THE KORG PROFESSIONAL PERFORMANCE SERIES

T-SERIES

T1 T2EX T3EX

KORG
Turning ideas into music. Accomplishing that feat in the most direct path possible is the ideal.
And that ideal has fueled many of the advances in musical instrument technology.
We design musical instruments from the point of view that they enhance the artist’s conception, and not fight against it.
Korg translated this ambitious musical vision into reality when it developed the Music Workstation concept has grown and gained wide acceptance from the
The T-Series further closes this gap between the ideal concept and the actual instrument.
The comprehensive functions of the T-Series make it easy to translate imagination into
and sounds into music—without difficulty, and above all, without compromise.
The ultimate music creation tools—the T-Series Music Workstations.
Full Piano Keyboard with Top-of-the-line Features for Music Professionals.

This is a state-of-the-art professional music system in a single instrument. The keyboard stretches out over a full 88 notes and features true piano touch response providing maximum expressive control where it really counts at your fingertips. Naturally, the expressive power of the synthesizer itself can be tailored to respond to all techniques and playing strengths—from pianissimo to fortissimo. The T1 gives you complete dynamic control of external instruments and is ideal as a master keyboard. It also features built-in PCM RA, making it possible to load samples from other equipment or further synthesizer processing. The T1 is the top-of-the-line instrument in the powerful T-Series, perfect for all professional music and production applications.
76-key Keyboard for Extensive Performance Capability.

The T2EX combines the functions and quality of the original T-Series with enhanced capabilities. The extended 76-note keyboard and the sophisticated Combination function provide flexible split keyboard operation—making the T2EX as a master MIDI keyboard as well as a sophisticated synthesizer. The greater keyboard range gives you more room to play and doesn’t cramp your style. And many functions have been improved, computing data for computer music.

The T2EX also features built-in PCM RAM for loading sound data.
The T3EX is designed to bring the awesome sound and sophisticated functions of the T-Series to the stage. This standard-sized 61-key synthesizer is geared for portability in live performance situations, but its performance potential is anything but standard. It has, in a compact package, all the functional advantages of the T-Series instruments, including PCM RAM. This T3EX embodies KORG's concept of the Music Workstation—giving musicians the tools to take raw ideas and develop them to their fullest, from basic sound to finished composition.
The AI Synthesis System
More than anything else, musical instruments should have great sound. AI Synthesis was developed with this principle in mind. The sounds start with high-quality 16-bit samples, and extend through digital processing, filtering and effects. This sonic quality has already established a high reputation for the AI Synthesis system among professional musicians.

The AI Synthesis System incorporates in the T-Series instruments provides a large 4-megaword (8-megabyte) PCM ROM memory. A total of 275 original waveforms comprise the Multi-sounds, transient waveforms, DWSG waveforms and drum sounds, all of which have been optimally recorded. The T-Series are comprehensive Waveforms to create sounds that provide a wide range of expressive power — featuring everything from accurate reproduction of acoustic sounds to the dynamic textures of wild synthesizer sounds. Ideal for use in professional recording studios where sound quality is of paramount importance, they also serve as powerful stage keyboards for an awesome live sound.

- **Multiosound Chart**

- **Dram sound Chart**

- **T-series Effect Variations**

- **Full-function Master Keyboard**

One of the main advantages of AI Synthesis is its logical sound shaping process. The system can be extended to two worlds-full digital control and processing, with conventional analog synthesizers and sound editing. Intuitive editing control of the VDF and VDA functions are provided for making sounds eager, louder or fatter.

And all T-Series workstations are equipped with PC RAM. Since all are compatible with the MIDI sample dump standard, sampled sound data can be loaded from sound library disks and other instruments and used as basic data for creating original programs.

The Control Center of the Music Workstation — the Sequencer Section

The sequencer section — the nucleus of the T-Series music workstation functions — has a recording capacity of 50,000 notes. Eight separate tracks can be used with the multi-timbral capability, to play up to eight different sounds simultaneously through turn recording, punch-in, copying, individual track volume control, transpose, pan, repeat, etc.

Disk Storage of Program, Combination, Sequence and PCM Data — Built-in 3-inch 2HD Micro Floppy Disk Drive

The T1, T2EX and T3EX are all equipped with floppy disk drives for saving 200 Programs, 100 Combinations, and 50,000 notes can be saved to and loaded from floppy disk.

- **Saving and Loading Program/Data/Program/Combination/Sequence Data**

- **MIDI Data Filer**

- **Independent Dual System Stereo Multi-effect Processing**

The AI Synthesis system includes everything necessary for the shaping of sounds — right down to the effects. Only an integrated system makes possible full completion of sound creation. The members of the T-Series have dual-system stereo multi-effects that provide first-rate effects without diminishing the quality of the original sound source. Each digital multi-effect section has 33 effect programs, including stereo reverb, stereo delay, equalizer and many other special effects. And in just a few moments you can change the VDF and VDA settings, effect settings are integrated and stored into the sound program.

- **T-series Effect Variations**

- **Full-function Master Keyboard**

The T-Series instruments are equipped with one MIDI IN, one MIDI THRU, and two independent pairs of MIDI OUTs, allowing communication over 32 independent MIDI channels.

A maximum of 8 internal "timbres" and 8 externally connected MIDI devices can be set up simultaneously with individual program numbers, MIDI volume, key, etc., by simply executing the Combination change. Serving as a unified control center for a sophisticated MIDI system, the T-Series keyboards also provide independent velocity and after touch controls for each internal and external "timbre." Sequencer playback is capable of independently outputting MIDI play data over the A system and B system.

Since MIDI channels 1 through 16 can be used from each system, 8 channels can be selected from a total of 32, allowing flexible two-system control over external sound sources.

Continuously Expanding T-Series Sequences

The following series of floppy disks, with specially recorded PCM data and accompanying Programs, are being released.

- **TDS series**
- **Synthesizer**
- **Drums**
- **Combination 1-3**
- **Fretted Instruments**
- **Ethnic**
- **Sound Effects**
- **Environment**
- **Voice**
- **Others**

Compatibility with MI & MIREX Software

PC cards and Program cards are used with the popular Kong MI & MIREX Music Workstations can be used for the T-Series instruments as well. The rich sounds of the MI series as well as various sounds programmed by third-party software developers are also compatible with the T-Series.
T1, T2EX, T3EX Specifications
- System: AI-synthesis system (full digital processing)
- Tone generators: 16 voices, 16 oscillators (single mode), 8 voices 16 oscillators (double mode)
- Keyboard: T1: 88 keys, T2EX: 76 keys, T3EX: 61 keys, initial and aftertouch
- Wave memory: T1, T2EX, T3EX: PCM ROM 4M word (8M byte) + PCM RAM 512K word (1M byte)
- Tone generator quantization: 16bit
- Effects: Two digital multi-effect units
- Number of programs: 200 Programs
- Number of Combinations: 100 Combinations
- Sequencer section: 20 songs, 200 patterns, maximum 50,000 notes, 8 tracks (8 multi-timbre/dynamic voice allocation)
- Control inputs: Damper pedal, assignable footswitch (pedal) 1/2
- Outputs: L, R, A, B, 1, 2
- Headphone: Floppy disk drive: 3.5 inch, 2HD PCM data, Program/Combina
tion/Sequence data: Card slots: PCM data, Program/Combination/Sequence data
- MIDI IN, OUT A (2), OUT B (2), THRU
- Display: 64 x 256 full dot matrix backlit LCD
- Power consumption: 15W
- Dimensions: T1: 1475(W) x 507(D) x 353(H)mm, T2EX: 1298(W) x 353(D) x 353(H)mm, T3EX: 1095(W) x 353(D) x 111.5(H)mm
- Weight: T1: 35Kg, T2EX: 15.5Kg, T3EX: 13.6Kg

T1, T2EX, T3EX Options
- RAM CARD MCR-03
- PEDAL SWITCH PS-1/PS-2
- DAMPER PEDAL DS-1
- FOOT CONTROLLER EXP-2/KVP-002
- CONTROL WHEEL WK-T1 (For T1)

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