**Arcade1Up Volume How-to**

First order of business to make sure the pi is turned off and plug in the volume connector onto your pi.

The red wire should be connected to the 12 pin, white to 14 and black to 16.

Next, turn on you pi and using PuTTY or something of the sort, login in to your Raspberry Pi

U: pi

P: raspberry

Once you're at a terminal, type or paste:

sudo apt-get update

Next type or pate:

wget https://github.com/MisterHollyw00d/A1U/blob/master/arcade1up-volume-gpio.c

Next you will need to install WiringPi, so type or paste:

sudo apt-get install wiringpi

Then type or paste:

gcc -o arcade1up-volume-gpio -Os -s arcade1up-volume-gpio.c -lwiringPi

You have now merged the two file together and should be good to go. You can test it by typing or pasting:

./arcade1up-volume-gpio

While it's running, move the volume switch and see if it notices. Hit CTRL-C to stop the program and get back to the command prompt.

If it worked, you will need to add it to /etc/rc.local.

Next type or paste:

sudo nano -w /etc/rc.local

This is a basic text editor. Use the down arrow key to go to the end of the file. There might be a line that says "exit 0" at the end.

If so, you want to put this next line right above it, otherwise, just stick it at the end of the file:

/home/pi/arcade1up-volume-gpio >/dev/null 2>/dev/null &

NOTE: make sure that '&' is at the end, it's important!

Press CTRL-X to exit. It'll ask you to about saving the file, say yes.

Now reboot and you should be good to go. A reboot is required, so type or paste:

sudo reboot