Art of Sound

Professional soundware solution

PC3K/PC3:Works
Synth Collection

Reference Guide

Kurzweil PC3K/PC3

Dear customer,

Thank you for purchasing PC3K/PC3:Works – Synth Collection, the first 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 the genuine synthesizer sound.

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 the Kurzweil PC3LE8, PC3LE7 and PC3LE6 synthesizers but with the limitations of sound program parameters controlled via onboard MIDI controllers.

Please see below the list of standardized MIDI controller setup.

PC3K/PC3:Works – Synth Collection / Sound Program Categories

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

These soundware collections include the following categories:

Vintage Synth

This soundware collection was created with a special emphasis on the so called "old school" feeling. It contains emulations of vintage synthesizers (e.g. Moog, Oberheim, ARP, Sequential Circuits, PPG, etc.).

Synth Pads

Large collection of warm, lush, sharp and modern "analog & digital" synth pads carefully designed for various music styles.

Synth Leads

Selection of monophonic and polyphonic leads with 70s and 80s retro feeling, including contemporary experimental leads. The aftertouch and portamento are extensively used to emulate the real lead synthesizer play style.

Synth Basses

Analog and digital synthesizer bass programs, including exclusive MiniMoog emulations based on Kurzweil PC3K/PC3´s KVA – Virtual Analog Oscillators and excellent Mogue LP filter.

ARP/SEQ Programs

Sound programs designed for the Arpeggiators and Step sequencers. ARP/SEQ programs use filtered KVA – Virtual Analog Oscillators - Saw, Square, Super Saw, Triple Saw and PWM, with extensive support of Kurzweil PC3K/PC3´s onboard real time MIDI controllers.

For detailed description of the Kurzweil PC3K/PC3 MIDI controller settings, please see the PC3K/PC3:Works – Synth Collection real time MIDI controller standard table below.

Sync Programs

Category containing leads and filtered programs with the oscillator sync. Oscillator sync is one of the features available on synthesizers with two or more oscillators, where one oscillator restarts the period of the second one, so they have the same base frequency. The timbre is then altered on the synced oscillator by adjusting its frequency input providing sharp and metallic sounds.

Global Info: Detailed descriptions and listings of the PC3K/PC3:Works – Synth Collection sound programs are provided as separate PC3K:Works – Synth Collection and PC3:Works – Synth Collection 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 – Synth Collection requires the Kurzweil K2600 compatibility file to be installed into your synthesizer. **If the Kurzweil K2600 compatibility file is not installed, the PC3K:Works – Synth Collection sound programs do not work correctly!** Please, install the Kurzweil K2600 compatibility file into your Kurzweil PC3K synthesizer, before loading the PC3K:Works – Synth Collection sound programs. 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 – Synth Collection(s) are provided with our PC3:Works – Synth Collection(s) designed for Kurzweil PC3 synthesizers.

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

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

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 synth pads, synth basses and vintage emulations based on original K2600 saw and square oscillator samples.

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

PC3K/PC3:Works – Synth Collection / Real Time MIDI Controller Standard

Most of the PC3K:Works – Synth Collection and PC3:Works – Synth Collection sound programs support the Kurzweil PC3K/PC3 keyboard velocity, press sensitivity and also onboard MIDI controllers. The controller sliders and wheels are used, especially for synth basses, ARP/SEQ and Sync sound programs.

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 and Notch filter modulation
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, PWM, Shaper amount, Sync oscillator pitch, 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 – 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.

Contact Address

Art of Sound
PO Box: 120
Bubenske nabrezi 1
Prague 7
170 00

Czech Republic

European Union

World Wide Web Home Page

http://www.aos-pro.com

E-mail Address

info@aos-pro.com

AOS™