Gtr	057	Trombone	
	026	Jazz Guitar	058	Tuba	
	027	Clean Elec Guitar	059	Muted Trumpet	
Ensembles	028	Muted Guitar	060	French Horn	
	029	Overdrive Guitar	061	Brass Section	
	030	Distortion Guitar	062	Synth Brass 1	
	031	Guitar Harmonics	063	Synth Brass 2	
	Brass				

Reed	064	Soprano Sax
	065	Alto Sax
	066	Tenor Sax
	067	Baritone Sax
	068	Oboe
	069	English Horn
	070	Bassoon
Pipe	071	Clarinet
	072	Piccolo
	073	Flute
	074	Recorder
	075	Pan Flute
	076	Bottle Blow
	077	Shakuhachi
	078	Whistle
	079	Ocarina
Synth Lead	080	Square Wave
	081	Sawtooth Wave
	082	Synth Calliope
	083	Chiffer Lead
	084	Charang
	085	Solo Vox
	086	5th Saw Wave
Synth Pad	087	Bass & Lead
	088	Fantasia
	089	Warm Pad
	090	Polysynth
	091	Space Voice
	092	Bowed Glass
	093	Metal Pad
	094	Halo Pad
	095	Sweep Pad

Synth FX	096	Ice Rain
	097	Soundtrack
	098	Crystal
	099	Atmosphere
	100	Brightness
	101	Goblins
	102	Echo Drops
Ethnic	103	Star Theme
	104	Sitar
	105	Banjo
	106	Shamisen
	107	Koto
	108	Kalimba
	109	Bagpipe
	110	Fiddle
	111	Shanai
Percussion	112	Tinkle Bell
	113	Agogo
	114	Steel Drums
	115	Wood Block
	116	Taiko
	117	Melodic Tom
	118	Synth Drum
	119	Reverse Cymbal
	Sound FX	120
121		Breath Noise
122		Seashore
123		Bird
124		Telephone
125		Helicopter
126		Applause
127		Gunshot

Controllers for PCR-1 GM Programs

Certain physical controllers on the keyboard and rack-mount models have corresponding assignments but different names—for example, Slider A and Green Knob A. In these cases, the keyboard names are followed by the rack-mount names.

Category	ID	Sound Name	Slider A / Green Knob A (MIDI 1)	Other Controllers
Piano	000	Grand Piano		
	001	Bright Grand		
	002	Electric Grand	Tremolo	
	003	Honky Tonk Piano		
	004	Elec Piano 1	Tremolo	
	005	Elec Piano 2		
	006	GM Harpsichord		
Chromatic	007	Clavinet	Tremolo	
	008	GM Celesta		
	009	Glockenspiel		
	010	Music Box	Vibrato	
	011	Vibraphone	Tremolo	
	012	Marimba		
	013	Xylophone		
Organ	014	Tubular Bells		
	015	Dulcimer		
	016	Drawbar Organ	Rotary Speed	
	017	Percussion Organ	Rotary Speed	
	018	Rock Organ	Rotary Speed	
	019	Church Organ	Vibrato	
	020	Reed Organ	Tremolo	
Guitar	021	GM Accordion	Vibrato	
	022	Harmonica	Vibrato	
	023	Bandoneon	Tremolo	
	024	Nylon Guitar	Vibrato	
	025	Steel String Gtr	Vibrato	
	026	Jazz Guitar	Vibrato	
	027	Clean Elec Guitar	Vibrato	
	028	Muted Guitar	Vibrato	
	029	Overdrive Guitar	Vibrato	
	030	Distortion Guitar	Vibrato	
	031	Guitar Harmonics	Vibrato	

Controllers for PCR-1 GM Programs

Category	ID	Sound Name	Slider A / Green Knob A (MIDI 1)	Other Controllers
Bass	032	Acoustic Bass	Vibrato	
	033	Finger Bass	Vibrato	
	034	Picked Bass	Vibrato	
	035	Fretless Bass	Vibrato	
	036	Slap Bass 1	Vibrato	
	037	Slap Bass 2	Vibrato	
	038	Synth Bass 1	Vibrato	
	039	Synth Bass 2	Vibrato	
Strings	040	Violin	Vibrato	
	041	Viola	Vibrato	
	042	Cello	Vibrato	
	043	Contrabass	Vibrato	
	044	Tremolo Strings		
	045	Pizzicato Strings		
	046	Harp	Vibrato	
Ensembles	047	Timpani		
	048	Ensemble Strings	Vibrato	
	049	GM Slow Strings	Vibrato	
	050	Synth Strings 1	Vibrato	
	051	Synth Strings 2	Vibrato	
	052	Choir Aahs	Vibrato	
	053	Voice Oohs	Vibrato	
	054	Synth Vox	Vibrato	
Brass	055	Orchestra Hit		
	056	Trumpet	Vibrato	
	057	Trombone	Vibrato	
	058	Tuba	Vibrato	
	059	Muted Trumpet	Vibrato	
	060	French Horn	Vibrato	
	061	Brass Section	Vibrato	
	062	Synth Brass 1	Vibrato	
Reed	063	Synth Brass 2	Vibrato	
	064	Soprano Sax	Vibrato	
	065	Alto Sax	Vibrato	
	066	Tenor Sax	Vibrato	
	067	Baritone Sax	Vibrato	
	068	Oboe	Vibrato	
	069	English Horn	Vibrato	
	070	Bassoon	Vibrato	
	071	Clarinet	Vibrato	

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Controllers for PCR-1 GM Programs

Category	ID	Sound Name	Slider A / Green Knob A (MIDI 1)	Other Controllers
Pipe	072	Piccolo	Vibrato	
	073	Flute	Vibrato	
	074	Recorder	Vibrato	
	075	Pan Flute	Vibrato	
	076	Bottle Blow	Vibrato	
	077	Shakuhachi	Vibrato	
	078	Whistle	Vibrato	
	079	Ocarina	Vibrato	
Synth Lead	080	Square Wave	Vibrato	
	081	Sawtooth Wave	Vibrato	
	082	Synth Calliope	Vibrato	
	083	Chiffer Lead	Vibrato	
	084	Charang	Vibrato	
	085	Solo Vox	Vibrato	
	086	5th Saw Wave	Vibrato	
	087	Bass & Lead	Vibrato	
Synth Pad	088	Fantasia	Vibrato	Slider C / Green Knob C: Layer 3 Volume
	089	Warm Pad	Vibrato	
	090	Polysynth	Vibrato	
	091	Space Voice	Vibrato	
	092	Bowed Glass	Vibrato	
	093	Metal Pad	Vibrato	
	094	Halo Pad	Vibrato	
Synth FX	095	Sweep Pad	Vibrato	
	096	Ice Rain	Vibrato	Slider C / Green Knob C: "Rain" Volume
	097	Soundtrack	Vibrato	
	098	Crystal	Vibrato	
	099	Atmosphere	Vibrato	
	100	Brightness	Vibrato	
	101	Goblins	Vibrato	Slider C / Green Knob C: "Goblins" Vol
	102	Echo Drops	Vibrato	
Ethnic	103	Star Theme	Vibrato	
	104	Sitar	Vibrato	
	105	Banjo	Vibrato	
	106	Shamisen	Vibrato	
	107	Koto	Vibrato	
	108	Kalimba	Vibrato	
	109	Bagpipe	Vibrato	Slider C / Green Knob C, MIDI 9: Tone
	110	Fiddle	Vibrato	
	111	Shanai	Vibrato	

Category	ID	Sound Name	Slider A / Green Knob A (MIDI 1)	Other Controllers
Percussion	112	Tinkle Bell	Vibrato	
	113	Agogo	Vibrato	Slider C / Green Knob C: Random Pitches
	114	Steel Drums	Vibrato	
	115	Wood Block	Vibrato	Slider C / Green Knob C: Random Pitches
	116	Taiko	Vibrato	
	117	Melodic Tom	Vibrato	
	118	Synth Drum	Vibrato	
	119	Reverse Cymbal	Vibrato	
Sound FX	120	Guitar Fret Noise	Vibrato	
	121	Breath Noise	Vibrato	
	122	Seashore	Vibrato	
	123	Bird	Vibrato	
	124	Telephone	Vibrato	Slider C / Green Knob C: Switch Phones
	125	Helicopter	Vibrato	
	126	Applause	Vibrato	Slider C / Green Knob C: Bravo!
	127	Gunshot	Vibrato	

GM Drum Kits

The eight GM drum kits are available whichever program set you've installed/loaded. They're stored in Bank 7. Also in Bank 7 is a program called **008 Sine**, which the PC2 uses for some of its internal diagnostic testing.

ID	Name
000	GM Standard Kit
001	GM Room Kit
002	GM Power Kit
003	GM Elec Kit
004	GM Synth Kit
005	GM Jazz Kit
006	GM Brush Kit
007	GM Orch Kit

