

Roland

ROLAND PIANO
—DIGITAL—

RP301 **R**

Super**NATURAL**
Piano

IVORY
FEELG

Jazz, Bossa nova ...
**The Beauty
of Piano,
the Power
of Rhythm**



Piano + Backing with Full Chord Recognition A New Era of Piano Enjoyment

The RP301, a compact digital piano with first-class quality, now has a brother model with rhythm accompaniment onboard. No special playing skill is required. Swing, country, bossa nova, jazz, and more ... the onboard library of diverse rhythm patterns accelerate the pleasure of piano playing.



RP301R-FW (Simulated Rosewood)



RP301R-SB (Satin Black)

RP301R

Discover a Fun New Way to Play

High-Quality Rhythm Library Onboard

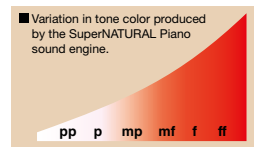
The RP301R lets you experience music with a backing ensemble. No sight-reading, knowledge of chords, or special techniques required ... this amazing piano can accompany your playing automatically and intelligently with chord backing and rhythms. A special collection of 60 onboard rhythms spans 11 genres, such as swing, blues, gospel, disco, etc. Each rhythm consists of an Intro, Ending, Fill-In, and Variation, and new rhythms can be added via USB Memory key.

Internal Rhythm list

- **8 Beat** (13 types including Slow Pop, SlowBeat, Romantic)
- **16 Beat** (8 types including Gt Beat, FastBeat, Med Beat)
- **Disco Dance** (Sl Disco, Disco)
- **Bossa/Samba** (7 types including Gt Bossa, Bossa, Jz Bossa)
- **Swing** (7 types including Swingin, Swing, SwingFst)
- **Blues/Gospel** (Blues, Blues 2, Gospel)
- **Latin** (6 types including Tango, Rhumba, Cha Cha)
- **Country** (5 types including Blue Pop, Country2, Country)
- **50/60** (Rock'N, Shuffle, Ragtime)
- **Waltz** (4 types including Sl Waltz, Waltz, PnoWaltz)
- **Classic** (Classic)

Expressive Grand-Piano Sound and Touch

Although its footprint is small, the RP301R is brimming with professional features. Its SuperNATURAL Piano sound engine accurately recreates the subtle differences of tone and resonance for each key, just like a concert grand piano. It also provides seamless tonal variation based on the strength of touch, as well as smooth, natural tonal decay. The Ivory Feel-G keyboard offers the natural texture and tactile sensation of real ivory, as well as moisture absorbency. Just as in an acoustic piano, the lower notes feel slightly heavier and the higher notes feel lighter. It even simulates the “escapement” click feel and response of a grand piano.



Digital Advantages

The new LCD-driven control panel makes the RP301R a joy to operate. The onboard metronome and recorder make piano lessons more efficient; the “Twin Piano” function lets you split the keyboard into two regions, each with its own middle “C” — a great application for side-by-side partner lessons or piano labs. There are many play-along pieces onboard, including famous Czerny and Hanon etudes. In addition, you can connect a portable audio player or USB memory key and play along with your favorite songs.

Environment-Conscious Product Design

The RP301R achieves lower power consumption (12 W, under average use *) than its predecessors. To further conserve energy, the power can be programmed to automatically switch off after a specified duration of non-activity.

*1 Average power consumption while piano is played with volume at center position.

Control Panel



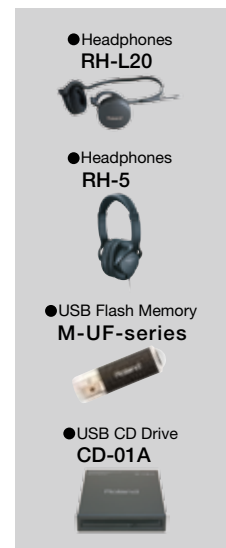
RP301R Specifications

Keyboard	88 keys (Ivory Feel-G keyboard with Escapement)	Note Storage	Approx. 30,000 notes	Speakers	12 cm x 2
Touch Sensitivity	5 levels, Fixed Touch	Controls	Song Select, Play/Stop, Rec, Previous/Rewinding, Next/Fast-forwarding, Track Mute, Tempo, All Song Play, Count-in	Volume Level (SPL)	103 dB * This value was measured according to the method that is based on Roland's technical standard.
Keyboard Modes	Whole, Twin Piano, Split (split point adjustable)	Tempo	Quarter note = 10 – 500 (When Rhythm function turns on: Quarter note = 20 – 250)	Display	Custom LCD
Sound Generator	(Conforms to GM2/GS/XG lite)	Resolution	120 ticks per quarter note	Control	Volume
Piano Sound	SuperNATURAL Piano Sound	Metronome	Beat: 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8	Pedals	Damper (capable of continuous detection), Soft (capable of continuous detection, function assignable), Sostenuto (function assignable)
Max. Polyphony	128 voices	Audio		Other Functions	Panel Lock, MIDI Visual Control
Tones	54 tones for manual performance (including 3 drum sets)	Playback	Audio file (WAV 44.1 kHz/16-bit linear format) Audio CDs (CD-DA) (when using optional CD drive)	Connectors	DC In jack, Pedal connector, Input jack: Stereo miniature phone type, Output jacks (L/Mono, R): 1/4-inch phone type, MIDI connectors (In, Out), Headphone jack x 2: Stereo 1/4-inch phone type, USB COMPUTER port, USB MEMORY port
Stretched Tuning	Always On	Tempo	Audio Playback Speed: 75% – 125%	Power Consumption	12 W (4 W – 24 W) *
Master Tuning	415.3 – 466.2 Hz (adjustable in increments of 0.1 Hz)	Internal memory		Dimensions (including dedicated stand)	1,378 (W) x 424 (D) x 992 (H) mm; 54-1/4 (W) x 16-3/4 (D) x 39-1/16 (H) inches (with music rest) 1,378 (W) x 424 (D) x 834 (H) mm; 54-1/4 (W) x 16-3/4 (D) x 32-7/8 (H) inches (without music rest)
Transpose	Key Transpose: -6 – +5 (in semitones) Playback Transpose for SMF or internal songs: -6 – +5 (in semitones)	Songs	Max. 10 songs	Weight (including dedicated stand)	39 kg; 86 lbs
Effects	Reverb (Off/1 – 10), Brilliance (-10 – +10), String Resonance (Always On, only for piano tones), Damper Resonance (Always On, only for piano tones), Key Off Resonance (Always On, only for piano tones)	Song Save Format	Standard MIDI Files (Format 0)	Accessories	Owner's Manual, AC Adaptor, Power Cord (for connecting AC Adaptor), Headphone Hook, Music Rest
Rhythm section		External storage	USB memory		
Rhythms	60	Playable Song formats	Standard MIDI files (Format 0/1) Audio file (WAV 44.1 kHz/16-bit linear format) Audio CDs (CD-DA) (when using optional CD drive)		
One Touch	1 suitable tone for each rhythm	Playable Rhythm Format	STL format (Roland recommends using Rhythms exclusively programmed for the RP301R. Other Rhythms may not work as expected.)		
Controls	Start/Stop, Variation, Intro/Ending	Other			
Recorder		Internal Songs	189 songs		
Tracks	3 tracks	Rated Power Output	12 W x 2		
Songs	Internal Memory: Max. 10 songs				

* 12 W: Average power consumption while piano is played with volume at center position, 4 W: Power consumption immediately after power-up; nothing being played, 24 W: Rated power consumption.



Options



Roland regards technologies that make effective use of limited energy resources as “Energy Saving Technology” and promotes development of environment-conscious electronic musical instruments that incorporate such technologies in any of the product categories.



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