PRECAUTIONS AGAINST STATIC ELECTRICITY
Presence of static electricity may cause POLY-800 to work improperly. Connect the instrument to the amplifier and/or other devices before turning the Power Switch ON.
In case of malfunction, refer to page 38 to re-load the data.

VORSICHTSMASSNAHMEN GEGEN STATISCHE ELEKTRIZITÄT
Bei Nichtfunktionieren auf Seite 38 nachlesen und die Daten nochmals eingeben.

PRECAUTIONS CONTRE ELECTRICITE STATIQUE
Il y a des cas que le POLY-800 fonctionne mal à cause de la électricité statique. Pour éviter ce cas, ne mettre jamais l’interrupteur à la position “mise en fonction” avant que le POLY-800 ne soit bien connecté à un ampli ou autre.
Si une érree de fonction apparaît, recharger des donnée au POLY-800 en se référant à la page 38.

PREVENCIÓN DE ELECTRIFICACION ESTATICA
La electrificación estática trafa la malfunción del POLY-800. Debe conectarlo al amplificador u otros aparatos antes que se alimente.
En caso de la malfunción, debe cargar los datos de nuevo en referencia de página 38.
OPTIONS

ST-8 STAND

MIDI CONNECTION CORD

KEYBOARD STRAP

KH-1 STEREO HEADPHONES

LIGHT BAG

Specifications and features are subject to change without notice for further improvement.

NOTICE

Korg products are manufactured under strict specifications and voltages required by each country. These products are warranted by the Korg distributor only in each country. Any Korg product not sold with a warranty card or carrying a serial number does not receive the product sold from the manufacturer/distributor's warranty and liability. This requirement is for your own protection and safety.

Korg Poly-800

Programmable Polyphonic Synthesizer

Another KORG Breakthrough

in Polyphonic Synthesizers
“ONE OF THE MOST VERSATILE MUSICAL INSTRUMENTS I’VE PLAYED IN YEARS.”

Chuck Leavell
On Record and Tour with the Rolling Stones

The Greatest Artist Plays the Best.

KORG POLY-800
PROGRAMMABLE POLYPHONIC SYNTHESIZER
A Close Look at POLY-800 Features

1 VOLUME
   Also turns on power.

2 TUNE
   Slider provides easy tuning to other instruments.

3 JOYSTICK
   Left & right motion bends the pitch of any notes played. Up & down motion produces vibrato and filter modulation effects.

4 BEND
   Sets maximum pitch bend depth.

5 SEQUENCER

6 Parameter
   Digital Envelope
   Generators for
   Most Flexible
   Articulation
   Newly Developed
   AD/BSR System
   See graphs below.

1 ATTACK
   Rate at which the maximum
   peak is reached.

2 DECAY
   Rate used to travel from the attack
   peak to the Break Point level.

3 BREAK POINT

4 Built-in
   Polyphonic
   Sequencer for
   Automatic Play
   Writing Sequences
   Determine smallest time value.
   Example:
   (Here the smallest is a 16th note.)
   1) Set rear panel Sequencer WRITE
      switch to ENABLE position
   2) Press START/STOP

5 Create
   Original Sounds
   Quickly & Easily
   Type of record jack.
   1) Choose a program from the
      memory that is reasonably close to the
      sound you want.
   2) Press PROG/PARA to select the
      Parameter mode (numbers appear in
      Parameter no. and Value displays).
   3) Select a Parameter Number from
      the Parameter Table and enter it
      using the eight number buttons
      (for example, VCF Cutoff is 41).
   4) Press front panel LOAD button.
   5) Start tape playback.
   6) Display will show "Good" if data
      loading was successful.
   7) Stop tape and set rear panel TAPE
      and WRITE switches to DISABLE
      positions.
   8) If display shows "Err" (for error),
      press CANCEL, and try again with tape
      volume at a different level. Repeat
      steps 3 - 5.
### Key Assign Modes

- **A POLY**
  - Provides 8- and 4-voice polyphonic performance.

- **B CHORD MEMORY**
  - Lets you play parallel harmonies using only one key, and also provides monophonic bass and solo articulation.

- **C HOLD**
  - Provides sustained "Hands Off" sound.

### Programmer

- **D PROGRAM/Para**
  - Alternates between program select and parameter select modes.

- **E SAVE**
  - Stores "libraries" of sound programs and sequencer data onto cassette tape for later use.

- **F LOAD**
  - Recalls sound programs, sequencer data, or both from cassette tape into the Poly-800.

- **G VERIFY**
  - Checks tape data against internal memory to insure data is recorded correctly.

- **H CANCEL**
  - Cancels current tape operation.

- **I WRITE**
  - Press to memorize a program.

### Amplifier Sounds

- **M DCO 1 & 2**
  - Eight digitally controlled oscillators with individual Octave, Waveform, 16-2 Harmonics, and level parameters provide a wide range of timbral sounds. DCO2 INTERNAL and DETUNE parameters provide tracking harmonics and fat sounds.

- **N MODE**
  - Selects Whole (8 voice, one DCO per voice) or Double (4 voice, two DCO's per voice) playing modes.

- **Q NOISE**
  - White noise source with separate EG.

- **P VCF**
  - Equipped with new 24-decibel-per-octave filter circuitry for total tonal control. Multiple or single triggering, keyboard tracking, EG intensity & reverse polarity selection.

- **Q CHORUS**
  - Thick stereo chorus may be programmed into any sound.

- **R DEG 1, 2, 3**
  - Advanced 6 part digital envelope generators provide separate "layering" control of DCO's 1 & 2, VCF & Noise.

- **S MG**
  - Modulates the DCO's and/or VCF to create delayed vibrato, wah-wah, and other effects.

### MIDI

- **T MIDI**
  - Lets you select how the Poly-800 is controlled when it's connected via the built-in MIDI port to MIDI compatible keyboards, computers, or other equipment.

### Additional Features

- **3 Release**
  - Rate at which the sound fades away after the key is released.

- **4 SLOPE**
  - Rate used to travel from the Breakpoint to the Sustain Level. With Sustain higher than Breakpoint, Slope is a second attack; otherwise Slope is a second decay.

- **5 SUSTAIN**
  - Sound maintains at this level following Attack, Decay & Sustain for as long as key is depressed.

- **6 EDIT**
  - Value of the Duration parameter.

### Sound Data Tape

- **One-Touch Program Selection**

  1. Press PROG/PARA if needed. 30 Parameter Displays shows "P", "C" or "H".
  2. Enter the desired 2 digit Program Number on the 8 Number Buttons.
  3. Press BANK HOLD (LED dot turns on). Now, select any program in that bank by pressing a single Number Button.

### Amazing Sounds and Unbelievable Cost/Performance

**The KORG POLY-800 gives you 8 voices, 64 program memory, full edit functions, tape interface, polyphonic sequencer, dual digital oscillators, triple 6-parameter digital envelope generators, and more in a synthesizer light enough to wear on a shoulder strap.**

**Try it today—The KORG POLY-800.**
OPTIONS

ST-8 STAND

HARD CASE

KH-1 STEREO HEADPHONES

LIGHT BAG
World's First Affordable 8-Voice 64-Program Polyphonic Synthesizer

A Close Look at POLY-800 Features

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Also turns on power.

2 TUNE
Slider provides easy tuning to other instruments.

3 JOYSTICK
Left & right motion bends the pitch of any notes played. Up & down motion produces vibrato and filter modulation effects.

4 BEND
Sets maximum pitch bend depth.

5 SEQUENCER

6 PARAMETER TABLE
Displays all POLY-800 program parameters (Waveform, Cutoff frequency, etc.) which are used to create different types of sound.

7 VALUE
Shows value for selected parameter, can be changed by Up and Down buttons.

8 BANK HOLD
Allows quick single-button access to programs or parameters within the same bank.

9 DISPLAY
6 large LED digits provide complete data readout.

6 Parameter Digital Envelope Generators for Most Flexible Articulation

1 ATTACK
Rate at which the maximum peak is reached.

2 DECAY
Rate used to travel from the attack peak to the Break Point level.

3 BREAK POINT

Built-in Polyphonic Sequencer for Automatic Play

Newly Developed ADBSSR System

See graphs below.

1) Choose a program from the memory that is reasonably close to the sound you want.
2) Press PROG/para to select the Parameter mode (numbers appear in Parameter no. and Value display).
3) Select a Parameter Number from the Parameter Table and enter it using the eight number buttons (for example, VCF Cutoff is 41).

Create Original Sounds Quickly & Easily

1) Set rear panel Sequencer WRITE switch to ENABLE position.
2) Press START/STOP.

- Determine smallest time value. This will be the value of one STEP.
- Example:

Here the smallest is a 16th note.

- Type of record jack.
- 2) Set tape recorder volume to medium level.
- 3) Set rear panel TAPE and WRITE switches to ENABLE positions.
- 4) Press front panel LOAD button.
- 5) Start tape playback.
- 6) Display will show "Good" if data loading was successful.
- 7) Stop tape and set rear panel TAPE and WRITE switches to DISABLE positions.
- 8) If display shows "Err" (for error), press CANCEL and try again with tape volume at a different level. Repeat steps 3 - 5.