

# ***PF 2000***

## ***ELECTRONIC PIANO***



**YAMAHA**



# Imagine - A Piano with DX Power

## The Yamaha PF2000 - the Digital Piano Keyboard with a Thousand Voices

You want the touch, the feel, the sound of an acoustic piano - that sensitivity and subtlety of expression. You will also love to let your musical imagination soar, to play violins, trumpets, entire orchestras - all in the intimacy of your home. Yamaha puts this dream within your reach : Presenting the *PF2000*, an 88-key electronic piano whose FM tone generators are compatible with the fabled Yamaha DX7 synthesizers, giving you access to a virtually limitless selection of fantastic voices. Add to this a built-in 2-track recorder, versatile MIDI functions and a host of advanced control features ...

The *PF2000* - whether you are a professional musician, arranger, composer, or just someone whose musical aspirations reach far beyond the piano.

### Piano Power

A pianist expects two qualities of a piano: responsive and expressive touch, and a beautiful sound. The *PF2000* offers both. Its AE (Action Effect) keyboard mechanism, based on the principle of acoustic piano key action, is carefully weighted and gives you precise control over dynamics. Even pedal work is truly authentic due to four-stage sustain control. Yamaha's century of instrument making experience is evident in the sound quality as well. From the double FM tone generators to the superb two-way stereo speakers driven by a powerful 2x20 watt amplifier - everything has been perfectly matched and fine tuned to give you pleasing preset piano sounds as well as harpsichord, vibes, clavinet and marimba. Tone variations, both subtle and dramatic, are instantly possible via button, slider and foot controller. And for breath-taking effects, simply connect a multi effector such as the REX50 to the rear panel jacks and for instance enjoy the atmosphere of playing a grand piano in a concert hall. With a host of other features such as transpose and 12 preset micro tuning scales, the *PF2000* is pure piano power in an ultra-stylish package.

### DX Power

What sets the *PF2000* apart from any other electronic piano is its amazing wealth of realistic voices. It comes supplied with a ROM cartridge containing 64 performances (voice combinations) specially programmed for the *PF2000*. All you have to do is insert this ROM into the interface slot shown below, and select the desired voice or performance. A whole new world of sound no electronic piano has ever been able to offer is yours - everything from lush violins, a majestic church organ or dramatic brass fanfares to funky synthesizer sounds. Some performances split the keyboard, allowing you to play two totally different voices independently: a fat bass or rich strings with your left, a heavy metal guitar or a clarinet with your right. What's more, the *PF2000* can use DX7 II sound data, letting you take advantage of the thousands of performances and voices already available for this highly popular synthesizer. In fact, you even get twice the polyphonic music power of the DX7 II Series via two 16-note FM tone generators giving you a 32 note single voices, and three selectable key touch curves for response adjustment.

The feel of a piano with the amazing power and versatility of DX7 II synthesizers - what more could a pianist ask for?

### MIDI Power

MIDI compatibility further enhances the already awesome possibilities of the *PF2000*. You can play external MIDI sound sources from its keyboard, or from its recorder (on two different MIDI channels), with its own tone generators (local) on or off, changing external voice programs from the *PF2000* panel as desired. Or you can play the *PF2000* from another keyboard or sequencer, controlling the two voices of a performance via separate MIDI channels. Reception of continuous slider 1 and 2 messages, complete sync functions for the recorder, selectable merging of MIDI IN and *PF2000* keyboard data - the list goes on. The *PF2000* - fully equipped for the age of MIDI.

### Built-in Sequence Recorder

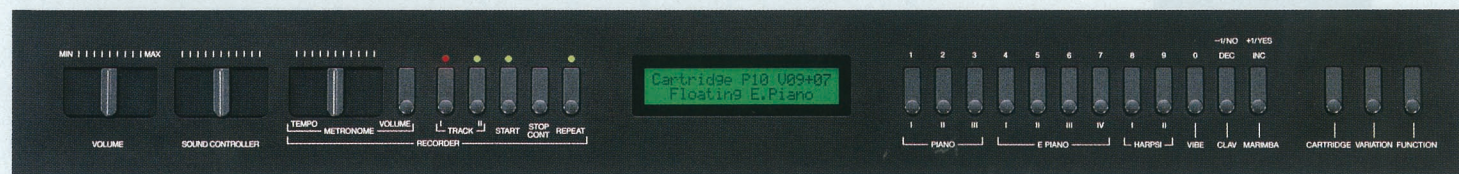
You may just want to keep track of your progress while practicing a new piece. Or you may want to use the *PF2000* for composition and arrangement. In any case, the practical built-in digital recorder, with its two independent, 16-voice polyphonic tracks and a capacity of about 2600 notes comes in very handy. Record each hand separately, or just one hand to play along with later. Change the tempo, alter the voices, or have the *PF2000* automatically repeat a recorded sequence while you play - applications for this useful feature are many, especially since data can be saved to RAM4 cartridges.

### Easy-to-Use Operation Panel

The clean, uncluttered looks of the *PF2000* front panel promise simple, easy-to-understand operation - and that is exactly what you get. Located on the left are the volume slider and a sound controller which regulates the preset tone color or functions as "control slider 2" for DX cartridge voices. The controls for the recorder are neatly arranged next to them: tempo slider and metronome volume

adjustment button, track selectors, and the buttons for start, stop/continue and repeat - with LEDs to show you the present settings. The illuminated 40-character liquid crystal display in the center always keeps you informed too, telling you the name and type of the currently selected voice, performance or function, the metronome tempo, remaining recorder memory space, etc., and helping you perform operations such as sequence data saving by guiding you

through the necessary steps. The row of 12 buttons to the right of the LCD is used for selection of preset and cartridge voices as well as functions (such as master tuning or keyboard transpose), depending on the mode currently set with the cartridge and function buttons on the extreme right. Finally, a variation button is provided to switch between "versions" of a preset voice, or between display of performance or voice names.



Cartridge Interface



## An Amazing Selection of Voices / Performances

The *PF2000* can use many of the large and steadily growing number of performances and voices available in cartridge form for the *DX7 II*, from Yamaha and other companies. It is also capable of using *TX802* data cartridges (voices only) and even the vast selection of cartridges for the *DX1/5/7*. (The *ADP-1* adaptor is necessary for insertion of cartridges of the latter type, which contain voice data only.)



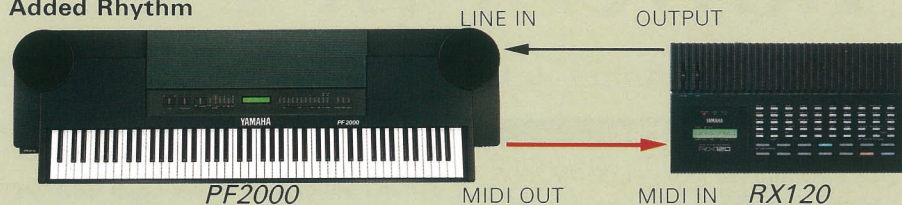
RAM4 Cartridge

## Options

Style and function are the key words for the specially designed *LG-PF2000* stand. It has two foot pedals built in – an on/off type for the selectable *FOOT SWITCH* functions, and a special four-stage sustain pedal. A matching *CH-PF2000* bench is also available.

## Setup Example

### Added Rhythm



This simple setup adds rhythm accompaniment, synchronized with the *PF2000* recorder.

### Exciting Expansion Possibilities

With its full range of MIDI functions, the *PF2000* effectively and flexibly interfaces with other MIDI equipment. For example, the addition of a *QX5* sequencer means you can record on 8 independent tracks and subsequently edit these to perfection. The *TX81Z* tone generator not only adds further exciting voices, but also the possibility of controlling up to 8 of them at the same time. An *RX120* rhythm programmer will accompany your playing with synchronized percussion, while the *REX50* multi effector lets you automatically select the ideal effect for your current *PF2000* performance. Even this relatively simple and inexpensive system thus gives you superb 10-track/10-voice composition and performance power, with added digital rhythm and effects.



LG-PF2000



CH-PF2000

## SPECIFICATIONS

### Tone Generator

16-note polyphonic 6 operator FM x 2

### Amp/Speakers

Pair of 4 cm + 16 cm speakers, 20 W x 2 power amp

### Sliders

VOLUME, SOUND CONTROLLER, TEMPO

### TRANSPOSITION RANGE

-12 ~ +12 semitones

### PITCH CONTROL RANGE

-64 ~ +63 Step (1 step = 1.17 Cent)

### Switches

VOLUME (metronome), TRACK I/II, START, STOP/CONTINUE, REPEAT, VOICE SELECT 1-0, DEC, INC, CARTRIDGE, VARIATION, FUNCTION

### Display

Illuminated 20-character 2-line Liquid Crystal Display

### Recorder

2-track (each track 16-note polyphonic), approx. 2600 notes, Timing resolution: 96 clocks/beat (internal clock), 24 clocks/beat (MIDI clock)

### Control Terminals

MIDI (IN, OUT, THRU), SUSTAIN, FOOT SWITCH, FOOT CONTROLLER 1,2.

### Audio Output

PHONES x 2, OUTPUT A, B (-10dBm), MONO OUT (-10dBm)

### Audio Input

LINE INPUT A/MONO, B (-10dBm)

### SUPPLIED ACCESSORIES

ROM CARTRIDGE (64 performances)

### OPTIONAL ACCESSORIES

LG-PF2000 Stand  
CH-PF2000 Bench  
FC-8 Foot Controller  
FC-7 Foot Controller  
FC-5 Foot Switch  
FC-4 Foot Switch

### Power Requirements

U.S. and Canadian models: 120 V 50/60 Hz  
General model: 110/120, 220/240V 50/60Hz

### Power Consumption

60 W

### Dimensions (W x D x H)

1,470 x 470 x 147 mm  
(57-7/8" x 18-1/2" x 5-3/4")

### Weight

39 kg (85 lb 13 oz)

*Specifications are subject to change without notice*

For details please contact:

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