

Pa80
professional arranger



KORG PA80 OPTIONS

FLASH-ROM (PCMCIA) CARD

If you want yet more choice, you can add an optional Flash-ROM (PCMCIA) card to your PA80 to access even more Programs and PCM samples. The cartridge will be directly connected to the Tone Generator so sample reading will be in real-time - no need to load the sample into RAM first.

VHG1 – VOCAL/GUITAR PROCESSOR BOARD

Hardware options include a vocal/guitar board that gives you two totally separate effect processors. In Guitar mode you have a complete set of multi-effects, e.g. modulation, noise reduction, distortion and compression, plus equalisation and you can use up to five effects simultaneously. The vocal processor includes a harmoniser that turns a single vocal into a four-part harmony, plus offers you effects and equalisation.

VIF1 – VIDEO INTERFACE BOARD

A video interface board (both NTSC and PAL compatible) is ideal for karaoke, putting the lyrics direct onto any TV screen.

All options (including the Hard Disk) are user-installable.

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PA80 – SPECIFICATIONS

Keyboard 61 notes with velocity and after touch.

System OPOS – Objective Portable Operating System: Multitasking System, load while playing feature. Upgradable Operating System. SSD Solid State Disk.

Tone generator HI synthesis (Hyper integrated synthesis system) – 62 voices, 62 oscillators – Filters with resonance.

Waveform Memory 32 Mbyte PCM ROM (Stereo Piano Sound).

Effects 4 stereo digital Multi-Effect systems (89 effects each).

Programs More than 660 programs (including Stereo Piano and GM level 2 programs). 32 drum kits. 128 user programs + 32 user drum kits – Digital Organ drawbars.

Styles Up to 304 Styles in Solid State Disk. All reconfigurable; 8 accompaniment tracks. 48 user styles. All Style Performances are programmable (included 4 Single Touch Settings for each style). Direct Floppy Disk/Direct Hard Disk feature. Compatible with old i series style format.

Styles Controls 4 Variations, 2 Fills, 2 Intros, 2 Endings, Counter In/Break, Synchro Start/Stop, Tap Tempo/Reset, Fade In/Out, Bass Inversion, Manual Bass, Tempo Lock, Memory, Accompaniment Volume, Accompaniment Mute, Drum Mapping, Snare & Kick Designation, Single Touch.

General Controls Master Volume, Ensemble, Octave Transpose, Master Transpose, Split Point, Style Change, Tracks Volume, Quarter of tone Pedal Function, Programmable Slider, Joystick, Dial.

Multi PAD 4 assignable pads + Stop button.

Performance 80 real-time Performances + up to 304 Styles Performances (that contains 4 Single Touch Settings each).

Song Play XDS* Crossfade Dual Sequencer player – 2 Sequencers with separate Start/Stop, Pause, '<< Rew' and '>> FF' controls. Balance control. Lyrics are displayed on-screen. Jukebox Function. SMF Direct Player (format 0 and 1).

Song/Backing Sequence Easy record – 16 tracks – SMF format.

Control Inputs Damper Pedal, Assignable pedal/switch, EC5 (programmable multiswitches).

Audio Outputs Left/mono, Right – Out 1 – Out 2.

Audio Inputs Left/mono, Right, with separate Gain controls (Mic, Guitar, Line).

MIDI In, Out, Thru, PC to Host.

Floppy Disk 3.5 inch 2DD/2HD (MS-DOS™ compatible).

Hard Disk Optional user-installable Hard Disk (ATA interface). Maximum formatted area: 2 Gbyte.

Display Backlit custom LCD.

Main Amplifier 2x22 Watt.

Speakers 4 speakers (in Bass Reflex Box- Auto Loudness control).

Power Consumption 35 Watt.

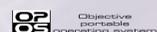
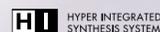
Dimensions W = 1110mm, D = 388mm, H = 164mm without music rest.

Weight 13.9 kg.

Accessories EC5 Multi-switches controller, EXP-2 Foot Controller, XVP-10 Exp/Volume Pedal, PS-1 Footswitch, DS-1H Damper Pedal.

Option Flash Card (PCMCIA) for new PCM data; VHG1 Vocal/Guitar processor board, VIF1 Video Interface board.

* Patent Pending.



it's time
to perform

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Proof that all good things come to those who wait.

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What we promised,
the PA80 delivers.

From its stunning sound
quality to its unique
technical pedigree, the
PA80 is a revolutionary
keyboard founded
securely on the very best
of Korg's heritage.

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That's why you'll find it comes with the latest solid-state disk and a totally new crossfading double sequencer (XDS*) together with an impressive array of Styles, created by the world's best musicians, and sound quality equal to that of our award-winning Triton.

* Patent Pending.



BEAUTIFULLY DESIGNED

With its clean lines and silver finish, the PA80 looks as good as it sounds. Ease-of-use has driven the styling with a logical control panel and linear structuring to give you fast access to the most commonly used functions at the touch of a button. Selecting a Style, Program, Performance or Single Touch Setting has never been easier.

PERFECTLY AMPLIFIED

We've pushed amplification to a new level with a fresh design that includes an Auto Loudness feature, a two 22 Watt digital amplifier and 4 speakers to give a smoothness and depth to the sound.

TONE GENERATION

The sound generation itself is based on our acclaimed Triton HI system, **HI** HYPER INTEGRATED SYNTHESIS SYSTEM making the PA80 the first entertainment keyboard to sound exactly like a professional synthesiser. All the classical sounds, and particularly the solo instruments such as saxophone, trumpet, flute, guitar and piano, have been improved. We've even added a Drawbars sounds set to give a true simulation of the classic organ sound.

You can edit all Programs as you play using the Easy Program Edit functions and use any of the four powerful Master Effect processors including reverbs, delays, equalizers, exciters, overdrives, sound decimators and ring-modulators. Plus you can send two audio sources, for example a microphone and a guitar, to the internal Effect Processors and give each their own set of effects.



STYLES

The PA80 boasts eight accompaniment tracks, two more than on our previous keyboards, and we've made it really easy to play Styles. Each Style can recall its own Performance, including the settings for the accompaniment tracks and four settings for the real-time tracks. The Style Sounds and Settings can be freely programmed and stored on the internal memory.

STATE-OF-THE-ART SEQUENCING

The PA80 is the first keyboard to offer two totally independent sequencers that can be run together and mixed via a crossfader. While the sequencers are running, you can try different Performances using the four real-time keyboard tracks; the PA80 has 40 tracks that can play at the same time. Each sequencer has its own separate control set and they can read two Songs at the same time directly from disk. An optional Video Out board allows the lyrics to be shown on an external monitor.

HIGH PERFORMANCE SOLID-STATE DISK

The solid-state disk, which can hold up to 20Mb of compressed data, is the latest in disk technology and gives a higher performance than Flash Rom. Plus, you can load Styles direct

from the floppy disk or Hard Disk at the touch of a button-no loading operation needed.

MULTI-TASK OPERATION

PA80's multitasking capability offers huge advantages compared to ordinary single operation systems. Load one Style while another is playing, or load a Program while listening to a Song. New features include disk management functions, a super-fast Program Easy Edit function, User Scales, Track Detune and more Pitchbend flexibility. Plus, you can upgrade the system direct from the internet as new features become available on the Korg website.



OUTPUTS

The PA80 features four separate audio outputs, the usual left and right stereo pair plus two additional sub-outs for use either as a second stereo pair or as mono. Assigning a track to a given output is simple too with Global mode, for example you can assign the Bass track for all Styles and Performance to OUT2.