

VecDrum

A drum machine application for the MB/GCE Vectrex.

Free version specifications :

- 9 Drum sounds
- 3 Drum channels (A,B and C)
- 8 Patterns
- 64 Bar maximum song length

Using VecDrum

After the title screen, you will be brought into the **Song** screen.



The numbers pictured on the left represent different 1 bar patterns.

The highlighted number shows the bar currently playing.

The number in the top right indicates the page number.

The icon in the top center indicates if the sequencer is currently playing or stopped.

The square box is the cursor.

The cursor can be controlled with the directions on the Vectrex joystick.

Button 3 decrements the pattern number on the selected bar, **button 4** increments the pattern number.

8 patterns are available in the free version of VecDrum.

Button 1 starts or stops the sequencer. In song mode only, holding **button 2** then pressing **button 1** continues from the currently selected bar.

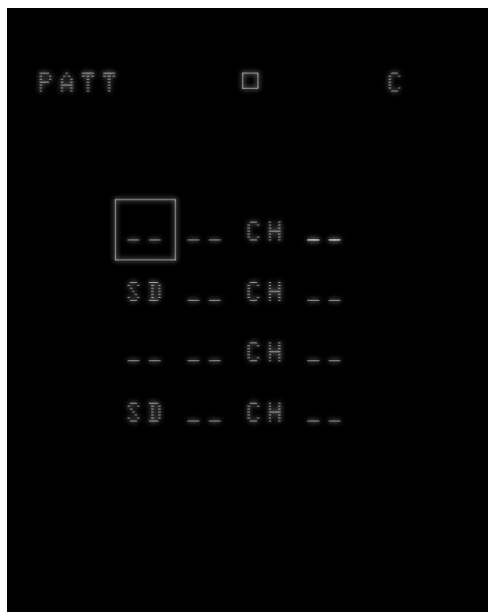
Holding **button 2** and pressing **up** or **down** on the joystick allows selection of the 4 pages of patterns (a total of 64 bars) on the song screen.

Holding **button 2** and pressing **left** or **right** on any screen allows navigation to each of the 3 screens in VecDrum. Navigating to the settings screen will stop the sequencer if it is running.

The screens are arranged as follows :

Settings -> Song -> Pattern

With a pattern selected, moving to the **Pattern** screen will allow editing of the currently selected pattern.



The Vectrex has 3 sound channels, allowing 3 sounds to play simultaneously. VecDrum spreads 9 drum sounds across the 3 channels. The currently selected channel (A,B or C) is shown in the top-right corner of the screen.

Holding **button 2** and pressing **up** or **down** changes the selected channel.

Button 1 plays the current pattern, without advancing the sequencer so you can audition individual patterns and listen while you edit. While playing in pattern mode, the sequencer will be stopped when moving back to the song screen.

Buttons 3 and **4** cycle between a rest (_ _) and the 3 drums assigned to each channel.

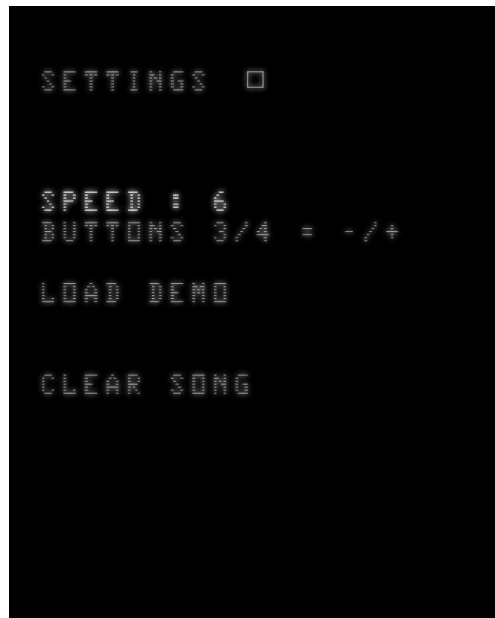
Drum/Channel Assignment

Channel A – BL (Long bass drum), BS (Short bass drum), ZP (Zap)

Channel B – HT (High tom), MT (Mid tom), LT (Low Tom)

Channel C – SD (Snare drum), CH (Closed hi-hat), OH (Open hi-hat)

Settings Menu



Up/Down on the joystick selects one of the 3 settings menu options.

When **Speed** is selected, **buttons 3** and **4** decrement/increment sequencer speed.

When Load Demo or Clear Song is selected, **button 4** confirms.

Button 1 starts the sequencer and switches to the song screen.

Have fun!