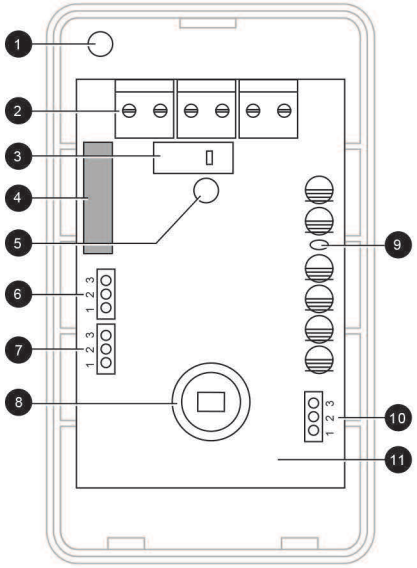
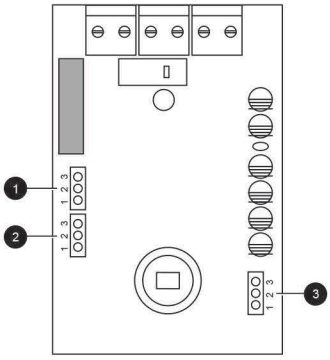
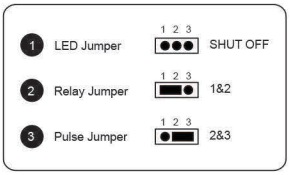
PRODUCT PROFILE



1. Wire Exit
2. Terminal Block
3. Anti-dismantle
4. Relay
5. LED Indicator
6. LED Jumper
7. Relay Jumper
8. Dual Element IR Sensor
9. Thermistor Resistance
10. Pulse Jumper
11. PCB

JUMPER SETTING FIGURE



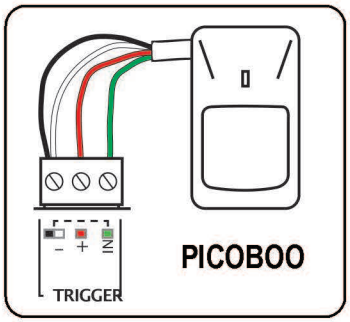


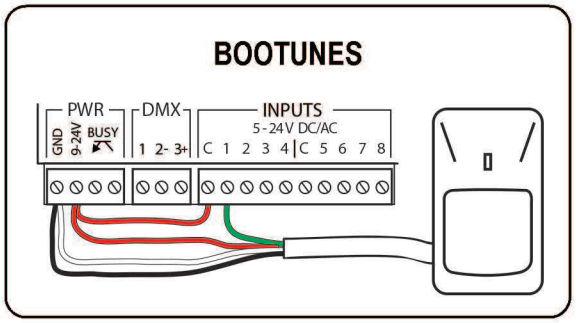
Jumper Settings:
Relay Jumper: Choose Normally Open or Normally Closed operation
1&2: N.O.
2&3: N.C.

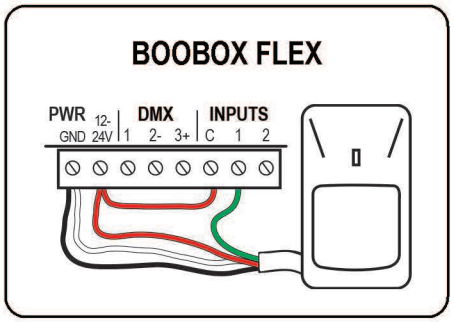
Pulse Jumper: Adjust the sensitivity and anti RF Interference
1&2: Class 1 Pulse - Highest Sensitivity
2&3: Class 2 Pulse - High Anti RF Interference (best in environments with strong RF interference)
Off: Class 3 Pulse - Low Sensitivity / Highest Anti RF interference (for environments with extreme RF interference)

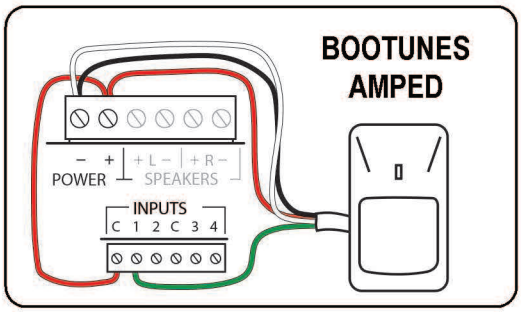
LED Jumper: Turn the indicator LED on or off
1&2: LED ON
2&3: LED OFF

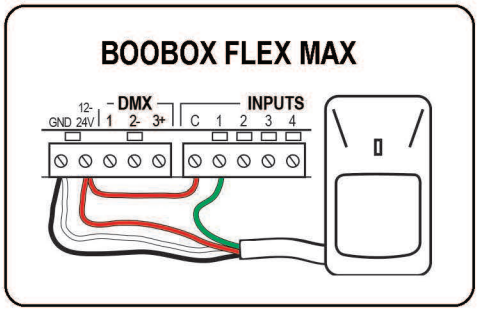
COMMON WIRING CONFIGURATIONS

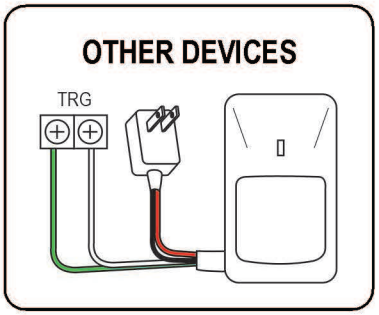


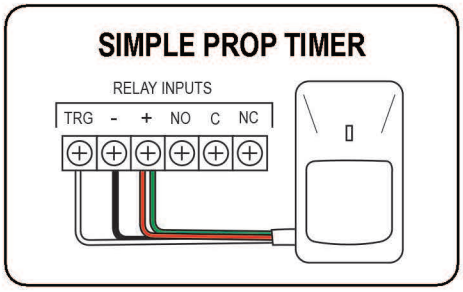


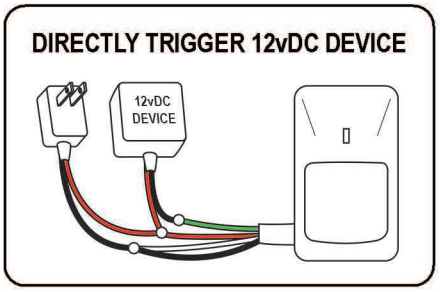












For more support information visit www.frightprops.com/faq

* Device must not draw more than 100mA

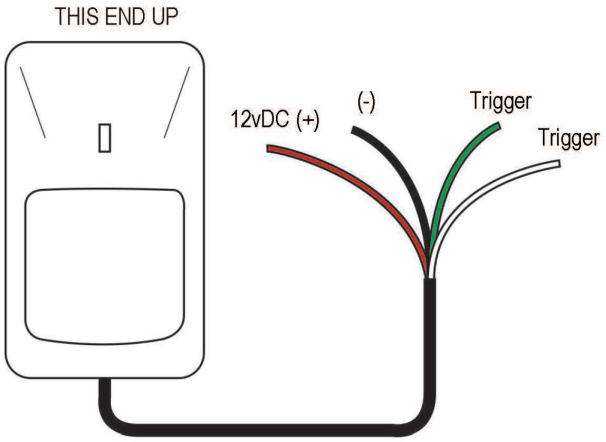
PASSIVE INFRARED DETECTOR (PIR)

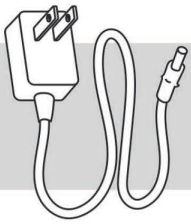
PRODUCT CODE #0657

www.frightprops.com

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 LED Jumper 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.

FEATURES

- Auto temperature compensation
- Pulse count adjustment
- Anti white-light interference
- Anti RF interference (20V/m-1GHz)
- Fresnel lens
- Wall/Ceiling Intstallation

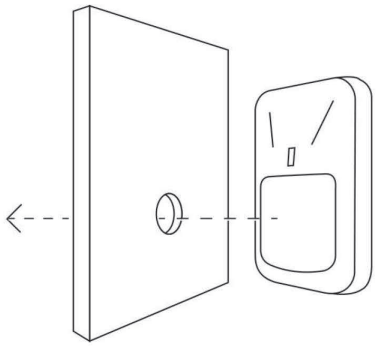
TECHNICAL SPECIFICATIONS

- Operating Voltage: DC 9v - 24v
- Current Consumption: ≤ 18mA (12vDC)
- Detecting Distance: 12m
- Self-Testing Time: ≈ 60 seconds
- Working Temperature: 10°C - 50°C
- Maximum load: 100mA

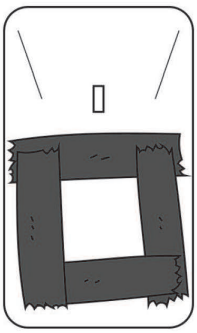
FIELD OF VIEW

If the motion sensor is too sensitive, or its field of vision is too great, you can limit it. This is done by placing the sensor 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



Detecting Area View

