Roland RP401R Specifications

Keyboard

- **Keyboard:** 88 keys (PHA-4 Standard Keyboard: with Escapement and Ivory Feel)
- **Touch Sensitivity:** Key Touch: 5 types, fixed touch
- **Keyboard Mode:**
  - Whole
  - Dual (volume balance adjustable)
  - Split (split point adjustable, volume balance adjustable)
  - Twin Piano
- **Pedals:**
  - Damper (Progressive Damper Action Pedal, capable of continuous detection)
  - Soft (capable of continuous detection)
  - Sostenuto (function assignable)

Sound Generator

- **Piano Sound:** SuperNATURAL Piano Sound
- **MIDI Format:** Conforms to GM2, GS, XGlite
- **Max. Polyphony:** 128 voices
- **Tones:** Grand Piano: 11 tones, Other: 305 tones (including 8 drum sets, 1 SFX set)
- **Stretched Tuning:** 2 types (Always On)
- **Master Tuning:** 415.3 - 466.2 Hz (adjustable in increments of 0.1 Hz)
- **Transpose:** Key Transpose: -6 - +5 (in semitones)
- **Effects:**
  - Ambience (Off, 10 levels)
  - Brilliance (21 levels)
  - **Only for Piano Tones:**
  - Damper Resonance (Always On)
  - String Resonance (Always On)
  - Key Off Resonance (Always On)

Metronome

- **Tempo:** Quarter note = 10 - 500 (When rhythm function turns on: Quarter note = 20 - 250)
- **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

SMF Recorder

- **Parts:** 1 part
- **Save Song:** Standard MIDI Files (Format 0)
- **Note Storage:** Approx. 30,000 notes
- **Control:**
  - Song Select
  - Play/Stop
  - Rec
  - Rewinding
  - Fast-forwarding
  - Top of song
  - Part Mute
  - Tempo
  - All Songs Play
  - Count-in
  - Song Balance
- **Tempo:** Quarter note = 10 - 500 (When rhythm function turns on: Quarter note = 20 - 250)
- **Resolution:** 120 ticks per quarter note

Rhythm

- **Rhythms:** 72 types x 2 variations
- **Controls**
    - Rhythm Select
    - Start/Stop
    - Sync Start
    - Intro/Ending
    - Fill In
    - Variation
    - Leading Bass
    - Auto Fill
    - Rhythm Part

Audio

- **Playback:** File Format: Audio File (WAV 44.1 kHz, 16-bit linear format)
- **Control:**
    - Song Select
    - Play/Stop
    - Rewinding
    - Fast-forwarding
    - Top of song
    - All Songs Play
    - Song Balance
    - Center Cancel

Internal Memory

- **Save Song:** Standard MIDI Files (Format 0)
- **Songs:** Max. 10 songs

External Memory

- **External Storage:** USB Flash Memory
- **Playable Software:**
    - Standard MIDI Files (Format 0, 1)
    - Roland Original Format (i-Format)
    - Audio File (WAV, 44.1 kHz, 16-bit linear format)
- **Save Song:** Standard MIDI Files (Format 0)

Other

- **Internal Songs:**
    - Piano Masterpieces: 69 songs
    - Czerny: 100 songs
    - Hanon: 20 songs
- **Display:** 7 segments x 3 LED
- **Keyboard Lid:** Slide type
- **Other Functions:**
    - Wireless Connect (when using optional Wireless USB Adapter)
    - Panel Lock
    - Auto Off
- **Connectors**
    - DC In jack
    - Input jack: Stereo miniature phone type
    - Output jack: Stereo miniature phone type
    - USB COMPUTER port: USB Type B
    - USB MEMORY port: USB Type A
    - Phones jacks x 2: Stereo miniature phone type, Stereo 1/4-inch phone type
- **Rated Power Output:** 12 W x 2

- **Volume Level (SPL):** 103 dB (This value was measured according to the method that is based on Roland's technical standard.)
- **Speakers:** 8 x 12 cm (3-3/16 x 4-3/4 inches) x 2
- **Headphones:** Effects: Headphones 3D Ambience
- **Controls:** Volume (with the speaker volume and the headphones volume automatically select function, with the volume limit function)
- **Power Consumption:**
  - 9 W (3 - 22 W)
  - 9 W: Average power consumption while piano is played with volume at center position
  - 3 W: Power consumption immediately after power-up; nothing being played
  - 22 W: Rated power consumption
- **Accessories**
  - Owner's manual
  - Assembly manual
  - AC Adaptor
  - Power Cord (for AC Adaptor)
  - Headphone hook
  - Music rest
  - Screw set

Dimensions

- **Width:** 1378 mm
- **Depth:** 423 mm
- **Height:** 992 mm
- **Weight:** 40 kg