LinnDrum™

VERSION 3 SOFTWARE UPDATE

The following describes additional operating capability undocumented in copies of the owner's manual prior to 2/1/84.

1) SINGLE STEP PROGRAMMING:
In addition to the real time procedure for programming patterns, drums may also be recorded or played back one step at a time (exclusive of the tempo clock). The number of steps per quarter note is set via the error correct system. See the manual for details on how to determine and change error correct settings. The desired setting must be made before entering step mode, and cannot be changed while in this mode.

ERROR CORRECT SETTING	STEPS PER 1/4 NOTE	NUMBER OF STEPS IN A 4/4 MEASURE
1/8	2	8
1/8T	3	12
1/16	4	16
1/16T	6	24
1/32	8	32
1/32T	12	48
HI	48	192

To enter step mode, hold RECORD, and press EXT SYNC. The first step is accessed at that instant. Step through the pattern by striking the EXT SYNC key, or the key of any drum sound you wish to record precisely at that point. Every time a key is pressed, it increments by one step. Only one drum sound may be recorded at a time as you step through a pattern. Rests are simply programmed by pressing EXT SYNC as necessary.

The step number you are currently at is displayed in the STEP#/%MEM window. With the HI setting, as well as for long patterns, the total number of steps will likely be greater than 99. In this case, the leading digit is not displayed.

To erase a drum sound at a particular step, hold down ERASE and press the appropriate drum key. This will sound the drum being erased, along with a confirming beep, and the step will increment. To replace one drum sound with another, first erase the existing sound, then step back through to the same step number, and strike the key of the replacement drum sound. To leave step mode at any time, press PLAY/STOP.

2) ADDITIONAL SONG STEPS:
In the SONG mode, the total number of available pattern steps has been increased from 99 to 250. Since the STEP#/%MEM window only displays two digits, the leading 1 or 2 is assumed when the steps exceed 99.

3) ADDITIONAL TRIGGER OUTPUT RATES:
The trigger out jack is now switchable between 24-48-96 pulses per quarter note. This offers flexibility in directly interfacing with devices that require different rates (Oberheim's DSX, for example, takes 96 pulses per quarter note). The pulse rate is selected by holding BPM/TRIGGER and