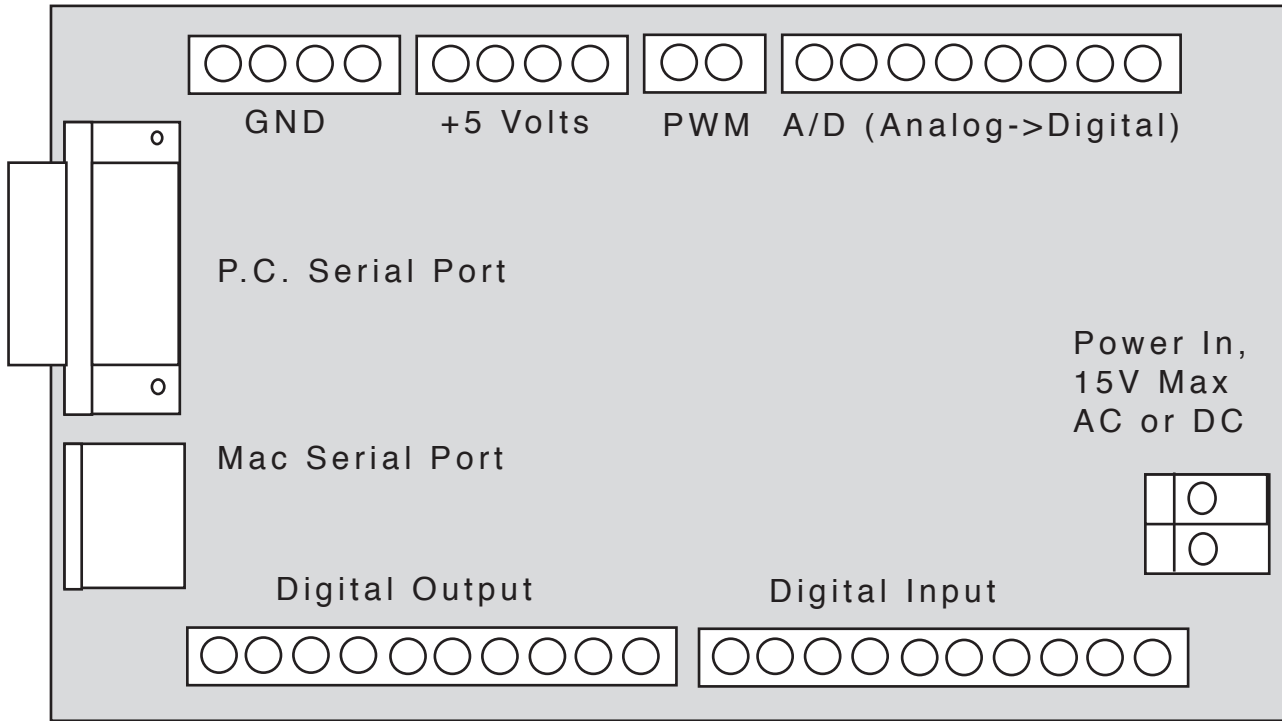
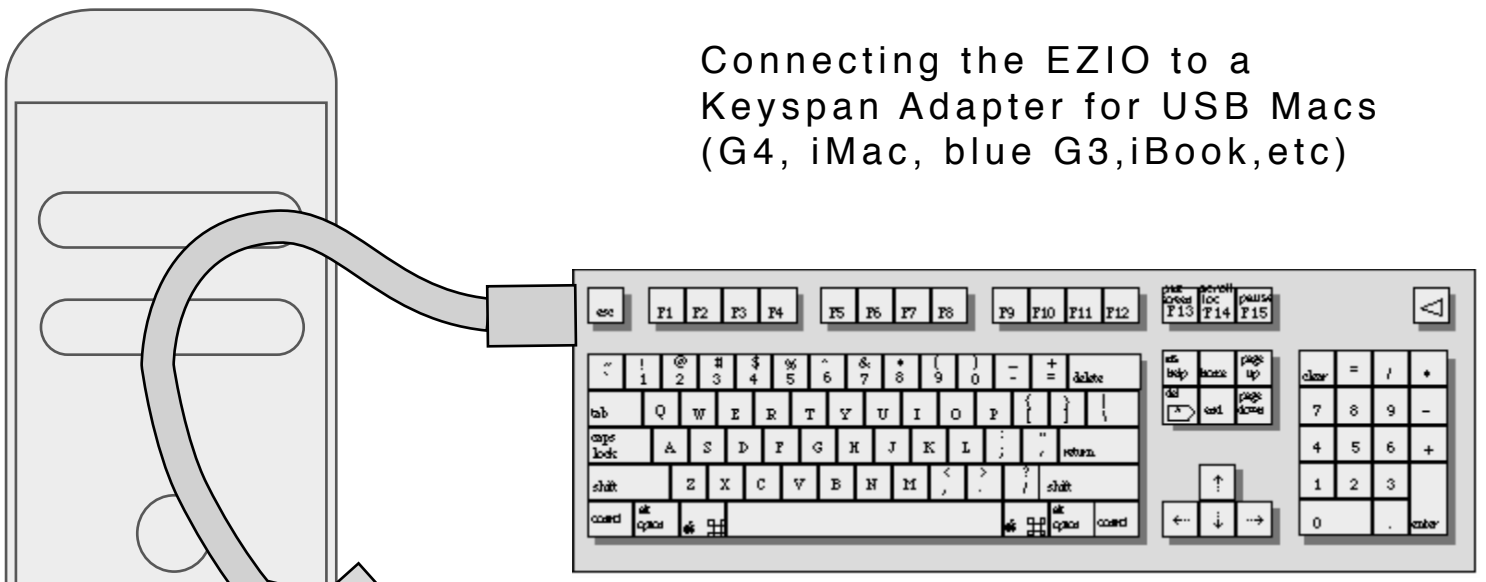


EZIO Board Diagram



Connecting the EZIO to a Keyspan Adapter for USB Macs (G4, iMac, blue G3, iBook, etc)

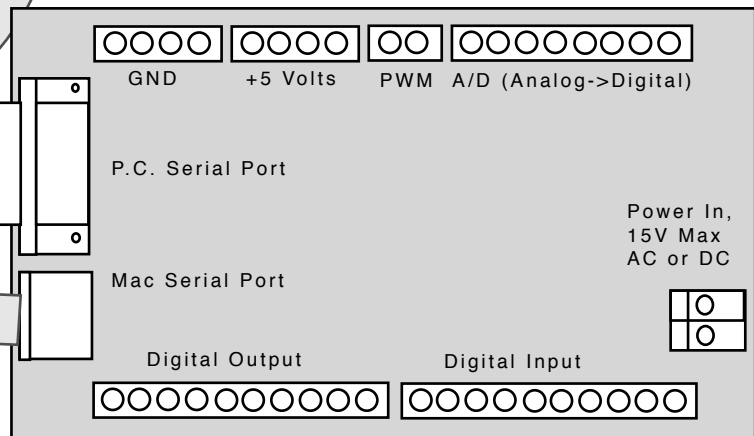


Keyspan Twin Serial Adapter.
Download drivers from www.keyspan.com

Port 1

8-Pin
Serial
Cable

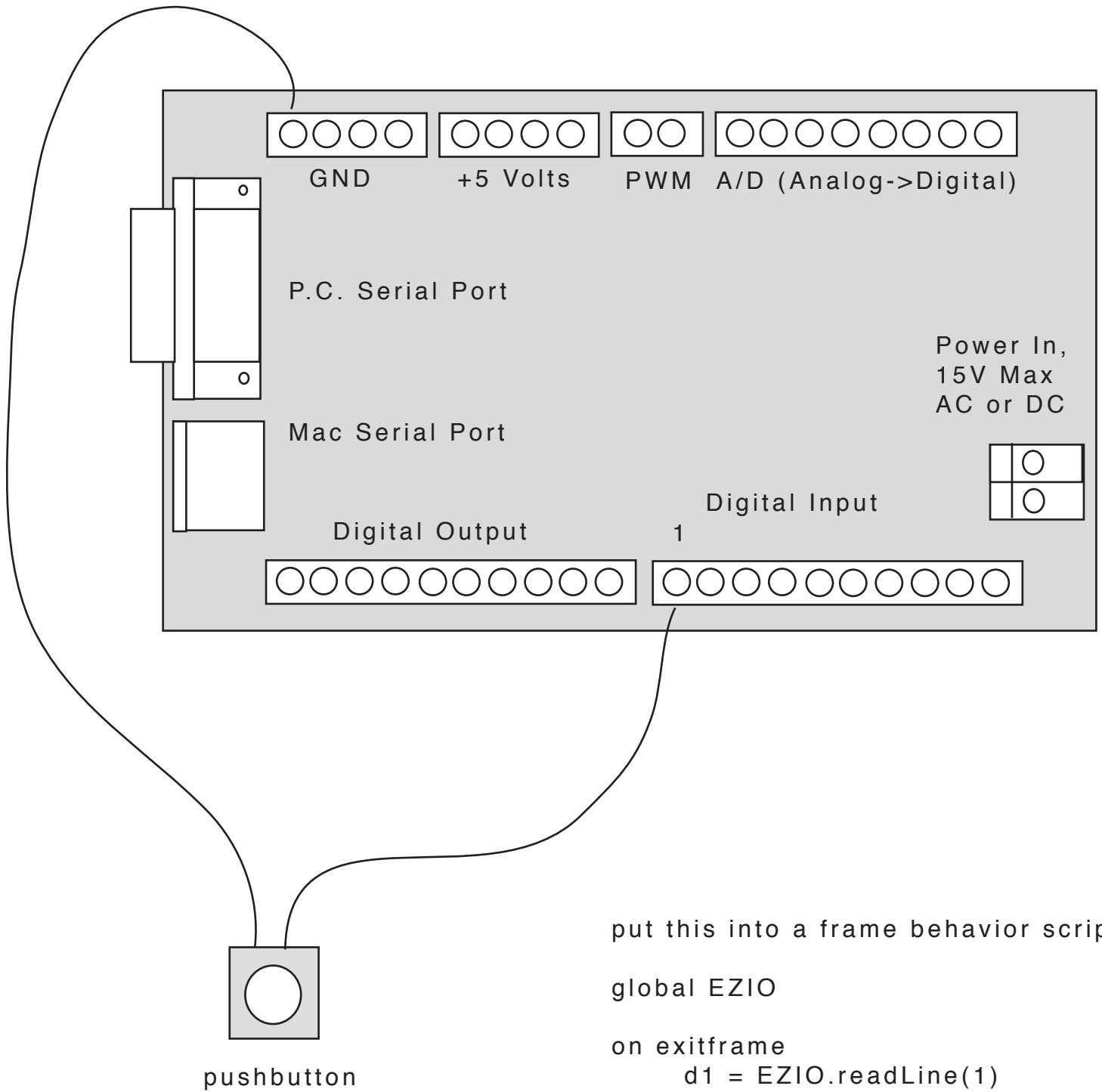
EZIO Board



Put this into a Movie Script:

```
global EZIO
on startMovie
    EZIO = new (xtra "EZIOXtra")
    EZIO.initSerial ("printer")
end
```

all ground terminals
are the same.



put this into a frame behavior script:

```
global EZIO  
  
on exitframe  
    d1 = EZIO.readLine(1)  
    put d1  
  
    if d1 = 0 then beep  
  
    go the frame  
end
```

Using the Analog inputs

put this into a frame behavior script

```
global EZIO
```

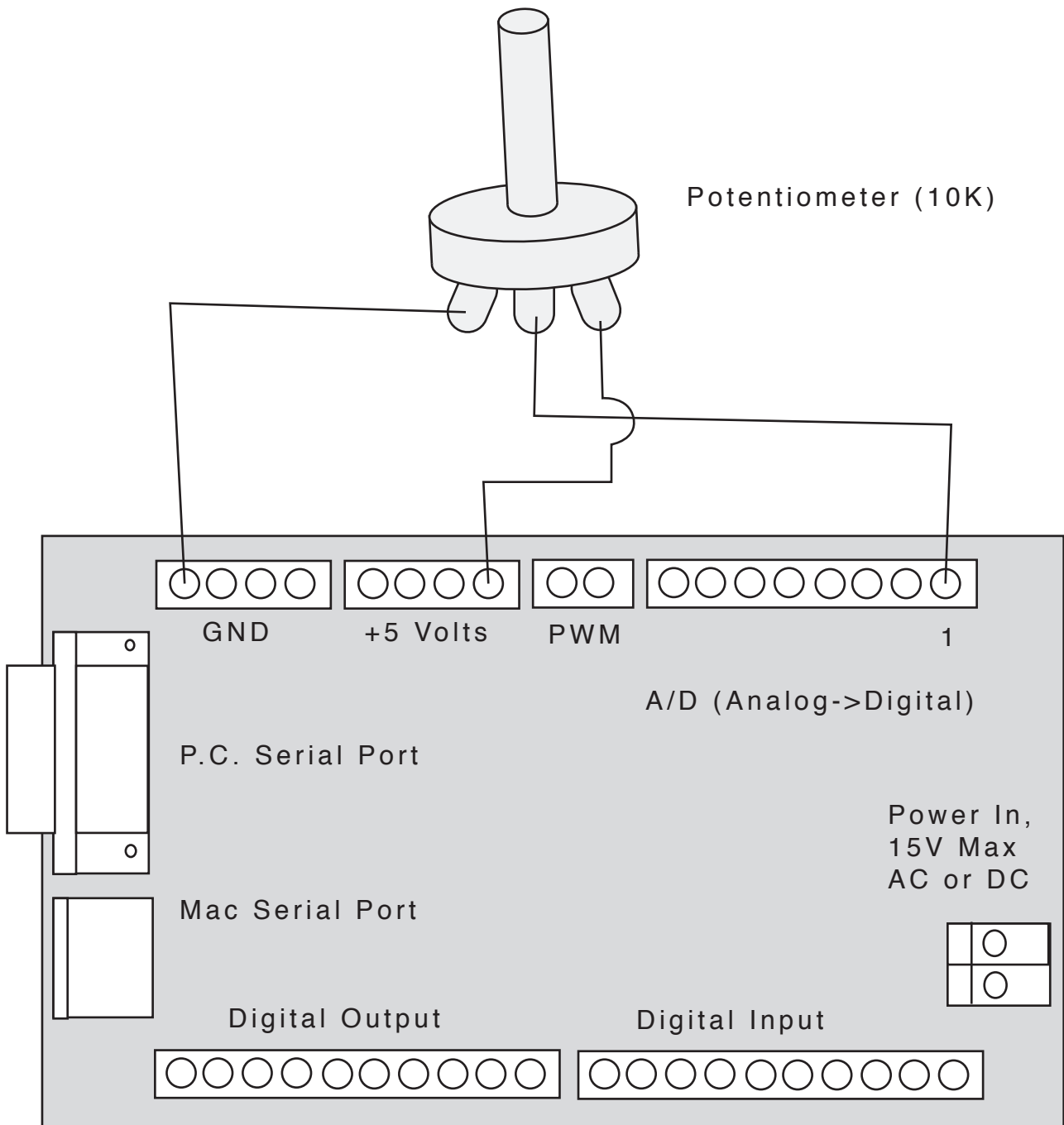
```
on exitframe
```

```
  a1 = EZIO.a2d(1)
```

```
  put a1
```

```
  go the frame
```

```
end
```



Using a Photocell

put this into a frame behavior script

```
global EZIO
```

```
on exitframe
```

```
  a1 = EZIO.a2d(1)
```

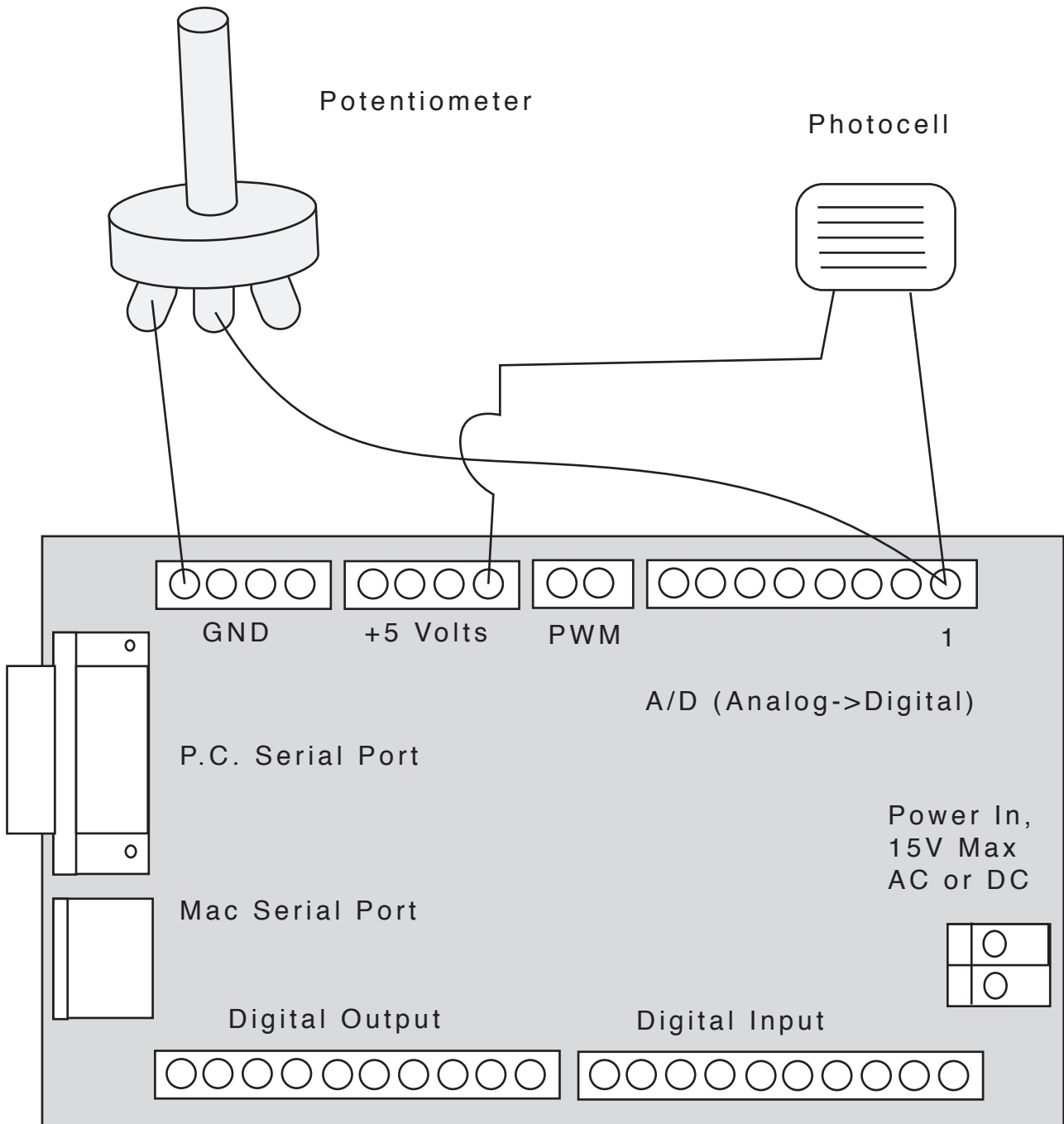
```
  put a1
```

```
  go the frame
```

```
end
```

Both the pot and the photocell attach to the same input line. The pot can then be used to tune the sensitivity of the photocell for different light conditions.

This circuit will also work with other types of variable resistors, such as Force Sensing Resistors.



Using Multiple Photocells

Each sensor needs its own potentiometer.

```
global EZIO  
on exitframe
```

```
  a1 = EZIO.a2d(1)  
  a2 = EZIO.a2d(2)  
  a3 = EZIO.a2d(3)  
  put a1 && a2 && a3  
go the frame
```

```
end
```

