

Useful Code Blocks

In this example the PIR is plugged into A

The inputs range from 0-255. In this case the if block is triggered when motion drops below 125

Here you can decide what happens when the PIR triggers or not

if analogue A > 100 then
end if

if analogue A > 125 then
end if

else
end if

Here it is triggered if the motion rises above 100.

do forever
loop

Use a forever loop if you want the condition to be continuously checked

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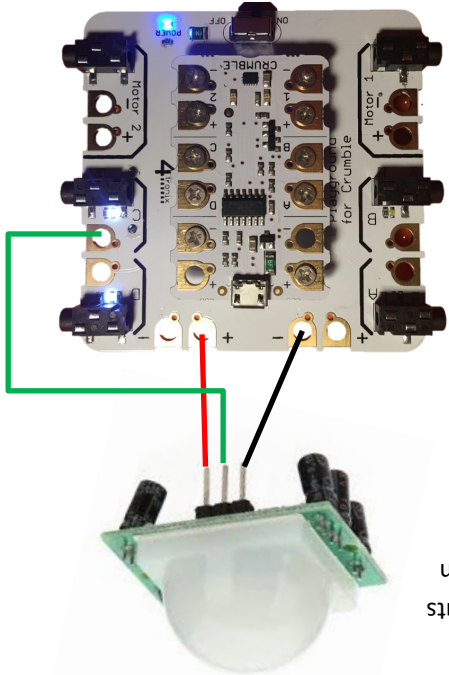
Hints

By itself the PIR sensor is not very useful but it can be used to detect people which make it great for triggering outputs such as buzzers, lights or motors.

PIRs can be difficult to test in a classroom with many people moving around. Program your Crumble, disconnect it from the computer and then take it to a place with less people in the school or playground

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The green cable could also be connected to A, B, C or D



PIR inputs between 0-255

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Crumble Playground Maker Cards PIR Sensor

