MSQ-100 MIDI digital keyboard recorder

The MSQ-100 has a memory capacity of up to 6,100 notes and can also memorize other information required for musical performance, such as key velocity, key pressure, or bender operation.

The MSQ-100 features two loading methods—real-time loading (4/4 or 3/4) and step loading (𝅗𝅥 , 𝅗𝅥. , ♩ , ♩. , 𝅘𝅥𝅮 , or 𝅘𝅥𝅯). Both methods can be combined according to your needs.

In the real-time mode, overdubbing is possible. You can write new data over the previously loaded data as many times as you like. It is also possible to overdub only one measure.

The MIDI channel shift function allows you to change MIDI channel to another MIDI channel as the MIDI data is loaded. For example, using an instrument whose MIDI channel is assigned to channel 1, you can load performance data to control an instrument whose MIDI channel is assigned to another channel.

Several edit functions allow you to easily change the loaded data as desired.

- **Forward/back measure:** shifts the data one measure forward or backward.
- **Copy:** the data in one measure is copied.
- **Erase:** all the data stored during and after the assigned measure is erased.

Insert: data the length of one measure is inserted between the previously loaded data.

- **Delete:** erases the data for one measure.
- **MIDI channel erase:** when data is loaded by means of overdubbing, the data stored during and after the assigned measure of one MIDI channel can be erased or modified.
- **Tempo check:** only the metronome operates. The MSQ-100 offers no memorized data. This function allows you to adjust the tempo of the MSQ-100 using only the metronome sound. This is especially convenient for live performances.

A liquid crystal display indicates remaining memory capacity, MIDI channel, edit mode, etc.

In addition to the MIDI jacks, the MSQ-100 has Sync-24 In and Out jacks to synchronize with any device that has a Sync-24 jack, such as the Roland TR-606 Drumatix, the TB-303 Bass line, or the MC-202 MicroComposer.

A tape interface allows data to be stored on a cassette tape.

The MSQ-100 can be started and stopped using the optional DP-2 pedal switch.

The function switch located on the rear panel determines whether performance data (key velocity information, bender/control change information, or after touch information) is received or not to accommodate the sound producing capability of the connected instrument. For example, when an instrument that can't respond to the key velocity information is connected with the MSQ-100, turn the Key Velocity switch off. This operation also saves memory space, since the key velocity data isn't memorized by the MSQ-100 in this case.

Thanks to its light weight and compact body, the MSQ-100 is easy to carry and can be placed virtually anywhere.

SPECIFICATIONS

• Memory capacity: Approx. 6,100 single notes without key velocity • Mode switches: Play Only, Load/Play, Data Transfer • Clock switch: INT/MIDI/SYNC • Tempo control: ♩ = 35 to 240 • Metronome level switch: High/Low/Off • Controls: Load button, Reset/Verify button, Stop/Shift button, Play/Save button, Repeat Play/MIDI/Tape button, Back Measure/Back Step/←/Copy button, Forward Measure/Forward Step/→/Erase button, Tie/Load Mode/Insert button, Rest/Display/Delete button, Measure End/MIDI Channel Shift/Tempo Check button • Load modes: Real-time (4/4, 3/4, Overdub), Step (𝅗𝅥 , 𝅗𝅥. , ♩ , ♩. , 𝅘𝅥𝅮 , 𝅘𝅥𝅯). • Liquid crystal display: 1 • Function switches: Metronome Beat (𝅗𝅥 / ♩), Key Velocity (on/off), Bender/Control Change (on/off), After Touch (on/off), MIDI Out (Mix Out/INT Only), MIDI Out/Thru (Out/Thru), Tape Save Level (L/H), Tape Load Mode (I/II) • Jacks: Tape Load, Tape Save, MIDI In, MIDI Out, MIDI Out/Thru, Sync-24 In, Sync-24 Out, Start/Stop (DP-2), DC In • Dimensions: 226(W) × 57(H) × 223(D) mm (9.0" × 2.2" × 8.8") • Weight: 1.8 kg (4.0 lb.) • Accessories: AC adapter (PSA-100), MIDI/Sync cable (1.5m) × 2