

Metamorphosis of a Legend

One of the most revered prefixes in the history of synthesis returns. Welcome the arrival of the JUPITER-80—a live-performance powerhouse that pays homage to its legendary namesake with road-proven hardware and massive sound, yet blasts into the future with advanced SuperNATURAL technology. The JUPITER-80's expressive, organic approach to synthesis makes a new world of sound design possible with multilayered SuperNATURAL textures under the control of a full-color touchscreen and creative hands-on controllers. Experience the metamorphosis of a legend with the all-new JUPITER-80!



- ▶ Powerful integrated SuperNATURAL synthesis engines designed for legendary vintage synth sounds to realistic organic acoustic sounds and more.
- ▶ Single Tone is equivalent to the performance of powerful single synthesizer—stack four of these to create a mind-blowing “Live Set”
- ▶ Tone Blender tweaks multiple parameters of tones in realtime for complex, emotive sonic movement during performance
- ▶ Fast, friendly operation with intuitive front panel and color touchscreen optimized for live performance
- ▶ 76-note semi-weighted synth keyboard, and 256 polyphonic voices (varies according to sound-generator load)
- ▶ USB-memory Song Player/Recorder for backing tracks or quick idea capture
- ▶ Easy integration with computers via built-in USB-MIDI/Audio interface

Past, Present, and Future Sound

The JUPITER-80 nods to its past with lethal, multi-layered SuperNATURAL synthesizer tones so fat you'll need a knife to cut through it, but that's only the beginning of what this powerhouse synth will do. Gigging musicians will love the stockpile of essential

sounds onboard, including Roland's famous SuperNATURAL Piano, strings, brass, and much more. The JUPITER-80 puts a fast-access user interface under your fingers—a dream for live performance. Its heavyweight design, complete with metal side panels, recalls the legendary JUPITER but with a modern twist.

Reconstructing the Sounds of Historic Synthesizers with SuperNATURAL technology

Recreate from vintage analog synth to digital synth with absolute realism



- Overwhelming synthesis power based on three-Oscillator, -Filter, -Amplifier, and -LFO architecture per tone
- Onboard powerful synth waveforms originating from vintage analog synths of the past
- Massive synthesis parameters including Ring Modulation, Wave Shaping, and especially Unison Mode (taken from the JUPITER-8) allows users to stack incredible number of Oscillators on one note

Over 350 PCM waveforms are picked up from the masterpieces of digital synthesis

Gorgeous collections of characteristic PCM waveforms from the masterpiece digital synths of the times. You can synthesize these waveforms any way you want on the Tone Edit screen. A few of the onboard sounds are listed below.

JP-8 Saw	Wire String	SBF Lead
JD-800 Sound	Metal Vox	Sync Sweep
Fantasia	SA EP	Atmosphere

Reproducing the Sounds of Acoustic Instruments with SuperNATURAL Technology

The JUPITER-80 features grand piano sounds with natural decay and seamless changes in tone color in response to the player's touch. Users can adjust various parameters such as Stereo Width and Hammer Noise.



The piano sounds...



The string sounds...



The brass sounds...



The acoustic guitar sounds...

Pitches transition naturally from note to note, when playing tied legato-style melody lines. Portamento, pizzicato and other articulations unique to string instruments are also played on the keyboard with no special technique.

Dynamic changes of tone colors unique to brass instruments are faithfully reproduced. Transition of harmonic overtone when playing two notes with a drastic raise in pitch, and the half-valve sound caused by playing trills can be reproduced with stunning reality.

Not only accuracy of the sound, but an authentic chord and melody performance along with stroke-style playing can be faithfully and easily played on the keyboard.

Behavior Modeling Technology

This is a modeling technology not only of the physical constructions of musical instruments but also the unique behaviors of each instrument according to the various articulations. This technology realizes rich, natural and expressive sound transitions in realtime.

Analog Synthesizer
The key sound characteristics of vintage analog synths: Oscillator waveforms unique to each model, characteristics of filter behavior, etc.

Digital Synthesizer
The key sound characteristics of each masterpiece digital synth deeply relies on its respective PCM wave table.

Performance related information

- Keyboard Phrasing
- Tempo
- Chords or Melody
- Legato or Staccato

Control signals

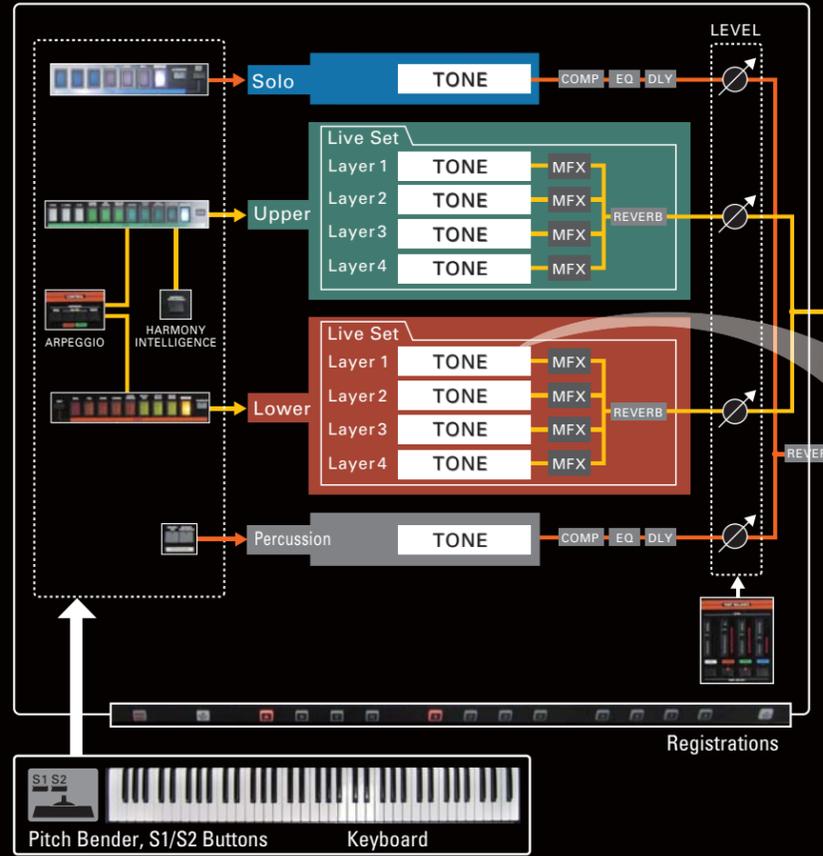
- Pitch Bend
- Modulation
- D Beam
- Assignable Buttons (S1, S2)
- Control Pedals (1,2)



JUPITER-80



JUPITER-80 Sound Generator Architecture



Powerful Live Sets Featuring Four-Tone Structure and Registrations

JUPITER-80's sound engine handles four x Tones with dedicated DSP per Tone as a basic unit "Live Set" for manual performance. Layering of Upper and Lower Live Sets, plus a specialized "SOLO" part, means the incredibly massive nine-Tone-stack sound. Customized complex settings can be saved as Registrations, and easily recalled during live performance.



Tone Blender

You will love the deep possibilities of the stackable SuperNATURAL architecture and unique features such as Tone Blender, which tweaks values of multiple parameters simultaneously and lets you "Capture" any new combination and save it as a Live Set. Create complex, emotional textures that respond, react, and evolve like nothing you've heard before.



Tone Blender can also dramatically enhance your live-performance capabilities by letting you assign its multiple parameters to controllers such as the D Beam.

KS-J8 Keyboard Stand

With its unique stylish look and ultra-stable design, the new KS-J8 is a premium multipurpose keyboard stand built for the serious stage performer. Constructed of aluminum pipes and iron for enhanced durability.



JUPITER-80 Specifications

Keyboard 76 keys (with velocity and channel aftertouch) | **Sound Generator Section** | **Maximum Polyphony** 256 voices (varies according to the sound generator load) | **Parts** 4 parts (Upper, Lower, Solo, Percussion) | **Registrations** 256 (including pre-loaded registrations) | **Live Sets** 2,560 (including pre-loaded Live Sets) | **Effects** < for Live Set (Upper/Lower part) > MFX: 4 units (parallel connection only), 76 types per each Upper/Lower (total: 8 units), Reverb: 1 unit, 5 types per each Upper/Lower (total: 2 units) < for Solo part/Percussion part > COMP + EQ + DELAY: 1 set per each Solo/Percussion (total: 2 sets), Reverb: 1 unit, 5 types | **USB Memory Song Player/Recorder Section** | **Tracks** 1 stereo track | **File Format** Playback: WAV, AIFF, MP3, Recording: WAV [Other] | **Display** Graphic Color LCD 800 x 480 dots (touch screen) | **Connectors** PHONES jack (stereo 1/4-inch phone type), MAIN OUT jacks (L, R) (XLR type), MAIN OUT jacks (L/MONO, R) (1/4-inch TRS phone type), SUB OUT jacks (L, R) (1/4-inch phone type), AUDIO IN jack (stereo miniature phone type), DIGITAL AUDIO OUT jack (COAXIAL), FOOT PEDAL jacks (HOLD, CTRL 1, CTRL 2), MIDI connectors (IN, OUT, THRU), USB COMPUTER connector (Audio/MIDI), USB Memory connector, AC IN | **Dimensions** 1,230.9 (W) x 439.3 (D) x 139.6 (H) mm / 48-1/2 (W) x 17-5/16 (D) x 5-1/2 (H) inches | **Weight** 17.7 kg / 39 lbs 1 oz
 * The specifications are subject to change without notice.