KORG POLY-61 PROGRAMMABLE POLYPHONIC SYNTHESIZER

1. OUTPUT
   Switches LED for connection to amp, mixer, delay unit, etc.

2. PHONES
   Headphone jacks.

3. ARPEGGIO TRIGGER IN
   Allows external sequencer, rhythm machine, or synthesizer to determine arpeggiator timing.

4. RELEASE
   Pedal switch input for extended release time. Similar to piano damper pedal function.

5. PROGRAM UP
   Allows use of footswitch to advance program number.

6. FROM TAPE, TO TAPE
   Input and output jacks for tape interface. Level switches allow matching to virtually any good-quality tape recorder.

7. TAPE AND WRITE ENABLE SWITCHES
   Tape interface and memory write functions are switchable to avoid accidental erasures. Memory is protected by automatically recharging backup battery.

SPECIFICATIONS
- KEYBOARD: 61 keys (C-1 to C-7)
- OSCILLATOR: 32-bit DDS Oscillator (X = 256 kHz)
- OCTAVE: 8
- VOLUME: 0-100
- TONE: 100kHz (0-100kHz, 0-1kHz, 0-10kHz, 0-100kHz, 0-1MHz)
- FILTER: SAW, SQUARE, SINE, BELL, TRIANGLE
- AMPLITUDE MODULATION
- NOTE: 1-128
- SCALE: 12-KEY (C-1 to C-7)
- PORTAMENTO: 0-127
- LFO: 0-127
- CHORD: 1-128
- CHORD MEMORY: 1-128
- MEMORY: 1-128
- POWER CONSUMPTION: 35W

OPTION
- HARD CASE

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65-6 Shintakanaka 1-Chome, Sagamihara-shi, Kanagawa-ken, Japan

Printed in Japan
The Korg Poly-61 is a 6-Voice Programmable Polyphonic Synthesizer offering 64 programs and 2 oscillators per voice at an Extraordinary Price Breakthrough. The Poly-61 also features Fast 8-second Tape Interface, Hold, Chord Memory and Arpeggiator modes, and a new advanced “Digital Access Control” System, for precise Pushbutton Programmability.

KORG POLY-61
PROGRAMMABLE POLYPHONIC SYNTHESIZER

Dual Digital Controlled Oscillators with Outstanding Pitch Stability Plus Programmable Interval and Detune Functions In place of VCOs, the Poly-61 features two advanced-design Digital Controlled Oscillators (DCOs) per voice, for excellent pitch stability. DCO-2 can be programmed for different pitch intervals above DCO-1, creating rich harmonic textures and special effects. Chord Memory and Arpeggiator for Extra Flexibility A popular feature of the Korg Polyvox and Monos/Poly, Chord Memory lets you play parallel harmonies using only one key, and thick Unison soloing and bass sounds. You can also select the “Hold” mode for continuous sound after you take your hands off the keyboard.

The full-function Arpeggiator memorizes and sequences both notes and chords, and can be synchronized with an external sequencer or rhythm machine. 64-Program Memory with Advanced Tape Interface The Poly-61 can store and instantly recall 64 different programmed sounds. Programmed sounds can be edited and rearranged in any order. The “Program Lip” function lets you use a foot switch to advance to the next sound without ever taking your hands off the keyboard. The 8-second Tape Interface allows many sets of programs to be rapidly Saved and Loaded from tape, creating an infinite “Sound Library.” The large alphanumeric display gives plenty of information about tape operations.

Digital Access Control System and Parameter Table The parameters of a synthesizer are the variables, such as waveform, cutoff frequency, etc., which are adjusted to create different programmed sounds. On a conventional synthesizer, you have to turn knobs to adjust parameters, and it’s hard to tell what the exact values are. But on the Poly-61, simple push-button depressions and a large, easy-to-read digital display allow you to select and precisely adjust each program parameter for the exact result desired. Try playing the Poly-61 today Korg’s digital technology and superb sound quality make this the polyphonic synthesizer of the future.