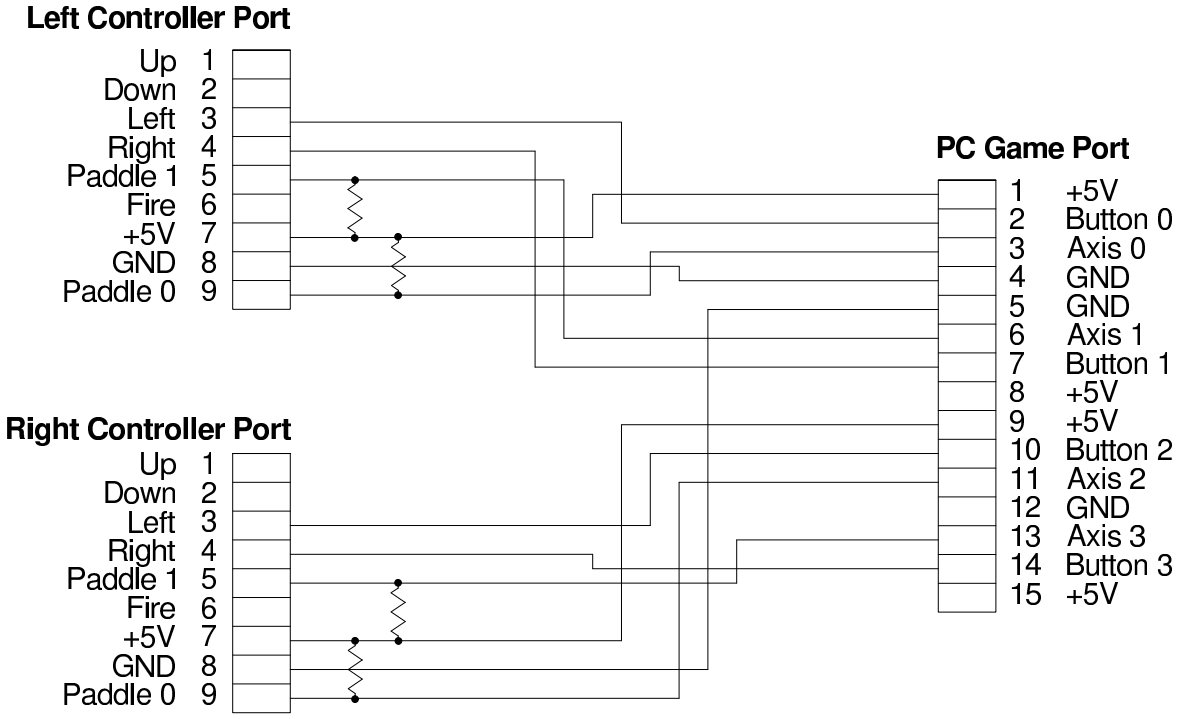
8 Real Paddle Adaptor

The DOS and Linux versions of Stella support real Atari 2600 paddles using a special adaptor which connects to the PC game port. The adaptor requires the following parts:

1 DB15 male connector (joystick extension cable plugs into this)
2 DB9 male connectors (paddles plug into these)
4 115k resistors
1 Small project box
1 Joystick extension cable
Some wire or ribbon cable

Most of these parts can be found at Radio Shack. I could not find a DB15 connector there or the 115k resistors, however, if you're willing to sacrifice a joystick extension cable you can do without the DB15 connector and you can always place a 100k resistor and 15k resistor in series to make a 115k resistor. A schematic of the adaptor is shown below:



As you build the adaptor be careful not to short the +5V and GND connections. Although I have built this adaptor and use it on my personal PC I cannot guarantee that the circuit is error free therefore USE IT AT YOUR OWN RISK!