

Korg Pa4X 61 Professional Arranger Keyboard Specifications

Keyboard

Pa4X 61: 61 keys (C2 – C7)
Semi-weighted keys with Velocity and Aftertouch

System

Upgradable Operating System
Multitasking, load while play feature

Sound Generator

EDS-X (Enhanced Definition Synthesis-eXpanded)
Filters with Resonance - Three band EQ for each track

Polyphony

128 Voices, 128 Oscillators

Effects

Accompaniment/Song: 4 Insert Effects; 3 Master Effects (148 Types)
Keyboard Tracks: 1 Insert Effect; 2 Master Effects (148 Types)
Final Mastering Effects: Waves Audio Ltd. MAXX Suite (Includes MaxxEQ™, MaxxBass™, MaxxTreble™, MaxxStereo™, MaxxVolume™)

Voice Processor Technology by TC Helicon®

Four-part Harmonizer, Double, μ Mod, Reverb, Delay, Filter, HardTune, Pitch Correction;
plus Compressor, EQ, Gate (Adaptive Mic Setting on the Mic input)

Sounds / Drumkits

Factory: More than 1,800 Factory Sounds including a new multilayer Stereo Piano with damper/body resonance, GM/XG sound sets and more than 90 Drumkits* including Ambient Drums
User Area: 512 Sounds, 128 Drumkits
Digital Drawbars: 9 Footages, Percussion, Key On/Off, Leakage (Effect section includes rotary speaker)
Defined Nuance Control (DNC) Technology
Natural Ambience Drums Sound
Full Sounds/Drumkits editing

Sampling

User PCM RAM Memory: 400 MB
Load KORG, Wav, AIFF and SoundFont™ formats
Save KORG, Wav and AIFF formats
Full Edit, Time Slice, Sampling feature

Styles

Factory: More than 500 Factory Styles, freely reconfigurable sets
User: 1,248 locations, including User, Favorite and Direct banks
Eight Accompaniment tracks, 4 Keyboard Sets, 4 Pads per Style; Style Settings (Sounds and Arranger parameters) on each Style
Guitar Mode 2, Parallel and Fixed NTT (Note Transposition Table)
Style Record with Step Record, Track and Event Edit
MIDI Song to Style Converter
Style controls: 3 Intros, 4 Variations, 4 Fills, Break, 3 Endings, Synchro Start, Synchro Stop, Tap Tempo/Reset, Bass Inversion, Auto Fill, Manual Bass, Memory, Accompaniment Mute, Drum Mapping, Snare & Kick Designation, Style to KBD Set Mode

Chord Sequencer

Chord Sequence recorder in Style Play mode

Chord Sequences can be saved to Style and SongBook Entries

Edit functions: delete, copy from Style/SongBook, import/export from/to SMF

Keyboard Set Library

Memorize keyboard Sounds settings

Factory: More than 340 Factory Keyboard Sets, freely reconfigurable

User: 1,056 locations, including User and Direct banks

“My Setting” special Keyboard Set

Song Play

Patented XDS Crossfade Dual Sequencer Player with X-Fader Balance control

Supported formats: MID, KAR, MP3 + lyrics, MP3+G

2 Players with separate Select, Start/Stop, Home, Rewind and Fast Forward controls

Lyrics, Score, and Chord data can be displayed on screen, or on external video monitor

Markers with Add, Delete, Edit and Loop functions

Jukebox function

MP3 Player / Recorder

Double MP3 Player and MP3 Recorder

Transpose (+6/-5 semitones)

Tempo change ($\pm 30\%$)

Vocal Remover

Records MP3 files including Styles, MIDI Songs, MP3 Songs, Keyboard Sounds,

Pads, Microphone and Effects

Sequencer

Quick Record (Backing Sequence), Multitrack and Step Record functions -

Full-featured sequencer, 16 tracks, Up to 200,000 events, SMF (MID) native format

SongBook

Fully programmable music database based on Styles, MIDI Songs (MID and KAR files), MP3 Songs with automatic selection of Style Play and Song Play modes

User definable Set Lists, with Entries selectable from the control panel

Filtering and sorting options

Compatibility

"i-Series" models: Styles

Pa-Series models: Styles, Performances, Programs/Sounds, Songs, SongBook Entries, Pads

Pads

Four Assignable Pads + Stop Buttons

Pad Record function

General Controls

Master Volume; Fade In/Out; Keyboard-Acc/Song Balance Volume; Ensemble; Octave Transpose; Master Transpose; Quarter Tone and Arabic Scale memorized inside Keyboard Sets; Joystick (pitch + modulation); Ribbon; Mic Volume; Harmony/Double; Delay/Reverb; Mic Preset; Mic On/Off; Harmony On/Off; Double On/Off; 8 Assignable Sliders; Slider Mode; MP3 Volume; 3 Assignable Switches; Tempo +/-; Tempo Lock; Metronome On/Off; Dial; Up/+; Down/-; Search; Shift; Chord Scan (Lower, Upper); Split; Keyboard Tracks Sound Select and On/Off; Record

Control Inputs

Damper pedal (support half-pedaling with optional DS-1H pedal)
Assignable pedal/switch
EC5 multiswitch pedal

Mic/Line Inputs

Mic: Combo XLR balanced with Gain control and Phantom Power
Line 1: Left/Right Jack (1/4") Line Input, balanced
Line 2: Stereo Mini-jack (1/8") Line Input, unbalanced

Outputs

Audio Output: Left/Right, Out 1, Out 2; (1/4" Jack) balanced
Headphone Output x 1 (1/4" Jack)
Video Out (RCA connector)

MIDI

IN, OUT, THRU standard MIDI connectors
USB to MIDI using the USB Device port
8 user definable MIDI Setups

Storage

Hard Drive:
- Pa4X 61: optional, user installable; HDIK-3 hard disk installation kit required

Micro SD card: (Card not included)
- Rear panel slot with plastic cover

USB Flash Drive: (Drive not included)
- 1 Front panel port
- 1 Rear panel port

Display

7" Wide capacitive color TouchView™ TFT display

Clock

Internal System Clock

AC

Power Consumption

100-240 Volts, 50/60 Hz
0.5 Watt in standby / 16 Watt normal / 38 Watt with PaAS installed

Dimensions (W x D x H)

Pa4X-61: 980 x 364.4 x 125.56 mm / 38.58" x 14.35" x 4.94"

Weight

Pa4X-61: 13.9 kg/30.64 lbs

Accessories

AC Power Cable, Music Stand, Accessory Disc containing the Video Manuals,
additional manuals and software utilities

Options

PaAS Amplification System
ST-SV1 Keyboard Stand
HDIK-3 Hard Disk Installation Kit (for 61 keys only)
EC-5 External Controller
EXP-2 Foot Controller
XVP-10 Expression/Volume Pedal
DS-1H Damper Pedal (support half-pedaling)
PS-1 Pedal Switch
PS-3 Pedal Switch

* Appearance and specifications are subject to change without notice.

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- See more at: http://www.korg.com/us/products/synthesizers/pa4x/page_3.php#sthash.G0erplsL.dpuf