Art of Sound

Professional soundware solution

PC3K/PC3:Works
Electro

Reference Guide

Kurzweil PC3K/PC3

Dear customer,

Thank you for purchasing PC3K/PC3:Works – Electro, the second Art of Sound soundware library designed for Kurzweil PC3K and Kurzweil PC3 synthesizers.

This collection is dedicated to all Kurzweil PC3K and Kurzweil PC3 users – fans of vintage electric piano, clavinet and electric organ emulations including experimental and modern el. piano and el. organ sounds.

We believe that our sound programs will bring you a great source of musical inspiration.

Art of Sound

PC3K/PC3:Works Soundware Collections

The Art of Sound **PC3K:Works** and **PC3:Works** soundware collections are designed for following Kurzweil PC3K/PC3 model series:

The PC3K:Works collection is designed for Kurzweil PC3K (PC3K8, PC3K7 and PC3K6) synthesizers.

The PC3:Works collection is designed for Kurzweil PC3 (PC3X, PC3 and PC361) synthesizers.

It is also possible to use the PC3:Works collection for Kurzweil PC3LE8, PC3LE7 and PC3LE6 synthesizers but with the limitations of sound program parameters controlled via onboard MIDI controllers, including some of the KDFX settings.

Please see below the list of standardized MIDI controller setup.

PC3K/PC3:Works – Electro / Sound Program Categories

The entire PC3K:Works – Electro and PC3:Works – Electro sound program collections are carefully categorized to provide efficient searching and better user comfort for studio composing and live performance.

These soundware collections include the following categories:

Clavinets

This category contains clavinet emulations including various filtered and specially modulated clavinet sound programs.

Electric Pianos

Special category of the electric piano sound programs carefully designed for various music styles.

This soundware category contains the classical Rhodes, Wurlitzer, Yamaha CP80, Hohner Pianet and FM electric piano emulations including the experimental electric piano sounds.

Info: Some of electric piano sound programs contain the individual sound program layer of the key thump and key release emulations (controlled via MIDI 29 – On/Off switch) to increase the vintage authenticity of the final sound.

Note: We recommend to use the sustain pedal for tremolo On/Off switch, and/or sustain modulation – especially for ambient and chillout music styles.

Electric Organs

Ultimate category of electric organ emulations based on Kurzweil PC3K/PC3K internal ROM samples (organ, organ drawbars and organ partials).

This soundware category contains vintage electric organs including modern filtered, specially modulated and distorted organ sounds for various music styles.

Info: Some of electric organ sound programs contain the individual sound program layer of the key release emulation (controlled via MIDI 29 – On/Off switch) to increase the vintage authenticity of final sound.

In addition the "Electric Organ" category – "Organ 3" sound bank also contains, as a free bonus, more than 65 organ sound program variations including more than 100 new KDFX effect settings sorted into the individual effect groups:

- Single effects: (Delay, Chorus, Flanger, Phaser, Distortion)
- Effect combinations: (Chorus + Delay, Flanger + Delay, Phaser + Delay, Distortion + Delay)

These KDFX effect settings use the onboard controller MIDI 28 (Slider I) for Wet/Dry effect level.

Info: Most of delay effect settings (single effects and effect combinations) use the internal MIDI clock for easy BPM (beats per minute) synchronization.

The detailed technical information (for example: MIDI controller settings, etc.) is available directly in sound program info section (soft button – "Info").

Tip: It is very useful to use the MIDI controller 6 (slider A) and MIDI controller 23 (slider D) during your solo playing in higher octaves.

KB3 Mode Organs

This category contains the various KB3 Mode Organ sound programs with KDFX Rotary (Leslie) emulations including the KDFX effect settings (for example: Distortion, Speaker Emulator, Delay – controlled via MIDI 29 – On/Off switch, etc.).

Info: The PC3K/PC3:Works – Electro KB3 Mode sound programs are great supplement to the official Kurzweil KB3 Mode Organs.

Note: Some of the KB3 Mode sound programs might sound slightly different on the Kurzweil PC3LE synthesizers due to limited internal KDFX effect processor.

Global Info: We recommend to use the onboard MIDI controllers (slider A – I, including the On/Off switch / MIDI controller 29 – Kurzweil PC3K/PC3 only) to get different sound program variations for your musical inspiration.

Detailed descriptions and listings of the PC3K/PC3:Works – Electro sound programs are provided as separate PC3K:Works – Electro and PC3:Works – Electro sound program lists (PDF documents).

Operating System

PC3K/PC3:Works sound programs require following OS to be installed in your synthesizer:

Kurzweil PC3K – OS 2.03.16965 or higher (both PC3:Works and PC3K collections are supplied and supported – see the above note for PC3K users).

Kurzweil PC3 – OS 2.03.16964 or higher (only the PC3:Works collection is supplied and supported).

Kurzweil PC3LE – OS 2.02 or higher (only the PC3:Works collection is supplied and supported).

Actual Kurzweil PC3K/PC3/PC3LE OS versions are available free of charge at official Kurzweil company website http://www.kurzweil.com – section "Download".

Please, backup your user programs and settings before installation of the OS update!

PC3K:Works / Kurzweil K2600 Compatibility File

Important note for Kurzweil PC3K users: The PC3K:Works – Electro requires the Kurzweil K2600 compatibility file to be installed into your synthesizer. **If the Kurzweil K2600 compatibility file is not installed, the PC3K:Works – Electro sound programs do not work correctly!** Please, install the Kurzweil K2600 compatibility file into your Kurzweil PC3K synthesizer, before loading the PC3K:Works – Electro collection. The Kurzweil K2600 compatibility file is available free of charge at official Kurzweil company website http://www.kurzweil.com – section "Download". The entire installation procedure is very easy and takes a few minutes only.

The all PC3K:Works – Electro collections are provided with our PC3:Works – Electro collections designed for Kurzweil PC3 synthesizers.

The PC3:Works – Electro does not require above described Kurzweil K2600 compatibility file installation.

However, we highly recommend to use the PC3K:Works – Electro.

The main advantages of the PC3K:Works version over the PC3:Works one are more number of the sound programs, better sonic quality of some organ sounds based on original K2600 drawbar and organ samples.

Please, backup your user programs and settings before installation of the Kurzweil K2600 compatibility file!

PC3K/PC3:Works – Electro / Real Time MIDI Controller Standard

Most of the PC3K:Works – Electro and PC3:Works – Electro sound programs support the Kurzweil PC3K/PC3 keyboard velocity, press sensitivity and also onboard MIDI controllers.

Below is the list of the standardized controller setup used for the Kurzweil PC3K/PC3/PC3LE sound parameters modulations:

MIDI CC	PC3K/PC3	PC3LE *)	Assigned parameters
MIDI 1	Modulation Wheel	Modulation Wheel	Vibrato, Tremolo or Multiple parameter modulations
MIDI 6	Slider A – Data Entry	–	Low Pass, Band Pass, Notch filter modulation or EQ – Treble level
MIDI 13	Slider B	–	Low Pass and High Pass filter resonance
MIDI 22	Slider C	Knob 9	High Pass filter cutoff
MIDI 23	Slider D	Knob 10	Sound program Layer detune, Layer Crossfade, etc.
MIDI 24	Slider E	Knob 11	Envelope Control – Attack

MIDI 25	Slider F	Knob 12	Envelope Control – Decay
MIDI 26	Slider G	Knob 13	Envelope Control – Release
MIDI 27	Slider H	Knob 14	Envelope Control – Attack State (for soft or extra snappy envelope attacks)
MIDI 28	Slider I	Knob 15	KDFX internal effect processor – Wet/Dry
MIDI 29	Switch	–	Sound program Layer and KDFX internal effect – On/Off

*) Kurzweil PC3LE synthesizers have different set of MIDI controllers onboard than PC3K/PC3, however any programmable external MIDI controller can be used to transmit the required standard MIDI CCs described in first column of the above sheet.

Loading Files

For detailed information how to load the supplied sound program banks into your Kurzweil PC3K/PC3/PC3LE synthesizers, please see official Kurzweil PC3K/PC3/PC3LE Musician Guides.

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