

Kurzweil announces the K2700 Workstation



Kurzweil announces the new K2700, the latest addition to the legendary K Series. Introduced in 1990, the K2000 laid the foundation for the legendary reputation of Kurzweil's K2XXX series. For the first time, it was possible to process not only the factory ROM samples but also your own samples with the outstanding, unique V.A.S.T Synthesis, thus creating signature keyboard sounds and sonic spheres of previously unattainable sound quality and complexity. Countless famous musicians and bands such as Pink Floyd, Roger Waters, The Who, Billie Joel, Sting, Andrew Lloyd Webber and many more have relied on the Kurzweil K-Series live on stage and in the studio.

The K2700 is the modern incarnation of the legendary Kurzweil K-Series workstations and continues the tradition. With 256 voices of V.A.S.T. polyphony, the K2700 offers 5 times the polyphony of all previous K2 models. 4.5 GB of factory sounds and 3.5 GB of memory for user samples knock the spots of all its predecessors. With V.A.S.T synthesis and editing, 6-operator FM engine, virtual analogue synthesis with anti-aliasing oscillators and KB3 tonewheel organs, the K2700 offers unlimited sound design possibilities. Exclusive features such as the patented FlashPlay technology, the K.S.R. - Kurzweil String Resonance technology, an integrated audio interface, the new live audio inputs and unique live performance and master keyboard functions make the K2700 the perfect master controller for every keyboard setup on stage and in the studio. The K2700 will be available in May.

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Berlin, 2nd of March 2021 – Witness the evolution of the legendary K2 Series Workstations! The patented FlashPlay® technology powers the K2700 with dizzying performance. With 1500 factory presets and 700 multis from 4.5GB of factory sounds, the K2700 workstation offers a variety of sounds that is second to none. In addition, you can load your own samples into the 3.5GB of non-volatile memory. The fully weighted Italian 88-note hammer-action keyboard with aftertouch will make even pianists' hearts beat faster. And with 16 MIDI zones, over 60 different physical controllers including ribbon controller, drum pads, and a wide array of programmable faders, knobs and buttons, any keyboard setup no matter how large, can be mastered on stage or in the studio.

SOUND ENGINE**256 Voices of V.A.S.T. Polyphony!**

Over 5x the polyphony of any previous K2 series model!

Overview**Facts**

- Kurzweil announces K2700 workstation
- 88 keys hammer action with aftertouch
- 4,5 GB factory sounds
- 3,5 GB memory for user samples
- 256 voices
- V.A.S.T Synthesis and editing
- Patented FlashPlay®-Technology
- 6-Operator FM engine
- Sequencer for notes and controllers, multi-track arpeggiator and Riff generators
- More than 80 realtime controller
- USB audio interface
- Live Audio inputs

Product name

K2700

Brand

Kurzweil

Exclusive distribution

Sound Service GmbH

Website

www.sound-service.eu
www.kurzweil.com

MSRP:

TBA

Availability

ca. May 2021

Media

Press download incl. images
<https://blog.sound-service.eu/press-kits/>

Products for review

Please use press contact below!

Press Contact details**Sound Service GmbH**

Martin Pohl
 Tel.: +49 (0) 30 707 130-145
 E-mail: m.pohl@sound-service.eu

Company details**Sound Service GmbH****Moriz-Seeler Str. 3**

12489 Berlin

+49 (0) 30 707 130-0

E-mail:

info@sound-service.eu

Web:

www.sound-service.eu

4.5 Gigabytes of Factory Sounds!

The K2700 serves up a deep sound library of over 1500 factory Programs and over 700 Multi combinations organized into 13 instrument categories ranging from Pianos to Synths to Orchestral sounds and more, featuring our optimized unlooped German D, Japanese C7 and Triple Strike pianos, Classic Tine EPs ('73 & '77), plus updated sounds from our popular SP6, PC3/4, and KORE64 expansion.

Patented FlashPlay® Technology

Flash-Play® provides the K2700 with a staggering amount of horse-power. Up to 8 GB total capacity with zero-loading time, and ultrafast performance.

3.5 Gigabytes User Sample Memory

Load up to 3.5 GB of your own custom samples into non-volatile flash memory. Supported sample formats: .WAV, .AIF (up to 16 bit / 96kHz) and Kurzweil formats (.FOR, .PC4, .P3K, .KRZ, .K25, .K26).

V.A.S.T. Editing

V.A.S.T. was born in the K2 series. The K2700 expands on Kurzweil's legendary Variable Architecture Synthesis Technology offering 32-layers per program, deeply customizable signal paths and a host of modular DSP tools including new oscillators, filters, and FX.

6-Operator FM Engine

6 Operator FM Engine with the ability to load original FM SysEx files. FM layers are a new addition to VAST programs and can be combined with VAST features to go far beyond classic FM synthesis.

Virtual Analog

Embedded within the K2700 are powerful anti-aliasing, power-shaped oscillators along with DSP processing from Kurzweil's mythical VA1 concept synth, capable of delivering authentic analog emulations as well as incredibly complex new sounds.

KB3 ToneReal™ Organs

Modeled after classic organs. A full complement of tonewheel controls are immediately accessible including 9 realistic drawbars, rotary speed, chorus/vibrato, brake, percussion and more.

Powerful FX Engine

Award-winning Reverbs, Delays, Choruses, Flangers, Phasers, Distortions, Rotary Amplifiers, Compressors and more – all fully editable from the user-interface. The K2700 also offers a global Master FX section featuring 3-band EQ and Compression.

K.S.R. – Kurzweil String Resonance

Piano string resonance modeling for enhanced acoustic piano performance!

PERFORMANCE**88-Note Italian Hammer-Action Keyboard**

Every sound within the K2700 is perfectly matched to its 88-note fully-weighted keyboard with aftertouch. Further customize the MIDI velocity and pressure response to suit your personal playing style.

16-Zone Multi Controller Mode

Construct massive sonic combinations via Kurzweil's renowned Multi mode (aka Setup mode) offering 16 zones of unparalleled MIDI controller capabilities, with each zone supporting over 60 separate physical controllers!

16-Track Sequencer

The K2700 features a 16-track internal sequencer to record/edit/mix/produce your own tracks – all in the box. Import MIDI (.mid) files as well as Kurzweil PC3/PC4/Forte-family songs.

16 MIDI CC Sequencers

Add sonic animation to your sounds via 16 simultaneous MIDI CC Step Sequencers for modulation sequencing

16 Riff Generators

Trigger and manipulate up to 16 simultaneous MIDI sequences on the fly. Select from an internal library of patterns or record/import your own!

16 Note Arpeggiators

Looking for a pulse? Activate up to 16 independent Arps (1 per program, 16 per Multi) and dive into the 'Step Sequencer' environment!

CONTROLS**Built-In Ribbon Controller**

Bend pitch, from musically subtle variations to deep dives? Of course. But then go beyond the expected and control filters, volume, tempo, distortion, and more. Configure the Ribbon to have one control section that runs its entire length, or to have three sections of equal length acting independently.

16 Pad Triggers

Use the 4 x 4 grid of velocity sensitive pads to trigger drums & percussion with precision. Further, activate zone mutes, trigger notes/chords, filters, add layers, control the Arp, CC Sequencers and more.

Programmable Sliders, Knobs & Buttons

9 sliders, 9 knobs and 10 buttons. All programmable. Internally control volumes, pans, filters, FX wet/dry, envelopes, mutes, etc. Externally transmit any desired MIDI CC's to your DAW host.

Widescreen Color Display

Navigate the K2700 with a clear, easy to read 4.3" 480x272 widescreen color LCD display.

Master Transport Controls

Use the Transport section to control recording and playback of the on-board 16-track sequencer as well as your favorite DAW (via MMC and System Real-Time messages).

Categorized Sound Selection

Easy Category and Program/Multi selection featuring customizable category defaults.

Pitch/Mod Wheels & Transpose Controls

Front panel pitch/modulation wheels for expressive performances accompanied by dedicated +/- transpose controls for quick/easy key changes.

Pedal to the Metal

Two assignable switch pedal jacks* and two assignable CC pedal jacks.
(*supports half-damper functionality and up to 4 switch pedals with 2 pedals per jack)

AUDIO INTERFACE + I/O**Integrated USB Audio Interface**

Record straight to your DAW via USB. No separate interface required. Connect your choice of line/instrument/mic source and route audio from the K2700 and its analog inputs to your DAW, with or without FX. The audio interface section features per channel gain knobs, peak-level LEDs, Hi-Z switching and +48v phantom power.

Live Audio Inputs w/ FX

Plug in and jam along with an external audio source via 1/4" – XLR combo inputs. Process the inputs through dedicated real-time FX to create new textures. Sweeten your vocal or backing tracks for live performance and internally mix the signal with the K2700's own output.

Balanced Audio Outputs

Connect to your favorite mixer, amp or studio monitors and route the K2700's audio signal (including input from the audio interface) amongst the four 1/4" TRS balanced outputs (two stereo pairs, A & B). The K2700 features pristine 32-bit D-to-A converters with automatic mono switching on main outs and a back-panel 1/4" stereo headphone jack.

USB MIDI + Audio + Storage

A single USB cable allows you to use the K2700 as both a MIDI controller and audio sound source with your DAW. USB Host functionality further allows for connecting USB class compliant devices such as an alternate keyboard controller or external fader/knob unit. USB also provides for storage of custom content and system updates.

TECHNICAL SPECIFICATIONS

Keyboard: 88-key, fully-weighted action with velocity and pressure (aftertouch) sensitive adjustable keys (Fatar TP/40L)

Display: 480 x 272 pixel high resolution color LCD with adjustable brightness

Polyphony: 256 voice polyphony, dynamically allocated

Multitimbral: 16 parts (one per MIDI channel)

Architecture: Dynamic VAST: powerful synthesis engine, with user programmable DSP algs and routing.

Cascade Mode: route one layer through the DSP of any other layer within a program – up to 32 consecutive layers deep!

TECHNICAL SPECIFICATIONS

KB3 ToneReel Engine
6-Operator FM Engine
VA1 Virtual Analog Oscillators + DSP
Sample Flash Memory: 4.5 GB factory samples
3.5 GB of re-loadable, non-volatile, user flash memory
Factory Programs: 1500+
User Programs: 4000+
Factory Multis: 700+ (up to 16 independent controller zones)
User Multis: 4000+
General MIDI: No
Kurzweil String Resonance: Yes
Master EQ/Compressor: Yes
Effects: Over 1000 complex effect chains, incorporated into programs featuring our award winning effects – reverbs, delays, chorus, flange, phaser, EQs, distortions, rotary speaker simulators, compressors, and more
32 total FX units

Controllers:

Monopressure (aftertouch)
1 pitch wheel
1 assignable modulation wheel
1 assignable ribbon controller
9 assignable sliders
9 assignable knobs
10 assignable buttons
16 assignable velocity sensitive pads
2 transpose switches
Tap tempo button and tempo knob
Arp controls
Transport controls
*2 switch pedal inputs each supporting single switch pedal or single half damper pedal (1 switch/sustain pedal is included; half-damper pedals sold separately)
2 continuous control pedal inputs

Sequencer: 16 Tracks; 960 PPQ resolution. Song editing functions include both event and track-based tools like quantize, swing, remap, controller scaling and more.

MIDI CC Step Sequencers: 16 simultaneous

Riffs: 16-per Multi

Arpeggiators: 1-per Program, 16-per Multi

Analog Outputs:

Four (2 pairs) 1/4" balanced TRS analog (32-bit DACs)
Automatic mono switching on main outs
+21dBu maximum output
50Ω balanced source impedance

Audio Inputs:

2 combination 1/4"/XLR jacks (one stereo pair) accepting Line/Instrument/Microphone level signals.
Dedicated Gain knobs, Hi-Z switch for electric guitar/bass, and +48V Phantom Power switch for Microphones.
Headphones: 1 back panel 1/4" headphone output; 130mW into 32 ohm headphones
MIDI: In, Out
Stereo audio in/out over USB
Complete MIDI functionality over USB
Play and control the K2700 with a USB MIDI controller (USB host functionality)
User Object file transfer to/from USB Flash Drive
Operating System updates from USB Flash Drive
Software Editors: External editors for Mac OS X, Windows PC and iOS* devices (*coming soon)
FREE OS Updates: OS updates via USB drive

Included Accessories: Power cable, Switch pedal, USB cable

Height: 5.5" (13.97 cm)
Depth: 15.5" (39.37 cm)
Length: 51" (129.54 cm)
Weight: 52 lb (23.58 kg)

About the Company Sound Service GmbH

Founded in 1983, the Berlin based Sound Service GmbH has been growing steadily from a one-product-distributor (MFB Fricke; the world's first digital drummachine) to one of the major independent german distribution companies for musical instruments recording studio equipment and PA, Lightning and DJ products. Today Sound Service is one of the leading distribution companies in Europe with exclusive distribution rights for a lot of the A-List MI-brands covering most of the countries in Europe