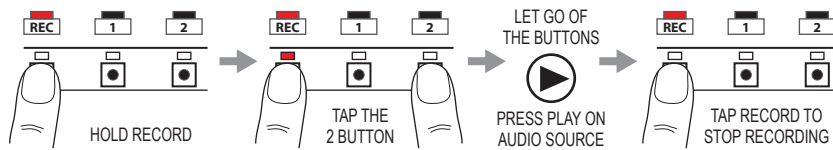## Recording the Scare Sound

The PicoBoo can store a total of two minutes of sound that will playback during your scare.

HOLD RECORD → TAP THE 2 BUTTON → LET GO OF THE BUTTONS — PRESS PLAY ON AUDIO SOURCE → TAP RECORD TO STOP RECORDING

Previewing the Scare Sound

Press the 2 button to preview your Scare sound. You can let it play through or press it again to cancel playback.
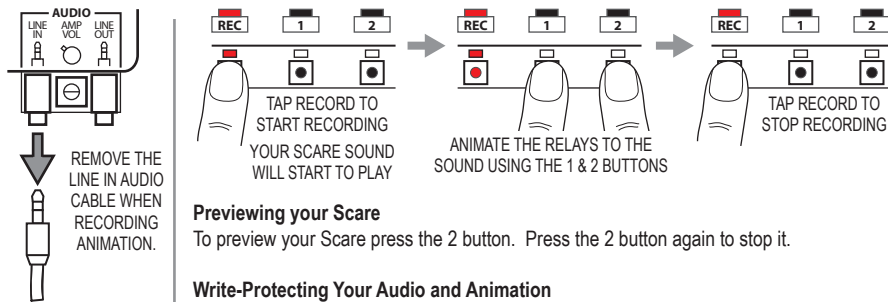
Multiple Scare Sounds

The PicoBoo can store up to ten scare sounds, as long as they are under two minutes (see online manual).

Ambient Sound

The PicoBoo can also record an Ambient sound that it will loop while it waits to be triggered. An Ambient sound must be recorded **before** the Scare sound. To record or preview the Ambient sound, follow the steps above using the 1 button instead of the 2 button. Once you're happy with the Ambient sound you may record the Scare sound, as long as they are under two minutes. To disable the Ambient sound, record silence for less than three seconds.

Recording Animation

REMOVE THE LINE IN AUDIO CABLE WHEN RECORDING ANIMATION.

TAP RECORD TO START RECORDING — YOUR SCARE SOUND WILL START TO PLAY → ANIMATE THE RELAYS TO THE SOUND USING THE 1 & 2 BUTTONS → TAP RECORD TO STOP RECORDING

Previewing your Scare

To preview your Scare press the 2 button. Press the 2 button again to stop it.

Write-Protecting Your Audio and Animation

The write-protect setting can be toggled on or off by powering up the PicoBoo while holding the 2 button. When the red light flashes a few times the write-protect has been toggled.

Troubleshooting

The REC light keeps flashing

The input is probably set to normally-closed when it should be normally-open. To change it back, power up the PicoBoo while holding the 1 button. Let go of the button when you see the REC light blink a few times.

The REC button is not responding. Can't record audio or animation.

• The PicoBoo may be write-protected. See *Write-Protecting Your Audio and Animation* above.
• If it's animation you can't record, make sure there is no audio cable in the PicoBoo's Line In jack.

The sound starts cutting out or sounds crackly

• If you're NOT using the amplified output you may have recorded at too high a volume. Try re-recording the audio with the audio source set to a lower volume.
• If you're using the amplified output your power supply may be too small. Try turning down the volume or swapping out the power supply with one that has a higher current or wattage rating. If the audio clicks or pops when you turn an output off you may need diodes or capacitors on your solenoids. See the full manual for more details.

Don't see your problem here? Check our website for more information.
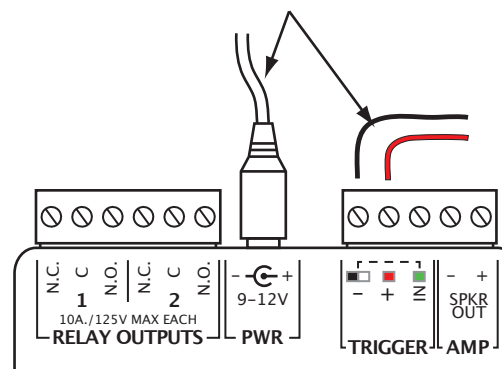

Quick-Start Guide

PicoBoo

NEED HELP?
There are videos, a full manual, and more diagrams available online.

Power Supply

POWER CAN BE SUPPLIED USING THE BARREL CONNECTOR OR THE TRIGGER TERMINAL BLOCK.

Sizing your Power Supply

Your PicoBoo's power supply must be 12 volts DC. The wattage you'll need depends on whether you're using the internal amp, and if you're trying to power other devices from the same supply.

Add up the wattage of all the devices that will be used at the same time and make sure your power supply's wattage is equal to or higher than that number. Use 2 watts for the PicoBoo if you're not using the amp, and 12 if you are.

Example:
```
   12 watts   PicoBoo and internal amp
 + 12 watts   2 x 12VDC 6 watt solenoids
 = 24 watts   Total - Need at least 24 watts
```
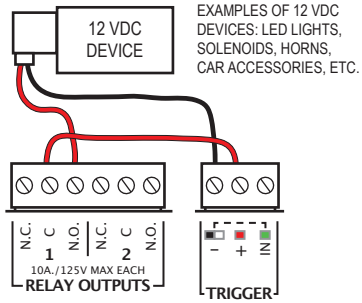
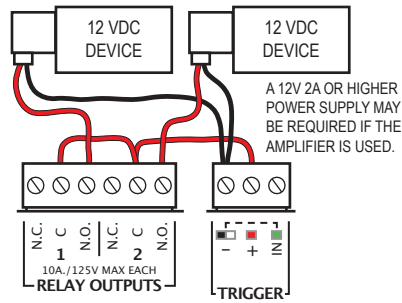## Amplified Speaker Output
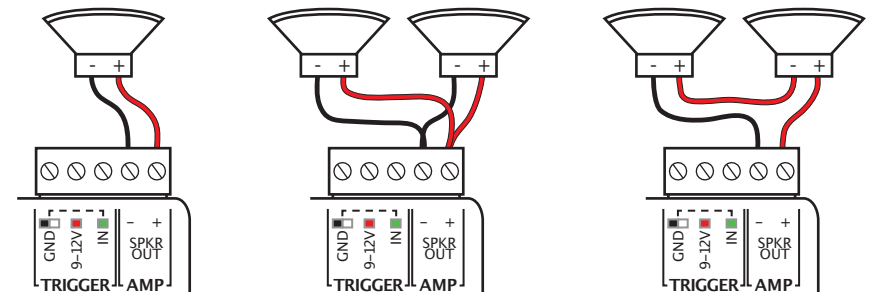
ONE 4, 8, OR 16 OHM SPEAKER

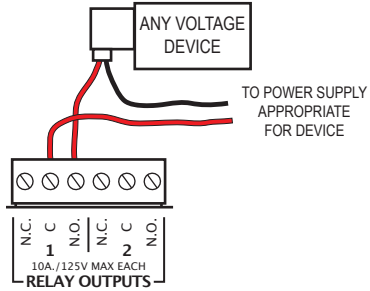TWO 8 OR 16 OHM SPEAKERS

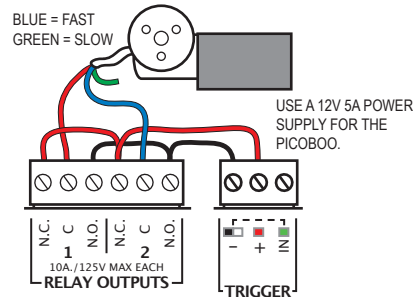TWO 4 OHM SPEAKERS

Relay Output Wiring

ANY 12 VDC DEVICE

12 VDC DEVICE

EXAMPLES OF 12 VDC DEVICES: LED LIGHTS, SOLENOIDS, HORNS, CAR ACCESSORIES, ETC.

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS

TRIGGER

TWO 12 VDC DEVICES

12 VDC DEVICE | 12 VDC DEVICE

A 12V 2A OR HIGHER POWER SUPPLY MAY BE REQUIRED IF THE AMPLIFIER IS USED.

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS

TRIGGER

ANY DEVICE THAT'S NOT 12 VDC

ANY VOLTAGE DEVICE

TO POWER SUPPLY APPROPRIATE FOR DEVICE

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS

ANY 110 VOLT LOAD

HIGH VOLTAGE

TO WALL OUTLET

⚠ TAKE APPROPRIATE SAFETY PRECAUTIONS WHEN WIRING HIGH VOLTAGES.

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS
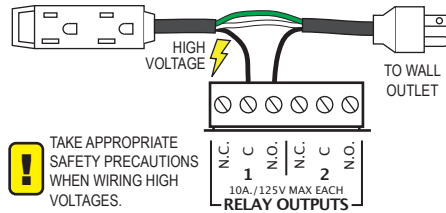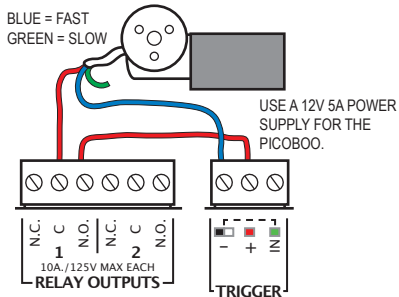
12 VDC MOTOR ON/OFF IN ONE DIRECTION

BLUE = FAST
GREEN = SLOW

USE A 12V 5A POWER SUPPLY FOR THE PICOBOO.

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS

TRIGGER

12 VDC MOTOR FORWARD AND REVERSE

BLUE = FAST
GREEN = SLOW

USE A 12V 5A POWER SUPPLY FOR THE PICOBOO.

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS

TRIGGER

FOG MACHINE

FOG MACHINE

FOG

HIGH VOLTAGE

SEE OUR WEBSITE FOR A COMPATIBLE FOG MACHINE CABLE SO YOU DON'T HAVE TO HACK YOUR REMOTE.

OR

1. UNPLUG FOG MACHINE
2. OPEN REMOTE
3. LOCATE FOG BUTTON PINS
4. SOLDER A WIRE TO EACH PIN
5. CONNECT THOSE WIRES AS SHOWN

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS

ONE 110 VOLT DEVICE, ONE 12 VDC DEVICE

HIGH VOLTAGE

TO WALL OUTLET

12 VDC DEVICE

N.C. C N.O. | N.C. C N.O.
1 | 2
10A./125V MAX EACH
RELAY OUTPUTS

TRIGGER

Trigger Input Wiring

PIR MOTION SENSOR

SENSOR WIRES	
BLACK	GND (-)
RED	12VDC (+)
WHITE	RELAY C
GREEN	RELAY N.O.

– + IN

TRIGGER
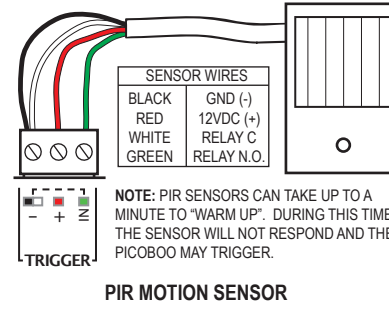
NOTE: PIR SENSORS CAN TAKE UP TO A MINUTE TO "WARM UP". DURING THIS TIME THE SENSOR WILL NOT RESPOND AND THE PICOBOO MAY TRIGGER.
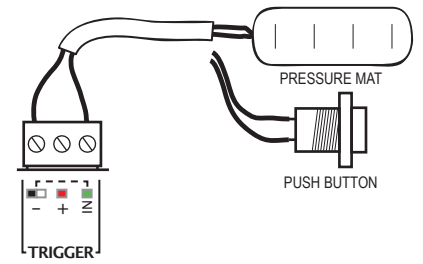
PRESSURE MAT OR PUSHBUTTON

PRESSURE MAT

PUSH BUTTON

– + IN

TRIGGER

BEAM SENSOR

SENSOR WIRES	
BLUE	GND (-)
BROWN	12VDC (+)
WHITE	RELAY C
BLACK	RELAY N.O.

– + IN
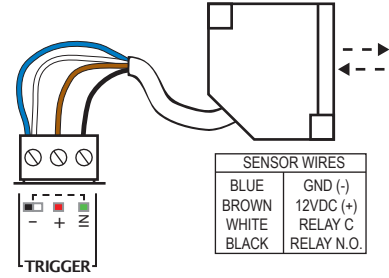
TRIGGER

CONTINUOUS PLAY (LOOPED)

LOOPED WITH ON/OFF OPTION

LOOPED

SWITCH

– + IN   – + IN

TRIGGER   **TRIGGER**

WIRELESS TRIGGER

C
N.O.
RELAY OUTPUT

–
+
POWER

BASE STATION

CONNECT THESE ONLY IF THE BASE RUNS ON 12 VDC AND DOES NOT HAVE ITS OWN POWER SUPPLY CONNECTED.

REMOTE

– + IN
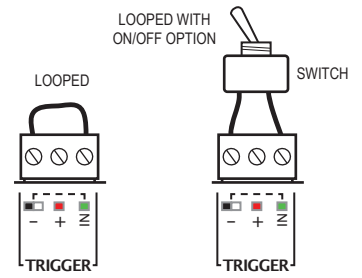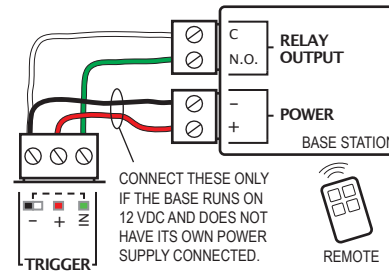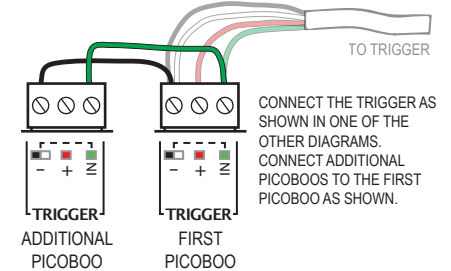
TRIGGER

MULTIPLE PICOBOOS WITH ONE TRIGGER

TO TRIGGER

CONNECT THE TRIGGER AS SHOWN IN ONE OF THE OTHER DIAGRAMS. CONNECT ADDITIONAL PICOBOOS TO THE FIRST PICOBOO AS SHOWN.

– + IN   – + IN

TRIGGER   **TRIGGER**
ADDITIONAL   FIRST
PICOBOO   PICOBOO

Recording Audio

Connect Audio Source and Speakers

STEREO ✓

MONO ✗

AUDIO
LINE IN | AMP VOL | LINE OUT

iPod Computer CD Player

Audio Source

Powered Speakers