

Graded Hammer Effect Keyboard

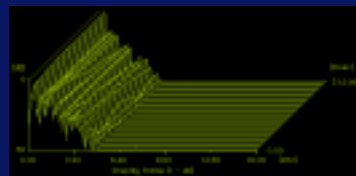
For even the most demanding piano players, the full-scale keyboard on the P-80 is love at first touch. That's because it uses Yamaha's exclusive Graded Hammer Effect keyboard to reproduce the delicate feel and response of a first-class grand piano. Just as on a traditional acoustic piano, the lower notes have a heavier touch, while higher notes are more responsive to lighter playing. What's more, the keyboard's touch sensitivity can be adjusted to match your own playing style.



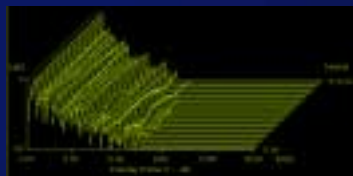
Dynamic Stereo Sampling

The P-80 boasts some of the most expressive and realistic piano voices ever heard on a digital keyboard. To achieve its remarkable piano sound, the P-80 uses Dynamic Stereo Sampling — three independent velocity layers (plus one damper pedal layer) of CD-quality stereo samples taken from the finest grands and uprights. Not only are changes in volume accurately reproduced, but subtle changes in timbre as well. Strike a key lightly and you get the sample of a piano played pianissimo; play harder and you get the sample of a piano played fortissimo.

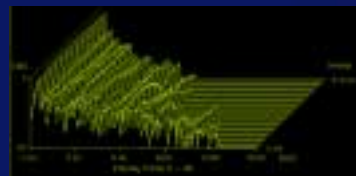
Graphic display of four samples used by Dynamic Stereo Sampling



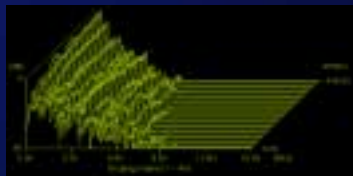
Sampled at mezzo forte



Sampled at forte



Sampled at fortissimo



Sampled with damper pedal

SIDE PANEL



SPECIFICATIONS

Keyboard	Graded Hammer Effect keyboard, 88 keys
Tone Generator	AWM
Maximum Polyphony	64 notes
Voices	Grand Piano Classical Piano Jazz Piano Rock Piano E. Piano 1 E. Piano 2 Harpsichord Strings Pipe Organ Church Organ Jazz Organ Bass Plus variation for each voice
Touch Sensitivity	Hard, Medium, Soft, Fixed
Reverb	4 types: Room, Hall 1, Hall 2, Stage
Brilliance	Mellow/Bright Slider
Effects	Chorus, Symphonic, Tremolo, Delay
Transpose	-12 ~ 0 ~ 12
Play Mode	Normal, Dual, Split
Metronome	Tempo: 32 – 280, Beat: 0, 2, 3, 4, 6
Recorder	2 tracks, 10,000 notes
Display	7-seg. (3-digit) LED
Connectors	HEADPHONES x 2, MIDI IN/OUT TO HOST, SUSTAIN, DC IN OUTPUT: PHONE (L/L+R, R), PIN (L, R)
Dimensions (W x D x H)	1,347 x 285 x 128 mm (53" x 11-1/4" x 5")
Weight	16.8 kg (37.0 lbs)
Demo songs	62 (12 + 50 piano songs)
Accessories	Music Stand, AC Adaptor (YAMAHA PA-3B) Sustain Pedal (YAMAHA FC4)

Specifications are subject to change without notice.

 **YAMAHA**

ELECTRONIC PIANO

P-80

For details please contact:

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YAMAHA

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Sometimes all it comes down to is, “How does it sound, how does it feel?”

Forget the bells and whistles, the blinking lights...for many of today's piano players, there are only two things that matter — an awesome piano sound and authentic piano action. The P-80 delivers both. Every one of its incredible piano voices uses *stereo* samples of some of the world's top acoustic pianos. And for even more authentic sound, many of those voices feature multiple layers of samples set at different velocities, which means that not only the volume, but also the harmonic structure changes depending on how the keyboard is played — just like on a real piano! Plus the P-80 features Yamaha's highly acclaimed Graded Hammer Effect keyboard to deliver a piano action that's nearly indistinguishable from the real thing. All this in an ultra slim and lightweight body that's easy to carry to the gig and fits perfectly in your home. For those demanding superb piano performance without the size and weight, the P-80 is a perfect fit.

The P-80 — Hear the Difference, Feel the Difference.

64-Note Polyphony

Ever had the experience of playing a long sustaining cadenza on an electronic keyboard only to have the notes start cutting off in the middle of the passage? That's because many conventional keyboards limit the number of notes that can be played simultaneously to 32 notes or less. With the P-80's 64 notes of polyphony, however, you can play intricate classical and jazz pieces without fear of voice dropout.

Easy Operation

A musical instrument should be fun to play, not complicated. Thanks to a simple panel layout and straightforward user interface, the P-80 is exceptionally easy to use. Every function has its own dedicated button conveniently located on the front panel. There are no menus to scroll through. No complicated setups. Just press a button and play.

Onboard Effects

Shape your sound exactly the way you want it. The P-80 features a variety of high-quality digital reverbs that simulate different playing environments, from small rooms to large concert halls. For further warmth and ambience, you can add a second digital effect, such as chorus, symphonic, tremolo or delay.

2-Track Sequencer

The P-80's onboard sequencer lets you record an entire performance and play it back at the touch of a button. After recording the first track, you can go back and record a solo or backup part on the second track using a different voice. The tempo can be changed during both recording and playback, allowing you to slow down the tempo while recording complicated arrangements and then increase the speed during playback.

Slim and Lightweight Design

The size and weight of the keyboard have been effectively reduced by eliminating unnecessary bulk. The result is a super-slim and compact digital piano that weighs a mere 37 pounds — a dream come true for gigging musicians or those with space constraints in their home.

Top Quality Popular Voices

On top of its outstanding piano voices, the P-80 features a great-sounding collection of the most commonly used keyboard voices, including electric pianos, strings, harpsichord, organs and more. All voices are digitally sampled with long sustain times to ensure the natural resonance of the original instrument is fully preserved.

Split and Layer Modes

Split mode lets you select different voices for the left-hand and right-hand parts, a bass and jazz piano for example. With Layer mode, you can create lush timbres by combining any two voices together, such as piano and strings. The volume, fine tuning, transposition, and even the MIDI channel can be set individually for each voice within a layer or split.

PC Interface

With the P-80's built-in To Host terminal, the wonderful world of computer music is just a single cable connection away — no MIDI interface card is needed. Once connected, you can take advantage of the wide variety of computer music programs available on the market, including piano training, music theory, and notation software. Both Macintosh® and Windows® platforms are supported.

