

ROLAND HP506 SPECIFICATIONS

KEYBOARD

Keyboard

88 keys (PHA-4 Concert Keyboard: with Escapement and Ebony/Ivory Feel)

Touch Sensitivity

Key Touch: 5 types, fixed touch

Keyboard Mode

Whole
Dual (volume balance adjustable)
Split (split point 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: 14 Tones
Upright Piano: 5 Tones
E.Piano: 10 Tones
Other: 321 Tones (including 8 drum sets, 1 SFX set)

Temperament

8 types, selectable temperament key

Individual Note Voicing (adjustable in individual notes)

Stretched Tuning: -50.0 – +50.0 cent
Note Volume: -50 – 0
Note Character: -5 – +5

Master Tuning

415.3 – 466.2 Hz (adjustable in increments of 0.1 Hz)

Transpose

Key Transpose: -6 – +5 (in semitones)

Playback Transpose: -6 – +5 (in semitones, including audio files)

Effects

Ambience (Off, 10 levels)

Brilliance (21 levels)

Only for Piano Tones:

Damper Resonance (Off, 10 levels)

String Resonance (Off, 10 levels)

Key Off Resonance (Off, 10 levels)

Cabinet Resonance (Off, 10 levels)

Dynamic Harmonic (Off, 10 levels)

Soundboard Behavior (Off, 10 levels)

Only for Organ Tones:

Rotary Speaker Effect (Slow/Fast)

METRONOME

Tempo

Quarter note = 10 – 500

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

Volume

11 levels

SMF RECORDER

Parts

3 parts

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
Mute Volume
Tempo
Tempo Mute
All Songs Play
Count-in
Song Balance
AB Repeat

Tempo

Quarter note = 10 – 500

Resolution

120 ticks per quarter note

AUDIO

Playback

File Format: Audio File (WAV 44.1 kHz, 16-bit linear format)

Recording

Keyboard, SMF data, Audio from Input jack
File Format: Audio File (WAV 44.1 kHz, 16-bit linear format)

Transpose

Playback Transpose: -6 – +5 (in semitones, including audio from Input jack)

Playback Speed

75 – 125%

Control

Song Select
Play/Stop
Rec
Rewinding
Fast-forwarding
Top of song
Playback Speed
All Songs Play

Song Balance
AB Repeat
Center Cancel (with Audio from Input jack)

INTERNAL MEMORY

Save Song

Standard MIDI Files (Format 0)

Songs

Max. 99 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)
Audio File (WAV, 44.1 kHz, 16-bit linear format)

OTHER

Internal Songs

Piano Masterpieces: 77 songs
Selection: EU= 10 songs/ US= 18 songs/ Other= 10 songs
Hanon: 20 songs
Czerny #100: 100 songs

Display

16 segments x 4 and 8 characters LCD (with backlit)
Beat Indicator

Language

English, Japanese (only Display)

Music Rest

Tilt Adjustment: 3 levels

Keyboard Lid

Slide type (with Classic Position)

Other Functions

Wireless Connect (when using optional Wireless USB Adapter)
Panel Lock
Auto Off
V-LINK
MIDI Visual Control

Connectors

DC In jack
Input jack: Stereo miniature phone type
Output (L/Mono, R) jacks: 1/4-inch phone type
USB COMPUTER port: USB Type B
USB MEMORY port: USB Type A
Phones jacks (Stereo, with Twin Piano Individual Mode) x 2: Stereo miniature phone type, Stereo 1/4-inch phone type

Rated Power Output

30 W x 2
7 W x 2

Volume Level (SPL)

109 dB
* This value was measured according to the method that is based on Roland's technical standard.

Speakers

Cabinet Speakers: 12 cm (4-3/4 inches) x 2
Spatial/Near-field Speakers: 5 cm (2 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

11 W (10 – 36 W)
11 W: Average power consumption while piano is played with volume at center position
10 W: Power consumption immediately after power-up; nothing being played
36 W: Rated power consumption

Accessories

Owner's manual
Assembly manual (*1)
Roland 60 Classical Piano Masterpieces
AC Adaptor
Power Cord (for AC Adaptor)
Headphone hook
Screw set (*1)

*1 Supplied with the stand.

Options (sold separately)

Headphones
USB Flash Memory (*2)
Wireless USB Adapter (*2 WNA1100-RL or ONKYO UWF-1)
Audio Cable
USB Cable

*2 Use USB Flash Memory sold by Roland and Wireless USB Adapter specified above. We cannot guarantee operation if other products are used.

SIZE AND WEIGHT (INCLUDING PIANO STAND, WITH MUSIC REST)

Width

1387 mm
54-10/16 inches

Depth

430 mm
16-15/16 inches

Height

1070 mm
42-3/16 inches

Weight

55 kg
121 lbs. 5 oz.

SIZE AND WEIGHT (WHEN FOLDING DOWN THE MUSIC REST)

Width

1387 mm
54-10/16 inches

Depth

458 mm
18-1/16 inches

Height

899 mm
35-7/16 inches

* HP506-PE (Polished Ebony): 56.9 kg / 125 lbs 5 oz.