

K2500

Stereo Piano ROM Option Reference Guide

KURZWEIL

Music Systems

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Part Number: 910265 Rev. B

Stereo Piano ROM Option for the K2500 Series

This manual guides you through the organization and features of the K2500's Stereo Piano Option. This option adds 4 Megabytes of Stereo Piano samples to your K2500, and also enables you to upgrade your sounds further with the 8 Megabyte Orchestral ROM and the 8 Megabyte Contemporary ROM.

The Stereo Piano Option adds objects in the 700s bank. There you will find new programs, keymaps, samples, and a new effect - "709 Soundboard/Rvb".

Monaural Piano Programs

Most of the new piano programs are set to play in stereo, though "780 MonoStudioGrand," as well as a number of programs on the accessory disk are designed for mono use. If the pianos are to be played through a mono sound system, the best results will come from these mono programs, not the stereo programs mixed to mono.

Stretch Tuning

Unless otherwise noted, piano programs are "stretch" tuned, like an acoustic piano. Since the higher harmonics of a stretched string tend to be sharper than those of the real harmonic series, stretch tuning ensures that the piano remains in tune with itself harmonically. Stretch tuning is sometimes referred to as "solo" or "beat" tuning.

Keymaps with "440" as part of their name - such as "776 Mono Piano 440" offer straight (non-stretch) tuning, where the fundamental of each note is tuned to A440. Programs that use these keymaps (e.g., "777 Piano for Layers") will mix better with other acoustic and electronic instruments. This type of tuning, therefore, is sometimes known as "ensemble" tuning.

Stereo Piano ROM Programs

As shown below, the number of programs added to the 700s bank will depend on whether you have also added the Orchestral and/or Contemporary ROM options. Contact your Young Chang / Kurzweil dealer if you are interested in these additional upgrades.

Piano ROM only		...with Orchestral ROM	...with Contemporary ROM		
770	Concert Piano 1	788	Piano Trio	794	Water Piano
771	Studio Grand	789	Pno & Syn String	795	StPno & OrchPad
772	Brt Grand & Str	790	Fluid Grand	796	Grand & Pad
773	Stereo Solo Pno	791	Haunted Piano	797	Pop Grand Stack
774	Brt Concert Pno	792	Xylopiano	798	Prepared Piano
775	Concert Piano 2	793	Grand,Harp&Lead	799	Tack Piano Stack
776	Soft Piano				
777	Piano for Layers				
778	Rok Piano				
779	RandomPan Grand				
780	MonoStudioGrand				
781	Grand & Elec 1				
782	Grand & Elec 2				
783	St Pno & Vox Pad				
784	Funky Piano				
785	E Grand Stack				
786	Way Dark Piano				
787	Piano Chase				

Stereo Piano ROM Keymaps

770	Stereo Piano	<i>Both sides of stereo image can be edited at the same time to preserve image stability.</i>
771	Piano Left	<i>These two keymaps are the same as 770, but either side of the stereo image may be edited independently.</i>
772	Piano Right	
773	Pno440 Left	<i>These two keymaps are non-stretched 440 tuned, for use when layering with other non-piano keymaps so that the upper notes are in tune.</i>
774	Pno440 Right	
775	Mono Piano	<i>This is a stretch tuned mono keymap consisting of the best quality samples from either left or right portions of the stereo samples.</i>
776	Mono Piano 440	<i>This is a non-stretch tuned mono keymap consisting of the best quality samples from either left or right portions of the stereo samples.</i>
777	Hybrid Piano 1	<i>This is a mono keymap consisting of samples not used in 775.</i>
778	Way Dull Piano	<i>This keymap is specifically designed for program 786 "Way Dark Piano".</i>

Stereo Piano ROM Samples

770	StereoPiano b0
771	StereoPiano e1
772	StereoPiano a1
773	StereoPiano d2
774	StereoPiano a#2
775	StereoPiano d3
776	StereoPiano a3
777	StereoPiano c#4
778	StereoPiano f4
779	StereoPiano b4
780	StereoPiano f5
781	StereoPiano b5
782	StereoPiano e6
783	StereoPiano a6
784	StereoPiano a6NR
785	StereoPiano e7
786	Piano Left
787	Piano Right

Stereo Piano ROM Programs with Controller Assignments

This list describes how the Stereo Piano ROM programs can be modulated or altered by different MIDI controls. Only controls that may not be immediately evident are listed; controls such as attack velocity and keynumber are assigned to most programs.

Prg #	Program Name	Comments
770	Concert Piano 1	General purpose stereo piano for solo playing. Uses several layers, w/ specific filter settings & curves for different key ranges & strike levels. Soft pedal replaces all layers with layer 1, emulating <i>una corda</i> (u.c.) sound.
771	Studio Grand	Dynamics & brightness compressed for easy control & mixing w/ other instruments. Soft pedal emulates <i>una corda</i> (u.c.) sound.
772	Brt Grand & Str	Mod Wheel: String Balance, Data: String Brightness
773	Stereo Solo Pno	For classical solo piano, using wider dynamic range and more sustained envelope. Soft pedal emulates <i>una corda</i> (u.c.) sound.
774	Brt Concert Pno	Similar to Concert Piano 1, but filter velocity curves exaggerated for easy dynamics; Hard strikes very bright. Soft pedal emulates <i>una corda</i> (u.c.) sound.
775	Concert Piano 2	Suitable for solo playing. Easily edited, and may be played on a non-drum channel.
776	Soft Piano	
777	Piano for Layers	Import this template to other programs to create piano combinations. Its 440 tuning controls beating in the upper range when layered with other waveforms.
778	Rok Piano	Data: Wet/Dry Mix
779	RandomPan Grand	Each side of stereo sample played by independent layer. Layers aren't synchronized, so slight variations in note starts between them create an unstable stereo image. Data: Wet/Dry Mix
780	MonoStudioGrand	Monaural sample; a hybrid of the left and right channels of stereo recording. Use mono programs such as this in live performance with mono PA system. Soft pedal emulates <i>una corda</i> (u.c.) sound. Data: Treble Boost
781	Grand & Elec 1	Mod Wheel: String Balance, Data: Wet/Dry Mix
782	Grand & Elec 2	Mod Wheel: Treble Boost, Data: Wet/Dry Mix
783	St Pno & Vox Pad	Mod Wheel: Vibrato, Data: Pad Swell
784	Funky Piano	Mod Wheel: Wah Rate, MPress: Filter Freq.
785	E Grand Stack	Mod Wheel: Pad Balance
786	Way Dark Piano	
787	Piano Chase	Mod Wheel: Vibrato, Data: Wet/Dry Mix, MPress: Vibrato
Orchestral ROM Piano Programs (require Orchestral ROM)		
788	Piano Trio	Data: Ride Cymbal fade, MPress: Vibrato- Bass
789	Pno & Syn String	Mod Wheel: String fade, Data: String swell
790	Fluid Grand	Data: Wet/Dry Mix
791	Haunted Piano	Mod Wheel: Harp Balance, Data: Wet/Dry Mix
792	Xylopiano	Mod Wheel: Release Ctl, Data: Wet/Dry Mix
793	Grand,Harp&Lead	Mod Wheel: Lead Tremolo, Data: Lead Fade, MPress: Lead Tremolo Sustain pedal does not affect lead sound.
Contemporary ROM Piano Programs (require Contemporary ROM)		
794	Water Piano	Mod Wheel: Vibrato, Wet/Dry Mix, MPress: Vibrato
795	StPno & OrchPad	Mod Wheel: Pad Balance
796	Grand & Pad	Mod Wheel: Pad Balance, Data: Bell Release Envelope
797	Pop Grand Stack	Mod Wheel: Bell Fade, Data: Wet/Dry Mix, MPress: Vibrato
798	Prepared Piano	Mod Wheel: Alt Switch - Mbira, Data: Wet/Dry Mix
799	Tack Piano Stack	Mod Wheel: Bell Fade, W/D Mix, Data: Pitch Env - Mbira