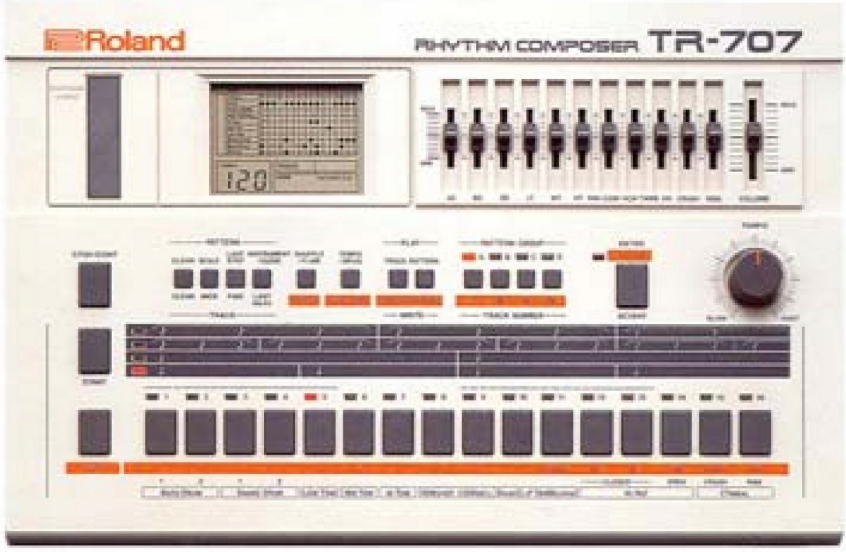
TR-707 rhythm composer



SOUND SOURCES

The TR-707 offers twelve different drum sounds—two Bass Drums; two Snare Drums; Rim Shot; Low, Mid, and High Toms; Open and Closed Hi-Hats; and Ride and Crash Cymbals. In addition, it also offers three different percussion sounds to form a complete rhythm section—Cowbell, Hand Clap, and Tambourine. These fifteen sounds have been digitally recorded by means of Pulse Code Modulation (PCM). All sounds have a high signal-to-noise ratio, a broad dynamic range and are extremely clear and realistic. Individual level sliders are provided for each sound. The volume balance between each sound can be easily adjusted and confirmed at a glance.
Two accent levels can be programmed. The accent level can be varied even during performance using the Accent slider. An output jack is provided for each sound so that you can tailor each sound as desired using sound processing units.

MEMORIES

The TR-707 can store 64 rhythm patterns (16 patterns in 4 groups) and rhythm chains of up to 999 measures (in 4 tracks). It also has a tape interface for data storage on a cassette tape. An optional M-64C memory cartridge is also available. The cartridge has two banks. Each bank can store up to 64 rhythm patterns and rhythm chains of up to 999 measures. Thus, the M-64C provides memory as large as two TR-707's. The memories in the TR-707 and M-64C two banks can be freely selected. The TR-707 offers plenty of rhythm variations for both recording and performing.

DISPLAY

The TR-707 has a large, easy-to-see liquid crystal display. The display shows you the rhythm pattern, programming mode, track number, measure number, tempo, and MIDI channel. The display allows even beginners to easily program rhythm patterns that would be difficult to program on other drum machines. Any intricate rhythm pattern can be quickly and accurately programmed.

PROGRAMMING

The TR-707 features two programming modes—real-time and single step. In the real-time mode, you can program rhythm patterns by tapping the sound buttons the same way you play a drum. In the single-step mode, you can program one sound at a time step-by-step. Unlike those of other drum machines, these two programming modes can be changed even while programming. This allows quick, accurate programming. For example, when you wish to program a rhythm pattern with complex hi-hat and snare patterns and with simple bass drum pattern. Program the hi-hat and snare patterns in the single-step mode, and program the bass drum pattern in the real-time mode. In the real-time mode, a metronome can be activated at the touch of a button. "Shuffle" and "Flam" can also be programmed.

MIDI

The TR-707 is MIDI-compatible. Connecting a velocity-sensitive MIDI keyboard to the TR-707, all TR-707 sounds can be dynamically controlled from the keyboard with 128 levels of loudness. Each sound can be assigned to a desired key. Dynamic, expressive drum playing can be performed directly from a keyboard. And by connecting a MIDI sound-producing unit to the TR-707, other sounds can be added.

OTHERS

The TR-707 has a Sync-24 jack to sync with another Sync-24 device. It also outputs a Rim Shot trigger signals that control an external device. The Tape Sync function allows the TR-707 to be synced with a multi-track recorder. The TR-707 can be started and stopped by pressing the DP-2 foot switch. A headphone jack is also provided for easy monitoring.

SPECIFICATIONS

• Sound sources: Digitally recorded (PCM) sound sources: Bass Drum 1, Bass Drum 2, Snare Drum 1, Snare Drum 2, Low Tom, Mid Tom, High Tom, Closed Hi-Hat, Open Hi-Hat, Ride Cymbal, Crash Cymbal, Hand Clap, Tambourine, Rim Shot, Cowbell • Programming modes: Single-Step, Real-Time • Memories: 64 rhythm patterns, Up to 999 measures of rhythm chain (in all 4 tracks) • Programmable functions: Shuffle, Flam, Accent • Master outputs: Right/Mono, Left • Multi-outputs: Bass Drum, Snare Drum, Low Tom, Mid Tom, High Tom, Hi-Hat, Ride Cymbal, Crash Cymbal, Hand Clap/Tambourine, Rim Shot/Cowbell • MIDI jacks: In, Out • Sync-24 jack: In/Out • Tape interface jacks: Save/Sync Out, Load/Sync In • Others: Remote jack (Start/Stop), Trigger Out jack (Rim Shot), RAM Cartridge slot (for M-64C), Headphone jack • Controls: Tempo, Accent, Volume, Sound-Source Level × 10 • Liquid Crystal Display: 1 • Dimensions: 380(W) × 75(H) × 250(D)mm (15.0" × 3.0" × 9.8") • Weight: 1.5 kg (3.3 lb.) • Accessories: AC adapter, Connection cord