Korg PA3X 61 Key Professional Arranger Workstation

Features/Specifications

- **Keyboard:** 76 semi-weighted keys with velocity and aftertouch
- **System:**
  - OPOS (Objective Portable Operating System)
  - RX (Real eXperience)
  - DNC (Defined Nuance Control)
  - Natural Ambience Drums Sound Technology
  - Multitasking, Load while play feature
  - Upgradable Operating System
  - Self-Refresh Battery for PCM data
- **Tone Generator:**
  - KORG EDS (Enhanced Definition Synthesis) sound generator
  - 120 Voices, 120 Oscillators
  - Filters with Resonance
  - Three band EQ for each track
- **Effects:**
  - Up to 8 Stereo Digital Multi-Effects block system
  - 140 Effects types plus VOCODER
  - Final Mastering Effects by WAVES
  - (MaxxEQ, MaxxBass, MaxxTreble, MaxxStereo, MaxxVolume)
- **New Voice Processor Technology by TC-Helicon with 7 Effects:** Four-part Harmonizer, Double, µMod, Reverb, Delay, Filter, HardTune   Pitch Correction plus Compressor, EQ, Gate (Adaptive Mic Setting on the Mic input)
- **Sounds / Drumkits :** More than 1100, including Stereo Piano and GM Level 1 & 2 compatible sounds; more than 90 Drum Kits
- **User Area:** 512 Sounds, 128 Drum Kits, Defined Nuance Control (DNC) Technology
- **Real Drum Ambience**
- **Digital Drawbars:** 9 Footages
- **Realtime controls:** Assignable Sliders, Full editing of Sounds and Drum Kits
- **Sampling:** Record, Edit, Time Slice, Compression Tool, Load/Import of Korg, Wav, AIFF and Akai files; Export of Wav and AIFF files
- **PCM RAM Memory:** 128 MB standard (equivalent to 256 MB linear data), expandable up to 256 MB (equivalent to 512MB linear data) with the optional EXB-M256 memory expansion board
- **Styles:**
  - More than 400 preloaded Styles, freely reconfigurable
  - 1200 available Style locations including the Favorite banks
  - Eight Style tracks, 4 Single Touch Settings, 4 Pads and one Style Performance per Style
  - Guitar Track 2 mode, Parallel and Fixed NTT
  - Compatible with old "i-Series" and Pa series Style format
  - Style Record with Step Record, Track and Event Edit functions
  - Style controls: 3 Intros, 4 Variations, 4 Fills, Break, 3 Endings, Synchro Start/Stop, Tap Tempo/Reset, Fade In/Out, Bass Inversion, Auto Fill, Manual Bass, Tempo Lock, Memory, Accompaniment/Real Time Track Balance Volume, Accompaniment Mute, Drum Mapping, Snare & Kick Designation, Single Touch
- **Chord Sequencer:** Realtime Style Chord Sequencer Recorder
- **Performance / STS:** 512 Realtime Performance locations
- **STS:** Memorize Realtime tracks and Voice Processor settings, up to 4 x 1200 Styles, up to 4 x SongBook entries
- **Realtime tracks:** Four Keyboard tracks (Upper 1, 2, 3, Lower) with dedicated on/off and sound select buttons
- **Song Play:**
  - Patented XDS Crossfade Dual Sequencer Player (Supported formats: MID, MID+G, KAR, MP3 + lyrics, MP3+G)
  - 2 Players with separate Select, Start/Stop, Home, Rewind and Fast Forward controls
  - X-Fader Balance control

- Lyrics, Score, and Chord data can be displayed on screen, or on external video monitor (with VIF4 option installed)
                - Markers
                - Jukebox function
- **Mp3 Player / Recorder:**
                - Double Mp3 Player and Mp3 Recorder
                - Two Mp3 files can be played simultaneously in Song Play Mode
                - Real Time Transpose (+6/-5 semitones)
                - Tempo change (±30)
                - Advanced Vocal Remover Record MP3 files including Styles, SMF, Real Time Tracks, Pads, Microphone and Effects
                - Audio Chord detection for Vocal Harmony
- **Sequencer**
                - Quick Record (Backing Sequence)
                - Multitrack and Step Record functions - Full-featured sequencer
                - 16 tracks; Up to 200,000 events
                - SMF native format
- **SongBook:**
                - Fully programmable music database, based on Styles, SMF, Karaoke, MP3 with automatic selection of Style Play and Song Play   modes
                - User-definable custom lists
                - Filtering and Ordering options
- **Compatibility:**
                - "i-Series" models: Styles
                - Pa series: Style, Performance, Program/Sound, Song, SongBook, Pad
- **Multi Pad:** 4 Assignable Pads + Stop Button - Pad Record function
- **Help System:** Hypertextual, Contextual, Multilingual
- **General Controls:**
                - Master Volume
                - Real Time-Acc/Seq Balance Volume
                - Ensemble, Octave Transpose
                - Master Transpose
                - Style Change
                - Quarter Tone and Arabic Scale memorized inside Performance/STS
- **Realtime controllers:**
                - Joystick (pitch + modulation)
                - Ribbon Control
                - 8 Assignable Sliders
                - MP3 Volume
                - Mic Volume
                - Mic Harmony/Double Vol.
                - Mic Reverb/Delay Vol.
                - 3 Assignable Switches
                - Tempo +/-, Dial, Up/+, Down/-
                - Search Function
- **Control Inputs:** Damper Pedal (support half-pedaling with optional DS-1H pedal), Assignable Pedal/Switch, EC-5 (Programmable Multi-Switches)
- **Analog Outputs:**
                - Unbalanced/Balanced Jack Left/Mono, Right/Mono, Out 1, Out 2
                - Headphones (in the front panel)
- **Digital Outputs:** S/P DIF (48 kHz ? coaxial), mirroring the Main Stereo Outputs
- **Line Inputs:** 2 Unbalanced/Balanced Jack Left/Mono, Right/Mono
- **Microphone Input:** Combo XLR balanced with Gain control (15 to 50 dB) and switchable Phantom Power
- **MIDI:**   - In, Out, Thru; standard Midi connectors
                - USB to Midi using the USB Device port
                - Individual track assignment
                - 8 user definable MIDI Setups
- **USB:** 2 USB Host Front/Rear (2.0 Hi Speed) and 1 USB Device Rear (1.1 Full Speed) connections

- **Hard Disk / Mass Storage:**
  - Standard 4 GB memory USB
  - Standard internal 2.5" SATA Hard Disk Drive
- **DVD-CD Player / Floppy Disk:** Optional using standard USB DVD/CD/FD Drives connected via USB Host ports
- **Display:** Motorized Tilt Display - Resolution: 320 x 240 pixels - TFT Color TouchView Graphic Touch Screen
- **Clock:** Internal System Clock
- **Consumption:** 30 Watt - 50 Watt when connected with Amplification Bar (PaAS)
- **Dimensions (W x D x H):** 1192 x 366 x 145 mm / 49.93 x 14.41 x 5.71 inch without music stand and with the display fully lowered (76)
- **Accessories:** Manual, AC Power Cable, Music Stand, CD-ROM