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

1	LED Jumper	1 2 3	SHUT OFF
2	Relay Jumper	1 2 3	1&2
3	Pulse Jumper	1 2 3	2&3

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

PICOBOO

BOOTUNES
PWR — DMX — INPUTS 5 - 24V DC/AC
GND 9-24V BUSY 1 2- 3+ C 1 2 3 4 C 5 6 7 8

BOOBOX FLEX
PWR 12-24V DMX INPUTS
GND 1 2- 3+ C 1 2

BOOTUNES AMPED
POWER — + + L — + R — SPEAKERS
INPUTS C 1 2 C 3 4

BOOBOX FLEX MAX
GND 12-24V DMX 1 2- 3+ INPUTS C 1 2 3 4

OTHER DEVICES
TRG

SIMPLE PROP TIMER
RELAY INPUTS
TRG — + NO C NC

DIRECTLY TRIGGER 12vDC DEVICE
12vDC DEVICE
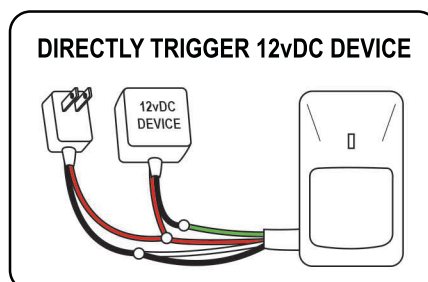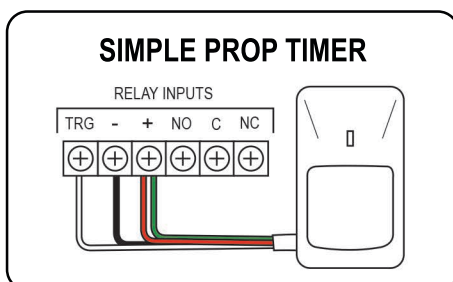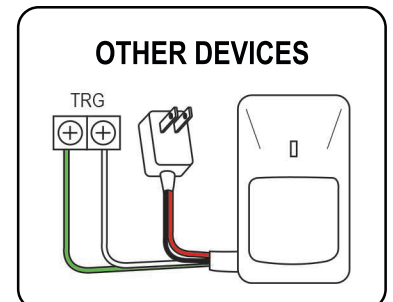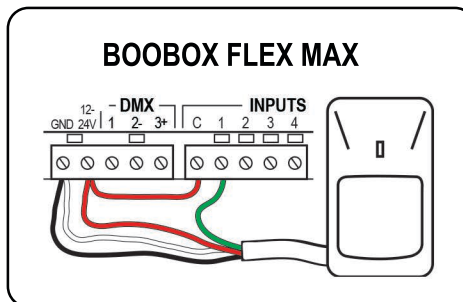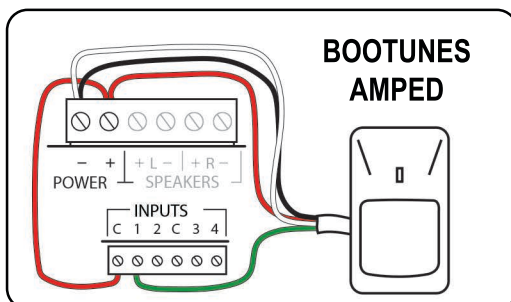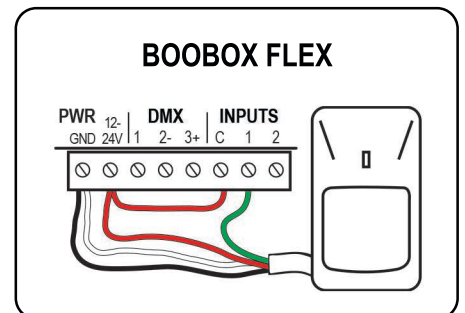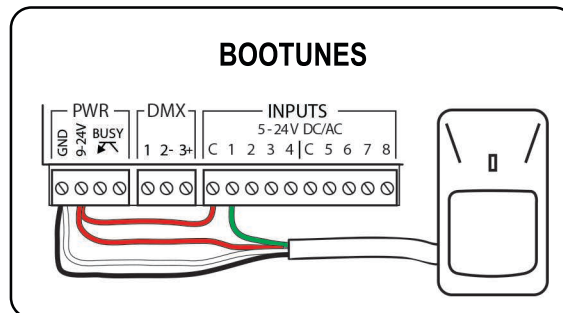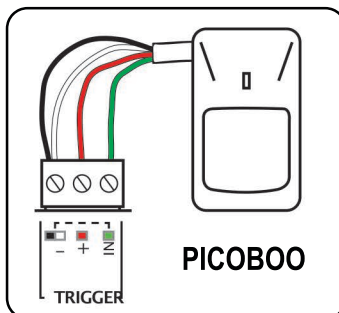
For more support information visit www.frightprops.com/faq

* Device must not draw more than 100mA

OPERATION

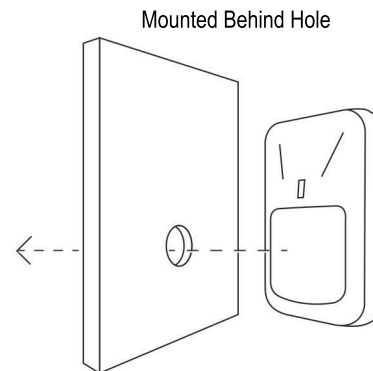When motion is detected the two "Trigger" wires (GREEN and WHITE) are contacted together, completing a circuit. The PIR must have 12vDC supplied to the RED (+) and BLACK (-) wires. The red LED will illuminate when motion is detected. You can black this out with a piece of electrical tape if you don't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

THIS END UP

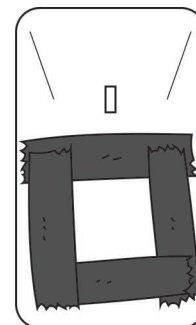12vDC (+)   (-)   Trigger   Trigger
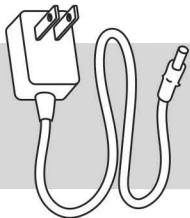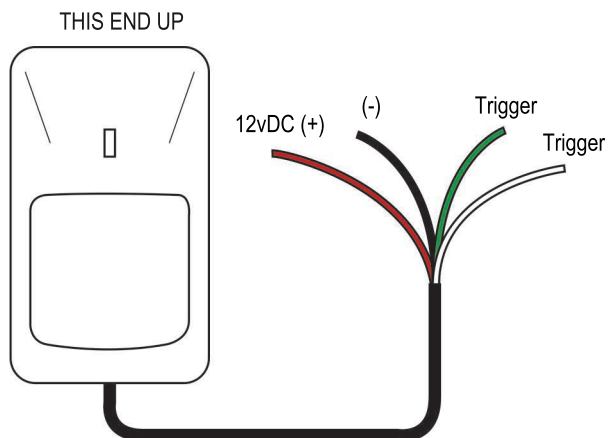
This sensor requires 12vDC to operate. If the device you will be using it with does not supply this voltage then you will need to use a power supply to power it.

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

6m

0

6m

0m   3m   6m   9m   12m

Side View

2.2m

3m   8m   12m