FRIGHTPROPS
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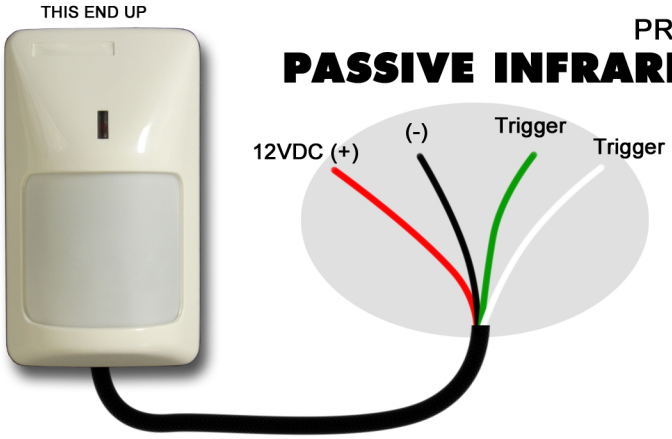
PRODUCT CODE #0657

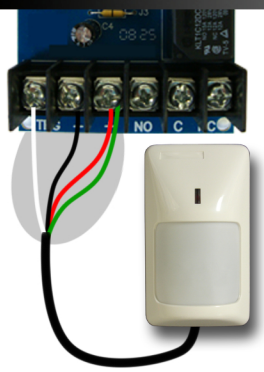
PASSIVE INFRARED MOTION DETECTOR (PIR)



OPERATION: When motion is detected the two "Trigger" wires (GREEN and WHITE) are contacted together completing a circuit. The PIR must have 12VDC supplied to the RED (+) and BLACK (-) wires. The red LED will illuminate when motion is detected. You can black this out with a piece of electrical tape if you don't want it to be seen (or open the unit and set Switch S1 to the OFF position).

This sensor requires 12VDC to operate. If the device you will be using it with does not supply this voltage then you will need to use a power supply to power it.

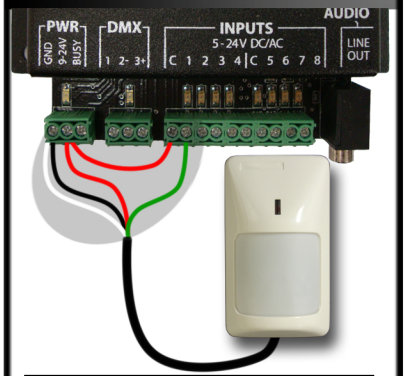
Simple Prop Timer



SENSOR WIRES	TIMER TERMINALS
BLACK	-
RED	+
GREEN	+
WHITE	TRG

You must also hook a 12VDC power supply to - and + to power the timer and sensor.

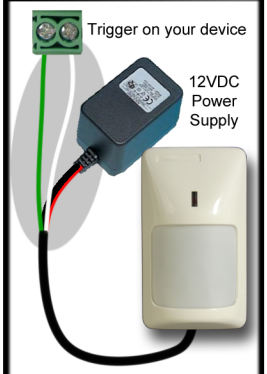
BooTunes



SENSOR WIRES	BOOTUNES
BLACK	GND
RED	9-24V
GREEN	INPUTS 1 through 8
WHITE	GND

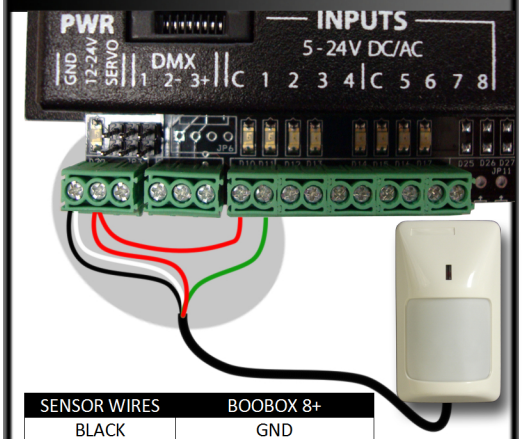
Note the red jumper that is required. If triggering inputs 5,6,7 or 8 this jumper must go to the "C" closest to those.

Other Devices



SENSOR WIRES	DEVICE
BLACK	-
RED	+
GREEN	Trigger
WHITE	Trigger

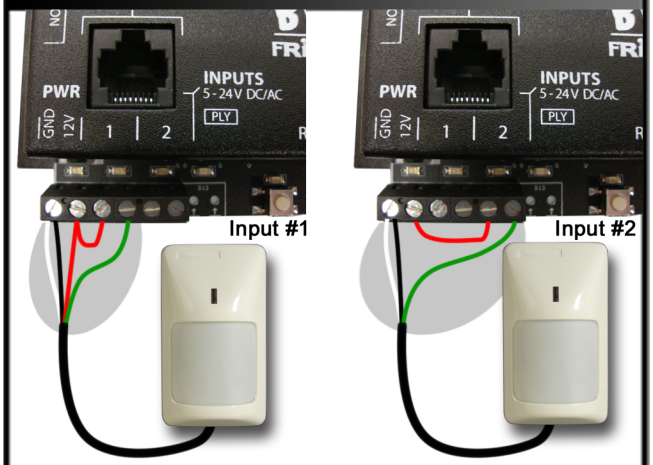
BooBox 8+



SENSOR WIRES	BOOBOX 8+
BLACK	GND
RED	12-24V
GREEN	INPUTS 1 through 8
WHITE	GND

Note the red jumper that is required. If triggering inputs 5,6,7 or 8 this jumper must go to the "C" closest to those.

BooBox4



SENSOR WIRES	PICOBOO
BLACK	GND
RED	12V
GREEN	Input Pin #2
WHITE	GND

Note the red jumper that is required from "12V" to Input Pin #1 of Input 1 or Input 2.

PicoBoo

SENSOR WIRES	PICOBOO
BLACK	GND
RED	9-12V
GREEN	IN
WHITE	GND

Notes

- It may take up to 1 minute for the sensor to calibrate after powering on before it will funtion correctly
- This sensor is a "normally open" device. Some controllers have a configuration setting for "normally open" or "normally closed" input. Set to "normally open".

Features

- Range: 40' x 40' (12m x 12m)
- DC 10-14VDC
- Relay contacts: 90mA max.
- Operating Temperature: 14°F to 131°F
- Relative Humidity: 5% to 95%

Field of Vision

If the motion sensor is too sensitive or its field of vision is too great you can limit it. This is done by placing it behind a hole (about 1" diameter) so that it can only "see" straight ahead. You can also use electrical tape to cover portions of the lens.

Mounted behind hole

Electrical tape