

idiot.io



LDR

OUTputs :

LED

SERVO

TX

Programing :

RST

SCK

MISO

MOSI



## IR Receiver

### Power Bank Connector

## DC Motor Connector

the system has an initial auto calibration,  
but we need to fine tune it to compensate for different  
material and lighting

cover LDR #1	press the [CH+] to set max value
cover LDR #2	press the [CH-] to set min value
uncover both LDRs	press the [CH] to set mid value

press [-] and [+] to subtract/add to trim value  
after fine-tune you will have to trim the motor middle point  
press until the motor doesn't turn or twitch in uncovered state.  
usually no more then -/+10 is needed.

to save settings in deep memory press the [200+] key  
the setting you provide will be stored in Tinytony.

if DEBUG is on you can use the [EQ] button to watch your settings  
you will need a serial RX line connected to pin6 (TX)

[PREV] AND [NEXT] keys set the minimal motion threshold

