

Kurzweil announced SP7 Grand at NAMM 2022



Kurzweil introduced the SP7 Grand at NAMM 2022. The SP7 is the latest member of the famed SP series of stage pianos.

The SP7 Grand is designed upon our new synthesis platform A.T.S.T. and marks a new era in Kurzweil technology. The SP7 Grand offers 256 voice polyphony and 307 presets organized into 13 categories and features our German "D" 9 ft. Concert Grand derived from the K2700. The SP7 Grand A.T.S.T. engine provides significant advances in piano sound realism through support of higher resolution audio, smooth velocity transitions, a 2x oversampling filter and the use of both string and pedal resonance modeling, envelope/velocity controlled key-off samples as well as half-damper* pedaling, together delivering a heightened piano performance experience (* half-damper pedal sold separately). Combined with the new Fatar TP100LRG key action, the SP7 Grand offers an superb balance for feel and playability, serving a variety of playing styles.

The SP7 Grand marks a new milestone for Kurzweil and features a new design philosophy and user interface architecture. Color coded knobs and buttons correspond with the all new 1024 x 600 LCD touch screen and the instrument powers up in multi mode already. The built-in audio interface offers to Auto-stabilize the pitch of the mic input as well as adjust the signal's vibrato and legato qualities. Furthermore you can process your vocals and automatically generate up to 4-part harmonies in real-time as well generate as vocoder-like effects. The SP7 Grand will be shipping in the 3rd quarter of 2022.

Kurzweil SP7 Grand NAMM NEWS 2022 video: <https://bit.ly/3QoU1DI>

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Berlin, 17th of June 2022 – Kurzweil unveiled their new SP7 Grand Stage Piano at NAMM 2022. The SP7 Grand is designed upon our new synthesis platform A.T.S.T. and marks a new era in Kurzweil technology. Built around our custom semiconductor, A.T.S.T. features high fidelity audio, streamlined sound programming and boasts near seamless velocity layer transitions.

256 VOICES OF POLYPHONY

Serious polyphony to power your most demanding performances!

2 GIGABYTES OF FACTORY SOUNDS

The SP7 Grand offers 307 presets organized into 13 categories and features our German "D" 9 ft. Concert Grand derived from the K2700.

Overview**Facts**

- Kurzweil announces SP7 Grand Stage Piano
- New synthesis platform A.T.S.T
- New 88-note, fully-weighted hammer-action (Fatar TP100LRG)
- 2 GB Factory Sounds
- 256 voices polyphony
- String & Pedal Resonance modeling
- Envelope/Velocity controlled Key-Off Samples
- 7" color LCD touch screen
- 2-in/2-out 24-bit/48Hz USB audio interface
- Auto Pitch-correction and 4-part-harmonizer for mic input

Product name

SP7 Grand

Brand

Kurzweil

Exclusive distribution

Sound Service GmbH

Website

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

MSRP:

TBA

Availability

ca. Q3 2022

Media

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

Products for review

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PIANO FOCUSSED

Fueled by the German 9" grand piano samples found in our flagship K2700 workstation, the SP7 Grand A.T.S.T. engine provides significant advances in realism through support of higher resolution audio, smooth velocity transitions and a 2x oversampling filter.

DETAILS MATTER

The SP7 Grand pianos are further enhanced by the use of both string and pedal resonance modeling, envelope/velocity controlled key-off samples as well as half-damper* pedaling, together delivering a heightened piano performance experience (* half-damper pedal sold separately).

A MULTITUDE OF FX

21 effect algorithms are available to enhance the SP7 Grand's rich sound, including reverb, BPM-synced delay, chorus, flange, compression, various distortion types, rotary speaker, tremolo, wah-wah and eq.

88-NOTE HAMMER-ACTION KEYBOARD

Discover the TP100LRG key action, featuring the latest technology from Fatar, the world's leading piano keyboard manufacturer. The action is ideally balanced for feel and playability, serving a variety of playing styles.

16-ZONE MULTI CONTROLLER MODE

The SP7 Grand offers 16 performance zones for creating your own sonic split/layer combinations along with a host of customizable controllers.

HYBRID ARPEGGIATORS

The SP7 Grand Hybrid-Arpeggiator combines both a step-sequencer and note-arpeggiator. This original twist on the classic arpeggiator design is capable of generating endless possible musical phrases.

STAY IN TUNE AND HARMONIZE

Auto-stabilize the pitch of the mic input as well as adjust the signal's vibrato and legato qualities. Further process your vocals and automatically generate up to 4-part harmonies in real-time as well generate as vocoder-like effects.

COLOR TOUCH DISPLAY

Navigate the SP7 Grand via its elegant 1024 x 600 pixel, high resolution, 7" color LCD touch screen.

USB AUDIO INTERFACE

The 2-in-2 out 24 bit/48 kHz audio interface easily connects to your Mac/PC via USB. Mix with the various effects on the SP7 Grand to create new sounds. Loopback functionality further expands the production capabilities.

TAKE CONTROL

Express yourself and enhance your performances using the SP7 Grand's pitch/mod joystick, 8 knobs, 8 buttons, 2 switch pedal inputs and continuous control pedal input.

EASY ACCESS TRANSPOSE CONTROLS

Dedicated +/- transpose controls conveniently located on the left front panel.

(432 words/2499 characters)

TECHNICAL SPECIFICATIONS SP7 GRAND

Keyboard:	88-note, fully-weighted hammer-action (Fatar TP100LRG)
Display:	1024 x 600 pixel, high resolution 7" color LCD touch screen
Polyphony:	256
Multitimbral:	16 parts (one per MIDI channel)
Architecture:	A.T.S.T. – Authentic Timbre Synthesis Technology Featuring fixed PCM subtractive with variable filter and 2x oversampling state variable 96 kHz filter
Factory Samples:	2 GB
Factory Programs:	307
Factory Multis:	512
User Multis:	128
Multi Zones:	16
General MIDI:	GM2
Piano String Resonance:	Yes
Piano Damper Resonance:	Yes
Master EQ:	4-Band
Aux FX Busses:	2

Insert Effects: Reverb:	6 Algorithms
Modulation:	BPM-Sync'd Delay, Chorus/Flanger, Rotary Speaker, Vibrato, Tremolo, Auto Wah-Wah
Dynamic:	Compression, Noise Gate
Distortion:	Dist/Ovd/Tube/Fuzz, Bit Crusher
EQ:	4-Band, Hi/Low Shelf, Peak/Notch, Hi/Low Pass
Vocal Pitch Correction:	Yes / Automatic
Vocal Harmony Generation:	4-Part
Controllers:	1 Pitch/Mod Joystick 8 Knobs 8 Buttons 2 Transpose switches 2 Switch pedal inputs; supports a single half-damper pedal (1 switch/sustain pedal is included; half-damper pedals sold separately) 1 Continuous Control Pedal Input (pedal sold separately)
Arpeggiator:	8 – Hybrid-Arpeggiators
System Sample Rate:	48kHz (max 192 kHz)
System Bit Rate:	48 bit (fixed point)
Analog Inputs:	2 XLR-1/4" balanced combi
Analog Outputs:	2 1/4" Main 2 1/4" Monitor
Headphone:	1 back panel 1/4" headphone output
MIDI:	In, Out
USB MIDI:	1 Type B port
USB Audio Interface:	2-In/2-Out; 24-bit/48kHz
Software Editor:	External Macro Synthesis Editor (coming soon)
OS Updates:	via USB (Engine firmware), via SD card (GUI firmware)
Included Accessories:	Power cable, Switch pedal, USB cable, 1/4" TRS cable
Height:	4.7" (12 cm)
Depth:	14.6" (37 cm)
Length:	52" (132 cm)
Weight:	36 lb (16.3 kg)
Power:External	15VDC 2.5A Power Supply

About Kurzweil

Kurzweil Music Systems was founded in 1982 by Ray Kurzweil, who was inspired by Stevie Wonder after having collaborated on a reading machine for the blind. In 1983 the Kurzweil K250 was considered the first successful attempt to realistically emulate the sound of a grand piano. Since then, Kurzweil has been renowned for being a major innovator in the music tech industry and continues today stronger than ever under the proven leadership of Hyundai Development Co. With the all-new K2700, Kurzweil introduces this year its latest incarnation of the legendary K-Series synthesizer/workstation.

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