

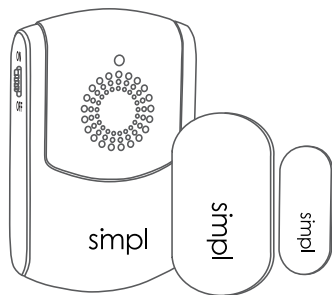
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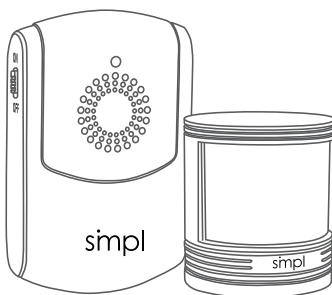
1. BOX CONTENTS (Select package purchased from the below list)

DOOR SENSOR & ALARM KIT



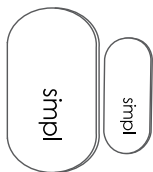
- 2-piece door sensor (transmitter & magnetic stripe)
- Adhesive tape pre-installed on backside of door sensor and magnet
- 1 portable alarm
- 1 belt clip
- 1 small 'star' screwdriver
- 1 button cell battery installed in transmitter (3V CR1632)
- 2 x AAA batteries not included

MOTION SENSOR & ALARM KIT



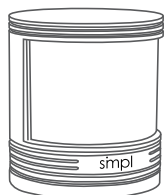
- 1 motion sensor (with bracket attached)
- Adhesive tape for backside of motion sensor bracket (optional)
- 2 screws and 2 plugs (optional mounting of sensor/bracket)
- 1 portable alarm
- 1 belt clip
- 1 small 'star' screwdriver
- 1 button cell battery installed in motion sensor (3V CR2450)
- 2 x AAA batteries not included

ADDITIONAL DOOR SENSOR



- 2-piece door sensor (transmitter & magnetic stripe),
- Adhesive tape pre-installed on backside of Door Sensor and Magnet
- 1 button cell battery installed (3V CR1632)

ADDITIONAL MOTION SENSOR



- 1 motion sensor
- Adhesive tape for backside of motion sensor bracket (optional)
- 2 screws and 2 plugs (optional mounting of sensor/bracket)
- 1 button cell battery installed (3V CR2450)

ADDITIONAL PORTABLE ALARM



- 1 portable alarm
- 1 belt clip
- 1 small 'star' screwdriver
- 2 x AAA batteries not included

2. OVERVIEW

simpl Door or Motion Sensors transmit Radio Frequency (RF) infraction signals to **simpl** Alarms. (see Fig. 1)

- One sensor can signal multiple alarms.
- Up to 20 sensors can trigger each alarm.
- Designed for Indoor use (not waterproof)

Increase monitoring points and alarm locations with additional **simpl** Sensors and Alarms for increased safety. (see Fig. 2)

Fig. 1

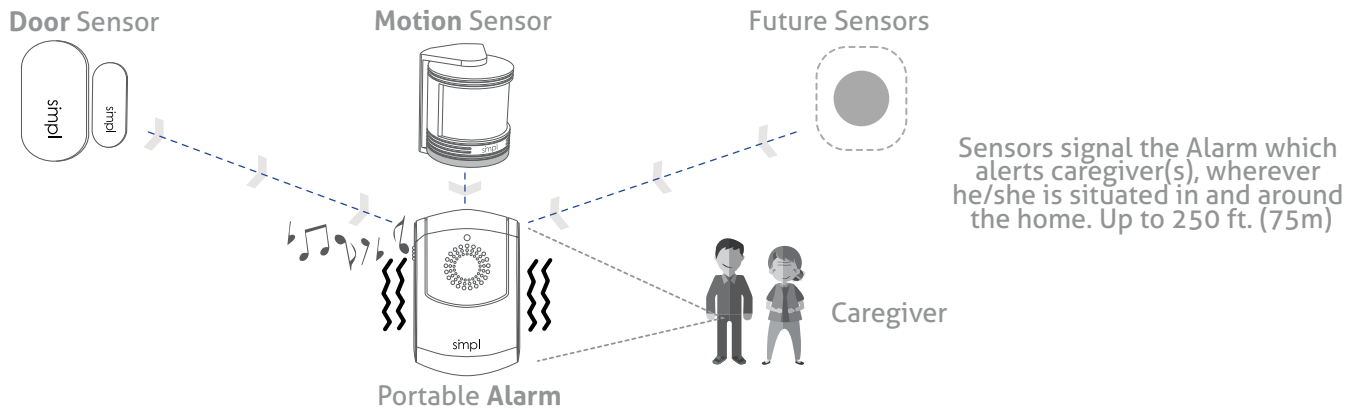
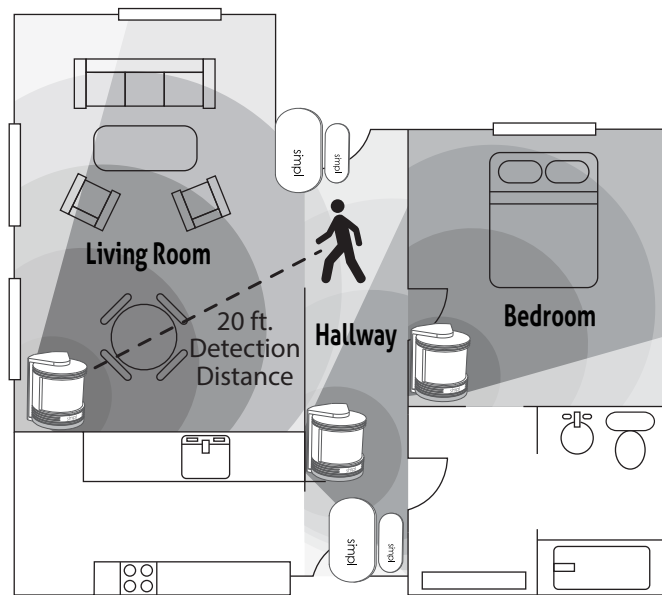


Fig. 2



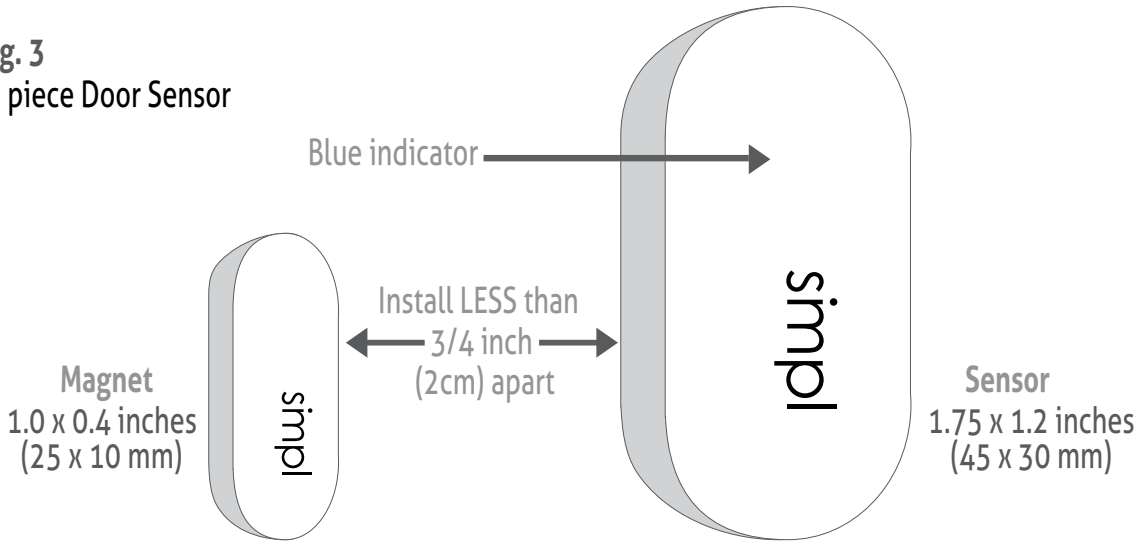
3. SENSORS

Important Tips

- Sensors signal (transmitting) range to the alarm (receiver) is 100 - 250 feet, (30-75 m) in and outside your home (front/back yards) depending on the residence.
- Sensor transmission range can be affected by metal doors, walls, concrete, sensor installation height, and interference signals from other products.
- Each sensor can be set to different or same melodies.

1. Door Sensor Installation

Fig. 3
2 piece Door Sensor



Test and Install

Before final installation, please test the alignment on the door (or cabinet) you identified to monitor. Please follow the simple steps below for headache-free installation.

(1) Remove the battery tab from the sensor. (2) Peel off the oval shaped double sided-tape (pre-installed on back of magnet and sensor) (3) *Lightly* press the sensor on the door frame and the magnet on the door, so they are aligned less than 3/4 inch apart when the door is closed, as high as you can comfortable reach (at least 3.5 ft. (100 cm) from the floor). There is no 'right-side-up' for the door magnet or sensor. See Fig.'s 4 and 5 below. *If the door or the frame is not a flat surface see Note 1 below.* (4) If you see a blue light flash on the sensor when the door or cabinet is opened (or separated by more than 3/4 inch), you're ready for final installation, by firmly pressing both the magnet and the sensor for 10 seconds in place. If you do not see the blue light indicator, please see the Troubleshooting section at end of this guide.

Fig. 4
Magnet and sensor less than 3/4 inch apart

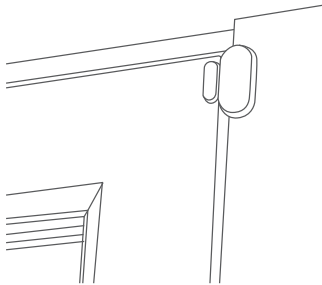
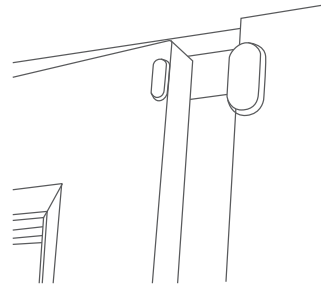
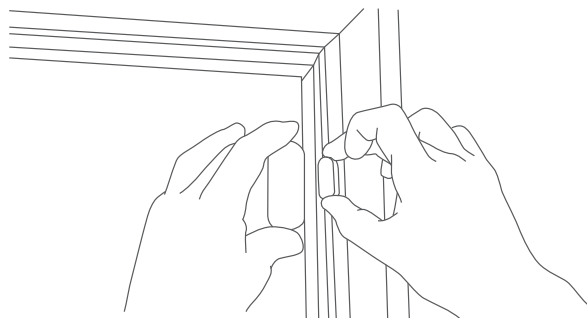


Fig. 5



Note : Sometimes door frames are not flat, as shown in Fig. 6 below. The solution is often to install the smaller magnet on the door frame, instead of the larger sensor part.

Fig. 6



2. Motion Sensor Installation

Familiarize

Get alerts when **simpl** Motion sensors detect movement within 20 ft. Detection range, sensitivity and false alarms are determined by the install location. The motion sensor is comprised of 2 parts, sensor and bracket (pre-installed). See Fig. 7.

Install Location Tips

- The infrared beam projects straight ahead (detecting heat) and 55° to the right and left (total 110°) as well as downwards at 45° angle. See Fig. 8.

Fig. 7

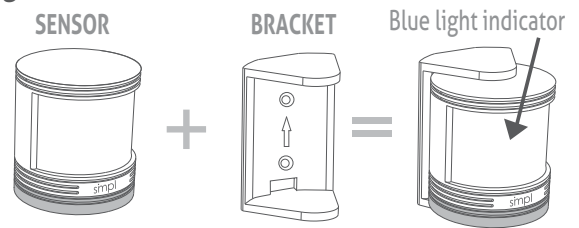
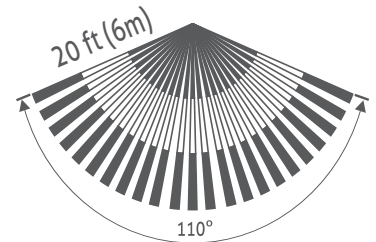


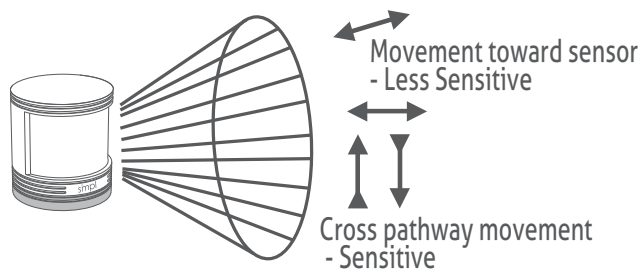
Fig. 8

Top view of motion sensor beam



- Sensitivity of an motion detection is decided by the direction of the moving object. Motion sensor should be installed so its beam faces a cross passage of a moving object. See Fig. 9 below.

Fig. 9



- Recommended height for installation is 6-7 ft. (1.8 - 2.2 m) to cover maximal detection area.
- Install away from other heat radiation or radio frequency sources and strong air flow, which will affect detection sensitivity and may cause a false alarm, including: Air-conditioner, refrigerator, lamp, heater, gas burner, Wifi router or any other source of heat or radio frequencies.
- Sensor lens should not be blocked or partially blocked by plants or other furniture.
- Avoid installing facing a window directly, which outdoor air flow or other moving object will cause false alarm. Before arming the system, pull curtains or blind to cover the window for better performance.

Test and Install

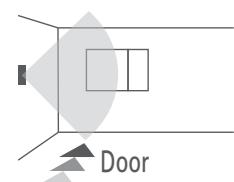
Before final installation, please test motion detection sensitivity. Please follow the simple steps below for headache-free installation.

1. Remove battery tab from the sensor.
2. Determine installation method. Utilizing double-sided tape (included) is recommended. See 'Alternative Installation Methods' below.
3. Mount generally in two locations:
 - a) Any room (positioned on a wall to best detect cross pathway movement)

Note: Install location in a room depends on door / entrance location. The goal is to mount the sensor so the beam is pointing to a cross Pathway (perpendicular), as close as possible to that pathway. See Fig. 10

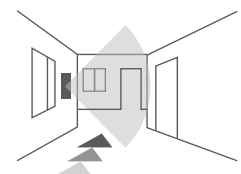
- b) Hallway (on wall across from a monitored room exit). See Fig. 11

Fig. 10



Room Wall-mounted installation
Cross pathway direction

Fig. 11



Hallway wall-mounted installation
Cross pathway direction

- Once you determined your installation method and location, firmly attach the sticky pad enclosed on the back of the sensor bracket by peeling one side of the tape. Now peel the other side and lightly press it to the wall location identified, approximately 6 to 7 feet off the ground (or as high as you can comfortably reach).

Note: The motion sensor can rotate inside the bracket to help point the sensor in the direction of the cross passageway.

- Now test your desired positioning to ensure the sensor is triggered before final installation. Move your body 'cross pathway' mimicking a potential infraction and look for the sensor's blue indicator light flash. If the light flashes, now you're ready for final installation. Firmly press both the magnet and the sensor for 10 seconds in place. If you do not see the blue light indicator, please see the Troubleshooting section at end of this guide.

Alternative Sensor Installation Method 1: Screw/Anchors (optional install method) Please prepare an electric drill, Phillips screwdriver and slotted screwdriver before installation.

- (1) Make two marks on the place of two mounting holes on the sensor bracket.
- (2) Drill two holes on the marked places, then insert the two plugs and bolts provided in the package.
- (3) Now slide in the sensor inside the bracket carefully.

Alternative Sensor Installation Method 2: Place on a shelf (optional).

- (1) Simply place the sensor on a flat surface, at least 6 ft. from the floor, if the location is suitable for cross pathway detection.

4. CONNECT SENSORS to ALARMS

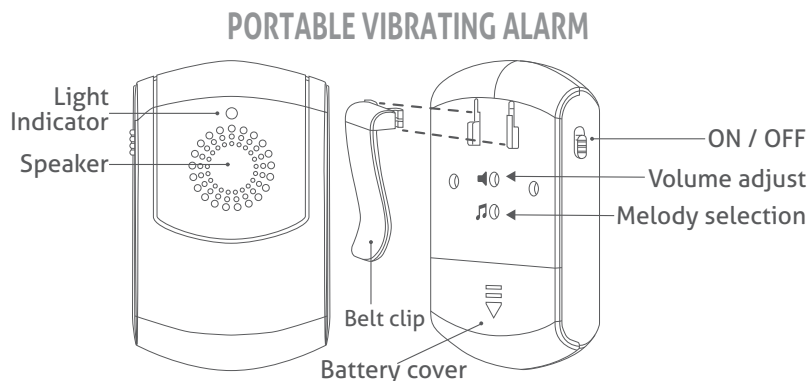
Familiarize

Portable alarms are placed in caregiver/family members pocket, clipped on a belt, placed on a table or even wall mounted.

Alarms have 3 simple functions:

On/Off, volume and melody adjustments. See Fig.13


Fig. 13



1. On/Off :

Insert 2 x AAA Alkaline batteries (not included) in the back of the alarm, sliding off the battery cover. Turn on the alarm. The Indicator light on the front of the unit will NOT turn on. The LED flashes only when signaled by sensors.

2. Volume:

Select from 4 levels of alarm volume. Find the Volume Control small button  inset on the back of the Alarm. **See Fig. 3.** Using the enclosed screwdriver, press this button repeatedly to select your desired volume level. The volume button has another purpose - to pair the sensor to the alarm as well.

3. Melody:

Select from 50 melody alarm sounds. Scroll through the melodies by pressing the Melody  Selection button inset on the back of the Alarm. (See Fig. 3)

Note: The included Belt Clip is handy for portability if/when needed. Do not insert the belt clip in the back of the unit during these pairing of sensors to the alarm(s) as it covers/protects the two inset control buttons, VOLUME and MELODY.

Paring Sensors to Alarms

A sensor purchased as part of a kit is already paired with the enclosed alarm and factory default melody is "ding-dong".

If sensor is purchased separately to expand monitored points (or you want to change the melody and/or volume of the paired kit), refer to the below 5 quick steps to pair sensor(s) to alarm(s).

Note: You will be required to trigger the sensor quickly when pairing (matching) it to the alarm, so please be located near or beside where the sensor is installed. (or have the sensors beside you). Pair and set only one sensor at a time to avoid interference and ensure successful operation.

1. Turn on Alarm
2. Select one of four volume levels by pressing the inset VOLUME button repeatedly, and then
3. Select your desired melody to pair to a particular sensor, by pressing the MELODY button repeatedly.
Note: Different or the same melody can be selected for multiple Sensors.
4. Set the Alarm into pairing (learning) mode by **pressing the Volume button for 5 seconds until you hear a short chirp sound**. You have only 5 seconds to trigger a sensor to pair it to the alarm!
5. **If triggered within 5 seconds, you must immediately hear the melody** you just selected playback, meaning a successful pairing has occurred, and the alarm exits automatically from pairing mode! If no melody is heard the first time, no problem, just repeat step #4.

Note 1: For pairing additional sensors, repeat Step 3 – 4.

Note 2. Factory reset: To start the paring process from the beginning for a particular alarm, (any prior pairing cleared), follow these steps:

- (1) Press the MELODY Selection button (Not the VOLUME adjust button) for 5 seconds.
- (2) You will hear the very brief "pairing alert chirp" and see a SINGLE quick LED flash, then the Alarm will revert to the default melody (ding-dong) and prior pairing will be unset and cleared. Trigger a Sensor to verify by hearing "ding-dong".

5. SENSOR BATTERY REPLACEMENT

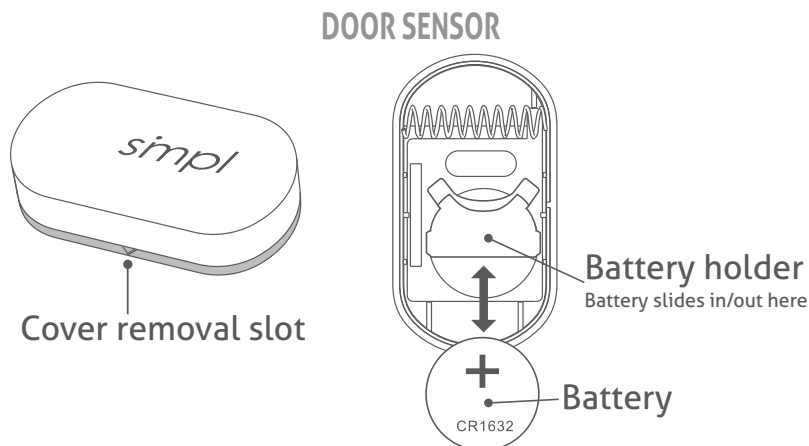
Low battery alert

In normal status mode, the blue indicator will light up once when it is triggered; but in a low battery state, the blue light indicator will change to red.

Door sensor (button cell battery CR1632, 3V)

- a) Access the battery by prying open the bottom grey section of the transmitter from the cover removal slot. See fig. 14.
- b) Slide out the battery by gently pushing to dislodge it from the battery casing. You may need a small screwdriver or pointy device to completely dislodge the battery.
- c) Replace the battery. Please note that the surface with battery text, i.e. the marking 'CR1632' should be facing up.

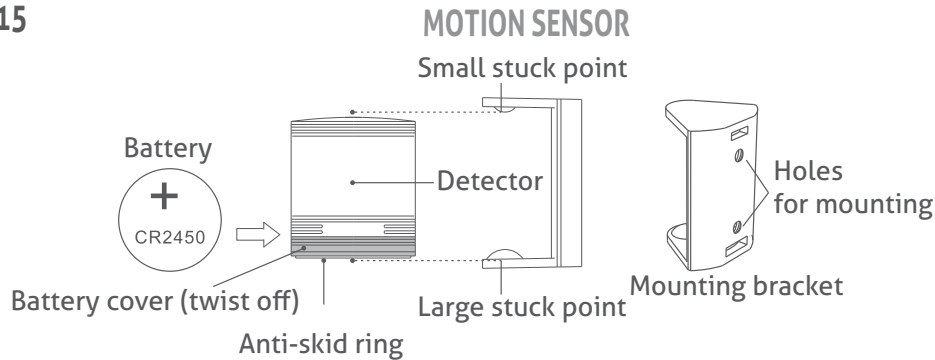
Fig. 14



Motion sensor (button cell battery CR2450, 3V)

- Remove mounting bracket from sensor carefully by slowly prying it off.
- Open bottom grey battery cover by twisting it 1/4 inch counter-clockwise
- Remove the old battery and replace with a new CR2450 button cell battery. Please note that the surface with battery text, i.e. the marking 'CR2450' should be facing up. Also, the motion sensor will probably detect your movements and trigger when re-connecting battery.
- Replace the battery (turn clockwise 1/4 inch) and mount on bracket carefully/slowly.

Fig. 15



6. TROUBLESHOOTING

Door Sensor

Problem: Door Sensor does not trigger when door opened (blue light does not flash on sensor).

Reason 1: Magnet and sensor are installed too far apart. **Solution:** Re-install magnet and sensor closer together.

Reason 2: Battery issue. **Solution 1:** Access the pre-installed battery and ensure it is securely in place inside the battery holder. See Fig. 14. **Solution 2:** Low power alert - installed battery is low or dead and requires replacement. Refer to 'Sensor Battery Replacement' section of this guide.

Reason 3: The sensor is defective and requires replacement within warranty period. **Solution:** Please contact Technical Support.

Motion Sensor

Problem: Motion Sensor does not trigger within 20 ft. of installed motion sensor (the blue light does not flash on the sensor).

Reason 1: Person moving is not moving in a cross pathway enough to be detected. **Solution:** Adjust install location of sensor to detect a more cross pathway moving direction.

Reason 2: Battery issue - low power alert. **Solution:** Low power alert - installed battery is low or dead and requires replacement. Refer to 'Sensor Battery Replacement' section of this guide.

Reason 3: The sensor is defective and requires replacement within warranty period. **Solution:** Please contact Technical Support.

Alarm

Problem: Alarm suddenly cannot receive working signals from sensors - does not ring or vibrate.

Reason 1: Low battery power battery in alarm and/or sensors. The less power in the sensors, the shorter signal range to the alarm. **Solution:** Refer to Battery Replacement section and replace alarm batteries first, followed by sensor batteries, if still not working.

Reason 2: A factory reset was done in error - sensor are no longer paired with the alarm. **Solution:** Pair the sensor to the alarm again. Refer to 'Pairing Sensors to Alarms' section.

Problem: Alarm rings randomly when no one was around to trigger the motion sensor.

Reason: There may be random movement of animals, high density frequency interference, heat radiation, or strong air flow in the detection range of sensor. **Solution:** Identify and eliminate or minimize the source of the false triggers.

Problem: Alarm sometimes doesn't ring when someone passes through an expected motion detection area.

Reason 1: The movement of passerby may not be detected. One explanation is that there's a 5-second time interval between 2 motion detections. If someone passes through the detection range quickly during the time interval, then the movement will not be detected. **Note:** this feature helps avoid constant alerting and ringing when a motion detection occurs.

Reason 2: The infraction was detected but working range between alarm and sensor is shorter than before due to low power status of sensor. **Solution 1:** Replace sensor battery (refer to 'Battery Replacement' section). **Solution 2:** Pair the sensor(s) to the alarm again (refer to 'Pairing Sensors to Alarms' section).

Reason 3: Install location is not optimized. **Solution:** Change install location. Check the install location including height from the floor. Refer to the 'Motion Sensor Installation- Test and Install' section of User Guide. Remember you can rotate the motion sensor which is situated inside the bracket to help point the sensor beam in the direction of the cross pathway.

7. SPECIFICATIONS

Door Sensor

Key functions	Door Sensor and magnet alerts when separated
Dimension	Height 1.75 in X Width 1.00 in (45 x 25 mm)
Battery type	3V CR1632 button battery installed (12-18 mos)
Wireless range	250 ft. (75 m) in an open area
Installation gap and height	≤0.4 inch 3.5 feet≥
Low power alert (Yes or No)	Yes
Waterproof (Yes or No)	No
Operating current	3uA (standby) 15mA (Transmitting)
Operating voltage	3V DC
Radio transmission frequency	433.92 MHz ± 200 KHz
Working temperature	14 °F ~ 122°F (-10°C ~ +50°C)
Working humidity	≤85%

Portable Alarm

Key functions	Vibrating alarm receiver
Dimension	3½ l x 2 ¼ w x ¾ d inches (9x5.5x2 cm)
Battery type	3V DC power (2 x AAA batteries)
Wireless range	250 ft. (75 m) in an open area
Audible range	100 ft (30 m) in an open area
Volume range	25-100 dB, 4 levels
Selectable melodies	52
Expandable (Yes or No)	Yes
Working frequency	433.92 MHz ± 200KHz
Working temperature	- 5°F ~ 130°F (15°C ~ 55°C)

Motion Sensor

Key functions	Beam detects Infrared rays / heat detection
Dimension	Height 1.5 in. X Diameter 1.23 in. (34 mm x 30 mm)
Battery type	3V CR2450 button battery
Detecting range	20 ft. (4 m) x 170°
Wireless range	250 ft. (75 m) in an open area
Time interval between 2 detections	5s
Low power alert (Yes or No)	Yes
Waterproof (Yes or No)	No
Rotation angle	360 degree (with mount bracket)
Operating current	4 uA (standby) 10 mA (Transmitting)
Operating voltage	3V DC
Radio transmitting frequency	433.92 MHz ± 200 KHz
Working temperature	14 °F ~ 122°F (-10°C ~ +50°C)
Working humidity	≤85%

8. WARRANTY & TECHNICAL SUPPORT

WARRANTY:

Simpl Technology warrants its Wander Alert products to be free of defects in material and workmanship twelve (12) months from the date of purchase. Within the Warranty Period, the warranty is limited to the repair or replacement of defective parts only at the discretion of Manufacturer. The warranty may be void if the smpl™ Wander Alert product is damaged or destroyed as a result of one or more of the following: wilful abuse or neglect; modification of the unit; using alternative power supplies to that provided/ recommended; use of organic solvents, strong acids or petroleum-based solvent/ammonia.

COMPLIANCE:

Operation is subject to the following three conditions: 1) This device may not cause harmful interference. 2) This device must accept any interference received, including interference that may cause undesired operation. 3) Changes or modifications to the electronics in the device by an unauthorized dealer or technician will void the warranty.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TECHNICAL SUPPORT: DO NOT RETURN UNIT TO RE-SELLER.

Please call 1-833-237-4675 or email support@smpltec.com. For WARRANTY SERVICE, contact us first.

USA: Simpl Technology, 340 Royal Poinciana Way, Suite 317/317, Palm Beach, Florida 33480.

CANADA; 200 Vinyl Ct. 2'nd Floor Woodbridge, ON L4L 4A3.