

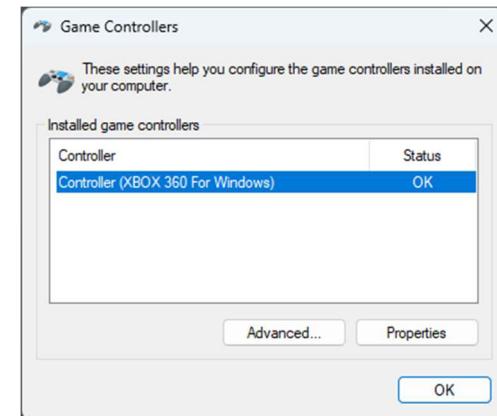
Vectrex Controller to USB Interface

This interface allows use of the Vectrex Lunar Lander controller on a Windows PC via USB.

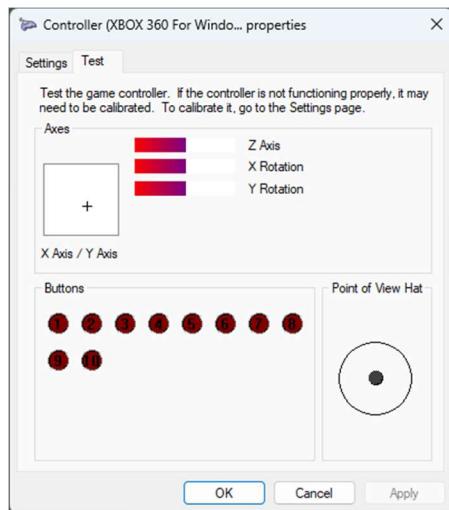
It is intended for use with Lunar Lander running on Mame, but may also work with other Vectrex controllers and PC software. At the time of writing this has not been tested.

The controller is designed to be simple to operate. You connect it via the included USB cable to your PC and plug your Lunar Lander controller into the DB9 port.

In its supplied configuration the controller will be presented to the PC as an Xbox 360 For Windows controller.



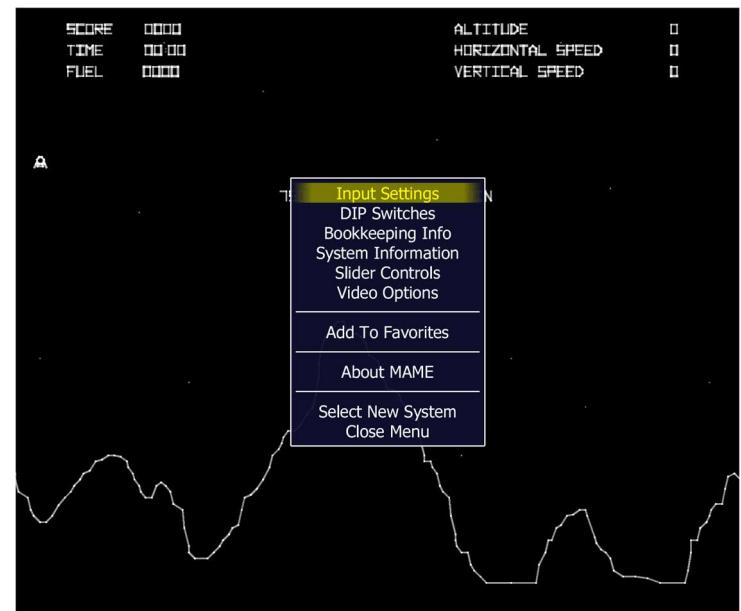
Using the windows “Set Up USB Game Controllers” control panel you can check that the controller is working as expected and perform calibration if necessary.



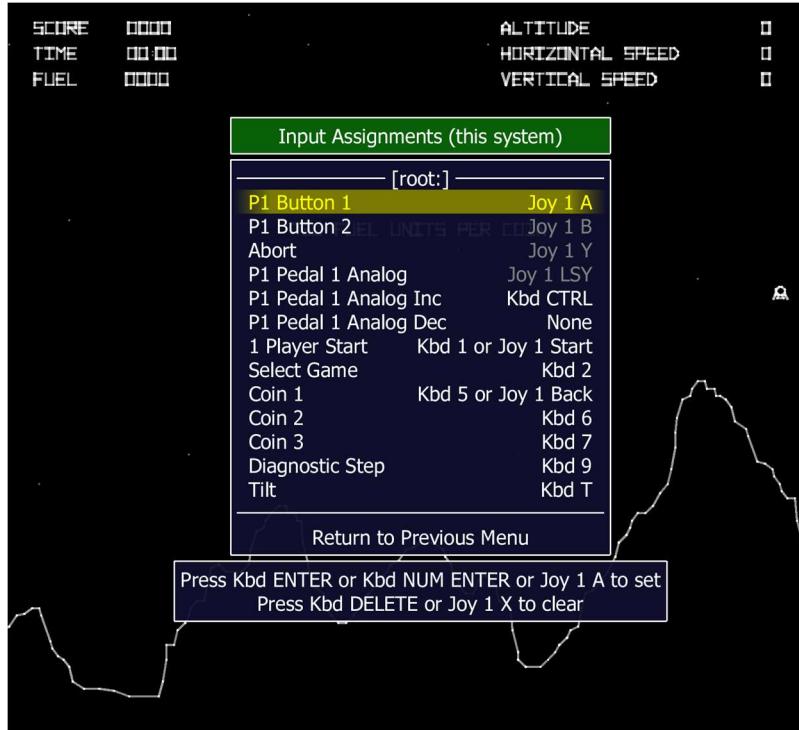
To use the controller on Lunar Lander in Mame you will need to configure the game's controls. This can be done via the mame interface after launching the game.

When using the Lunar Lander controller in Mame on a PC you will need to set the RCS/SCE switch to NORM and the YAW switch to DIGITAL.

Pressing the tab key brings up the in-game interface:



Select Input Settings then Input Assignments (this system). You can then set each of the controls. You want to end up with something like this:



If you need help with this, just drop me an email.

Web Configurator

The two buttons (labelled I and II) on the side of the interface are reserved for future use. The interface uses an open source software called GP2040-CE (<https://gp2040-ce.info/>) if you want to dive into the technical capabilities. The buttons are mapped to S1 and S2.

The interface has a web configurator that can be enabled via one of:

- Holding button II when plugging into your PC
- Holding button II and Vectrex controller buttons 3 + 4 for 5 seconds

Once in this mode, you can access the web configurator via <http://192.168.7.1>

Important note: Use of the web configurator is at your own risk although I will provide limited support if you manage to screw it up 😊