

The JP-8000 destroys all previous notions of what a synthesizer can do, redefining sonic possibilities the world over. With the JP-8000, comprehensive sonic expression and control are now at your command. Every single slider of this sonic monster opens a door to a radically new musical dimension.

A TRUE SYNTHESIZER IS...

From heavy, fat solos and bass sounds to sparkling, powerful, or mellow textures—a world of new sonic possibilities awaits. Introducing the Roland JP-8000, an unbelievably flexible synthesizer that lets you build a stunning sound library from a handful of waveforms.

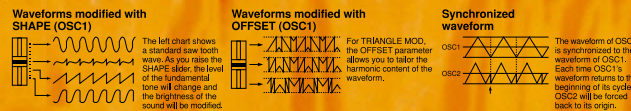
NEWLY DEVELOPED ANALOG MODELING SOUND SOURCE

Developed in the spirit of the finest vintage synthesizers, the JP-8000's Analog Modeling sound source once again puts the basic waveform at the center of the sound creation process. An intuitive user interface will get you up and creating within seconds, exploring new galaxies of sound. Without realizing that you're working with a DSP-driven powerhouse, you'll start to take advantage of its unprecedented possibilities.

A CREATIVE "HEART"—OSCILLATOR 1 and 2

The heart of the JP-8000 is like an analog synthesizer. It pumps with two VCO's, a VCF, a VCA and a dedicated LFO for modulation. (Analog terminology rules!) These basic building blocks will set your sonic world on fire.

EXAMPLES OF ON-BOARD WAVEFORMS



OSCILLATOR 1

This is where you select the basic waveform—the raw material you use to shape into the sound you have in mind. In addition to traditional Saw Tooth, Triangle, Square and Noise waves, the JP-8000 features new waveforms such as "Super Saw", "Triangle Mod", and "Feedback OSC".

● **SUPER SAW:** Equals the sonic result of seven sawtooth waveforms used simultaneously. Perfect for incredibly round, thick string voices. The DETUNE control allows you to create more spacious sounds, while MIX provides control over the body and thickness of the sound.

● **TRIANGLE MODULATION:** A rich triangle wave with a lot of energy in the overtones. Its shape can be altered using the OFFSET parameter to produce even more overtones.

● **FEEDBACK OSCILLATOR:** Reminds you of the type of feedback normally associated with electric guitars—perfect for solo sounds! Feedback amount and harmonic level are user-definable.

● **NOISE:** Produces many different "colors" of noise. Continuously variable from Pink Noise to White Noise. Using the powerful RESONANCE control feature, anything from slight emphasis to self-oscillation (sine wave) can be set.

● **SQUARE:** The basic ingredient for woodwind and typical synth sounds with adjustable pulse width and PWM depth.



● **SAWTOOTH:** The basic waveform needed for nearly all instruments (except woodwinds) as well as various unique synth sounds. The SHAPE parameter allows you to tailor the character of the saw tooth wave to your exacting needs.

● **TRIANGLE:** Contains only a limited number of overtones and is fairly neutral. Suitable for flute-like sounds.

OSCILLATOR 2

Oscillator 2 provides three basic waveforms which can be combined with Oscillator 1 to create ultra-fat sounds. Its pitch can be controlled within a +/-50 cent and/or +/-4 octave range using the RANGE and FINE/WIDE knobs. The SYNC function allows you to synchronize OSC2's waveform to that of OSC1. Thus, each time the OSC1 waveform returns to its origin, the OSC2 waveform returns to its beginning, creating a complex waveform with lots of overtones.

OSCILLATOR COMMON

The OSC COMMON section lets you modify the waveform and pitch of both OSC1 and OSC2, as well as the volume balance between OSC1 and OSC2 and the Cross-Modulation depth.

You can also add Ring Modulation, a technique used to produce inharmonic overtones perfect for metallic, dissonant, bell-like sounds. The Cross Modulation function allows you to modify the frequency of OSC1 using the output of OSC2, again producing complex waveforms.

POWERFUL SOUND MODIFICATION CONTROLS

Comprehensive control of parameters includes OSC Type, LFO 1, LFO 2, RING, SYNC, X-MOD, TVF, and ENVELOPE. The -24/-12dB selector switch of the filter allows you to fine-tune the characteristics of the (selectable) high-pass/low-pass/band-pass filter. And don't forget the CUTOFF

FREQUENCY and RESONANCE sliders. As you've come to expect, these guys can drive the filter all the way into self-oscillation.

The JP-8000 provides Pitch, Filter and Amplitude envelopes with adjustable DEPTH and inverted envelope possibilities. LFO1 has four waves and can be routed to various parameters including the oscillators, the filter and the amplitude function. LFO2 is made of a triangle wave and can be routed to the oscillators, the filter and the amplitude.

To top it off, the JP-8000 provides various functions usually associated with vintage synths, such as ring modulation, legato and portamento as well as a sync function between OSC1 and OSC2.

EXPRESS YOURSELF WITH MASSIVE REALTIME CONTROL

Parameters are accessed directly via intuitively placed knobs, sliders and buttons, as well as a pitch bend/modulation lever and a ribbon controller. The redesigned ribbon controller allows you to control several parameters simultaneously. The function of the sliders in the OSC1 section depends on the wave you select, providing refined sound creation in an analog-like fashion.

ADVANCED ARPEGGIATOR & REALTIME PHRASE SEQUENCER
Various types of arpeggio patterns and a powerful RPS (Realtime Phrase Sequencer) make the

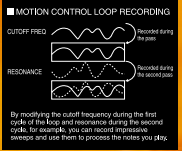
JP-8000 perfect for DJ-style "remix" performances. When switched on, the Arpeggiator transforms the chords you play into short musical phrases. It provides four modes (UP, DOWN, UP&DOWN, RANDOM), dozens of beat patterns, as well as HOLD and TEMPO controls and an adjustable octave range.

The RPS function allows you to assign complete licks to any of the 48 keys. It boasts 48 patterns, 24 ppq resolution, a loop length adjustable between 1-4 measures, an adjustable gate time, and several input quantize modes. Both the Arpeggiator and the RPS section can be synchronized to an external MIDI clock. Perfect for those pesky modern MIDI-types and for live performance.

MOTION CONTROL

The JP-8000 takes realtime sonic manipulation one step further with an innovative Motion Control feature.

This revolutionary sequencer continuously records all slider and knob movements you make in realtime in 8 measure sections. Playing back a Motion sequence thus allows you to concentrate on complex phrases, while the JP-8000 adds your own filter sweeps, etc., over and over with the same precision.



OTHER VERSATILE FUNCTIONS

The JP-8000 is fully MIDI-compatible. All slider, knob and ribbon controller movements are transmitted to any external MIDI device for instant recording. The powerful Individual Trigger function provides further flexibility by allowing you to start the Pitch, Filter, or Amp envelope at a different time from the remaining envelopes. All you need to do is select the envelope (destination), the MIDI channel, and the trigger note.

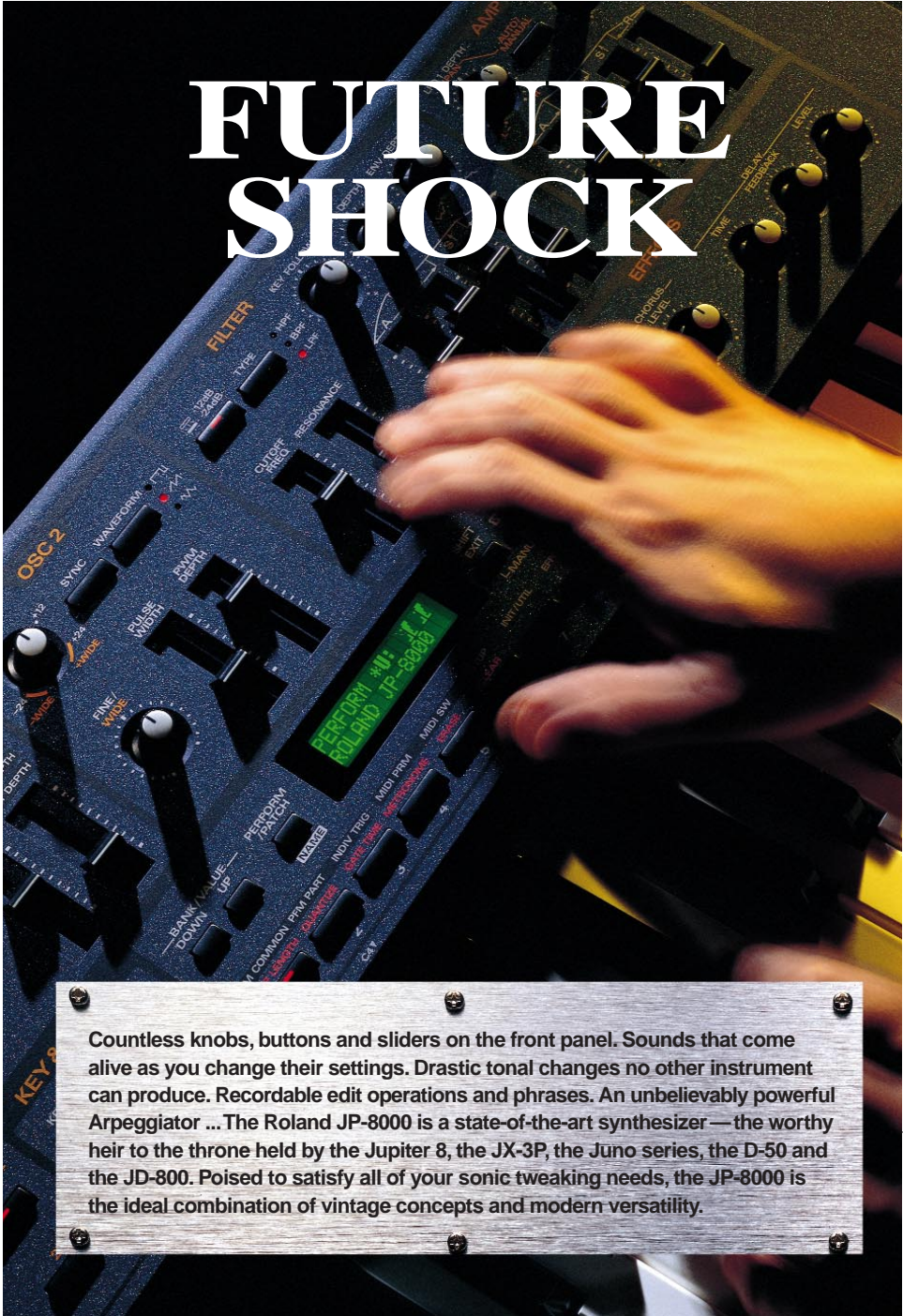
With dedicated knobs on the front panel for digital Delay and Chorus effects, and the treble/bass tone controls, you can put the icing on the most tempting sound cake ever. Save for volume and tempo, all parameters can be assigned to an optional expression pedal for even more creative control.

True to its pedigree, the JP-8000 is 8-voice polyphonic and can be used in Single, Dual or Split modes, the latter two meaning that two Patches will be triggered either simultaneously or from different keyboard areas (Upper and Lower). The JP-8000 boasts 128 Preset Patches and 64 Preset Performance memories, and another 128 User Patches and 64 User Performances. Thanks to its intuitive, knob-based user interface, a 16x2 backlit LCD is all the JP-8000 takes to stay in control.

The JP-8000 is a synthesizer no musician can afford not to have. It's time you experienced some future shock.

JP-8000

FUTURE SHOCK



PERFORMANCE LIST (PRESET)

No.	Performance Name	Lower Patch Name	Upper Patch Name	No.	Performance Name	Lower Patch Name	Upper Patch Name	No.	Performance Name	Lower Patch Name	Upper Patch Name
11	Chariots	Chariots U	Chariots U	37	Trance Floor	Trance Floor U	Trance Floor U	65	Split of 5ths	Split of 5ths L	Split of 5ths U
12	Fizzoid Bass	Fizzoid Bass L	Fizzoid Bass U	38	Arctic E-know	INIT PATCH	Arctic E-know U	66	Road To Goa	Road To Goa L	Road To Goa U
13	Screachy	Screachy L	Screachy U	41	Smooth Split	Smooth Split L	Smooth Split U	67	Rain Drops	Rain Drops L	Rain Drops U
14	Feedback Lead	INIT PATCH	Feedback Lead U	42	Fanfare	Fanfare L	Fanfare U	68	Wide Quark Rings	WideQuarkRings L	WideQuarkRings U
15	Trancer	Trancer L	Trancer U	43	Touchy Alarmist	TouchyAlarmist L	TouchyAlarmist U	71	Tritouch Layer	Tritouch LayerU	Tritouch LayerU
16	Whisper	Whisper L	Whisper U	44	Last Emperor	Last Emperor L	Last Emperor U	72	Aquaeggios	Aquaeggios L	Aquaeggios U
17	Dance Split	Dance Split L	Dance Split U	45	Euroeuro	Euroeuro L	Euroeuro U	73	OB Eight	OB Eight L	OB Eight U
18	Comb Strings	Comb Strings L	Comb Strings U	46	Babylon	Babylon L	Babylon U	74	Swynk	Swynk L	Swynk U
21	Descender	Descender L	Descender U	47	Str/Whistle	Str/Whistle L	Str/Whistle U	75	GR-300 Solo	GR-300 Solo L	GR-300 Solo U
22	Glass Columns	Glass Columns L	Glass Columns U	48	Back To The 60's	BackToThe60's L	BackToThe60's U	76	Ring Split	Ring Split L	Ring Split U
23	BPM Pulsating	BPM Pulse L	BPM Pulse U	51	Wicked	Wicked L	Wicked U	77	Observatory	Observatory L	Observatory U
24	1979!	1979 L	1979 U	52	Velo NRG	Velo NRG L	Velo NRG U	78	Tron Strings	Tron Strings L	Tron Strings U
25	Elliptical	Elliptical L	Elliptical U	53	Circuit Bent	Circuit Bent L	Circuit Bent U	81	Mirror Balls	Mirror Balls L	Mirror Balls U
26	MKS80 Bell/Space	MKS80Bell/SpaceL	MKS80Bell/SpaceU	54	Arpegg+Juno Pad	Arp+Juno Pad L	Arp+Juno Pad U	82	Entropy	Entropy L	Entropy U
27	Legato TB-303	Legato TB-303 L	Legato TB-303 U	55	Didgeribon	Didgeribon L	Didgeribon U	83	Template1	Tmp1:Trig Src.	Tmp1:Trig Src.
28	Massive Pad	Massive Pad L	Massive Pad U	56	Faze Strings	Faze Strings L	Faze Strings U	84	Template2	Tmp2:ChorusSync	Tmp2:ChorusSync
31	AKS Sweep	AKS Sweep L	AKS Sweep U	57	Dual SynthKlavs	DualSynthKlavs L	DualSynthKlavs U	85	Template3	INIT PATCH	INIT PATCH
32	Sweepers	Sweepers L	Sweepers U	58	Pulsing Sweep	Pulsing Sweep L	Pulsing Sweep U	86	Template4	Tmp4:Upper	Tmp4:Upper
33	Juliano	Juliano L	Juliano U	61	Mini 5th	Mini 5th L	Mini 5th U	87	Template5	Tmp5:Lower	Tmp5:Lower
34	Stargate	Stargate L	Stargate U	62	Tubular	Tubular L	Tubular U	88	Template6	Tmp6:Lower	Tmp6:Lower
35	Dual Mini's	Dual Mini's L	Dual Mini's U	63	Synthboy Split	Synthboy Split L	Synthboy Split U				
36	Spacescapes	Spacescapes L	Spacescapes U	64	Water Orchestra	WaterOrchestra L	WaterOrchestra U				

PATCH LIST (PRESET)

No.	Patch Name	No.	Patch Name	No.	Patch Name	No.	Patch Name	No.	Patch Name	No.	Patch Name	No.	Patch Name
A11	Spit'n Slide Bs	A31	Raging Bass	A51	Intervalc	A71	Wurly Piano 1	B11	Whammy Mammy	B31	MOD Strings	B51	Stargate
A12	Velo Decay Bass	A32	Blipper Bass	A52	Squared Away	A72	Wurly Piano 2	B12	Wicked Lead	B32	Jupitar Pad	B52	Lost in Time
A13	Wall Bob	A33	JP-303	A53	Velo Syncood	A73	Moody Organ	B13	Dreifuß Dc.	B33	Soft Strings	B53	Circular
A14	Juno Sub Bass	A34	Rave Tone	A54	Resonance Chord	A74	Org/Rotary-Ribon	B14	Waggle Mod	B34	Shan-gi-Ha	B54	Space Choir
A15	Subsonic Bass	A35	Fretless Bass	A55	Resonance	A75	VK09 PercEchoes	B15	Feedback Lead	B35	Fine Wine	B55	Bypass Sweep
A16	Big & Dark	A36	Digi Strat	A56	Waspy Synth	A76	Sine Lead	B16	Crunch	B36	Glue Pad	B56	BPF Tides
A17	Bass Flow	A37	Fire Wire	A57	Euro SAW	A77	Wichita Lead	B17	Chaos Lead	B37	True Pad	B57	Matrix Sweep
A18	Juno Bass Vel	A38	Proflite Clavt	A58	Dance Sweep	A78	Creamy	B18	Out of Control	B38	Foreboding	B58	MKS80 Bells
A21	Duba Bass	A41	Wilmod Comp	A61	Trance Food	A81	Smoothy	B21	String Machine	B41	Sivachia	B61	Trny bells
A22	Juice Bass	A42	Juno Clav	A62	One Shot Reso	A82	Soaring Mini	B22	Tron Vns	B42	BPM Pulse 1	B62	Chirney
A23	Dreams Are Made	A43	Gritty Power	A63	The Fat Guy	A83	Ribn F/B Lead	B23	Luxury Sympth	B43	BPM Pulse 2	B63	Juno Arp
A24	Reso Bass Line	A44	Separate ways	A64	Split Brass	A84	Sup-Jup Lead	B24	Debussy	B44	Hi-Pass Puls	B64	Sonar Ping
A25	Bass Pedals	A45	For RPS	A65	Poly Sync	A85	Modular Lead	B25	BPF Velo Strings	B45	Sample&Hold Me	B65	Air Harp
A26	Hard Core Bass	A46	Bread'n Butter	A66	Rave 5th	A86	Syncooslo	B26	Detuned Str.	B46	MKS80 Space	B66	Velo FX Percs
A27	MC-202 Bass	A47	Silk Sths	A67	UK Shorty	A87	Ripper	B27	Juno B81 Pad	B47	Arctic Sweep	B67	Quizzed
A28	Flubber SH-2	A48	Ancient Asia	A68	OKi Rhodes	A88	Phantom Lead	B28	Richland	B48	Replicant CS	B68	Intermittent



JP-8000 Specifications

<p>Synthesizer Section</p> <ul style="list-style-type: none"> • Max. polyphony: 8 voices • Number of Oscillator: 2 (OSC1, OSC2) • Oscillator Type: OSC1: SUPER SAW, TRIANGLE MODULATION, NOISE, FEEDBACK OSC, SQUARE (PWM), SAW, TRIANGLE; OSC2: SQUARE (PWM), SAW, TRIANGLE, LFO1, LFO2, RING, SYNC, X-MOD, TVF (1/2-24dB, HPF/BPF/LPF), ENVELOPE Pitch, Filter Amplitude) <p>• Others</p> <ul style="list-style-type: none"> • Parts: Keyboard Mode • Effects: 2 (Upper/Lower) <p>• Preset Memory</p> <ul style="list-style-type: none"> • Patches=128, Performances=64 (Each Performance include its own Lower & Upper Patch.) <p>• User Memory</p> <ul style="list-style-type: none"> • Patches=128, Performances=64 (Each Performance include its own Lower & Upper Patch.) <p>Arpeggiator/RPS Section</p> <ul style="list-style-type: none"> • Arpeggiator/RPS: ON, OFF • Modes: UP, DOWN, UP&DOWN, RANDOM, RPS 1/4, 1/8, 1/2, 1/16, 1/32, PORTA-A 1-11, PORTA-B 1-15, SEQ-A 1-7, SEQ-B 1-5, SEQ-C 1-2, SEQ-D 1-8, ECHO 1-3, MUTE 1-16, STRUMMING 1-8, REFRAIN 1-2, PERCUSSION 1-4, WALKING BASS, HARP, RANDOM 	<ul style="list-style-type: none"> • Range: 1-oct (Arpeggiator only) • Arpeggiator Hold: ON, OFF • Tempo: 20 to 250 • Patterns: 48 • Resolution: 24 ticks per quarter note • Loop length: 1-4 measures • Gate Time: Real, Staccato 33%, 50%, 66%, 100% • Input Quantize: OFF, TRIPLET 1/16, 1/16, TRIPLET 1/8, 1/8, TRIPLET 1/4, 1/4 • Recording Method: Realtime (Loop Rec) • Max. Simultaneous Input/Output Notes: 8 voices <p>TRACK CONTROL</p> <ul style="list-style-type: none"> • Tracks: 2 track x 2 set (SET A, B) • Loop Length: 1-8 measures • Recording Method: Realtime (Loop Rec) <p>• Keyboard</p> <ul style="list-style-type: none"> • 49 Keys (with velocity) • Rotaries=22, Sliders=16 (except Audio Volume & Tempo) • Ribbon controller (assignable), Velocity controller (assignable), Pitch Bend/Modulation lever • 16-character, 2-line backlit LCD • Outputs: (L/MONO, R), Headphone (stereo), Hold pedal, Control pedal, MIDI (IN, OUT) • AC: 117V/230V/240V • Power Consumption: 24W (AC117V/230V) 20W (AC240V) • Dimensions: 325(W) x 349(D) x 113(H) mm • Weight: 36-71.6 x 13-34 x 4-1/2 inches • Accessory: 8.0 Kg / 17.6 lb, 11 oz AC cord
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- OPTIONS**
- Expression Pedal **EV-5**
 - Foot Volume/Expression Pedal **FV-300L**
 - Pedal Switch **DP-2**
 - Footswitch **FS-5U**
 - Stereo Mixing Keyboard Amplifiers **KC-500/KC-300**

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