smpl. Alerts User Guide

Welcome to smpl

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

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

MOTION ALERT
- 1 motion sensor (with bracket attached)   731069
- Adhesive tape for backside of motion sensor bracket (optional)
- 2 screws and 2 plugs (optional mounting of sensor/bracket)
- 1 pager
- 1 belt clip
- 1 small 'star' screwdriver
- 1 button cell battery installed in motion sensor
- 2 x AAA batteries not included

HELP PENDENT
- 1 help pendants with removable neck strap
- 1 pager
- 1 small 'star' screwdriver
- 1 button cell battery installed in help pendant
- 2 x AAA batteries for pager not included

SAFETY ALERT KIT
- 1 help pendant sensor with removable neck strap
- 1 motion sensor
- 1 door sensor
- 1 pager
- 1 small 'star' screwdriver
- 3 button cell batteries installed in 3 sensors
- 2 x AAA batteries for pager not included

DOOR SENSOR ADD-ON
- 2-piece door sensor (transmitter & magnetic stripe),   731070
- Adhesive tape pre-installed on backside of Door Sensor and Magnet
- 1 button cell battery installed

MOTION SENSOR ADD-ON
- 1 motion sensor   731056
- 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)

HELP PENDANT ADD-ON
- 1 help pendant with removable neck strap   731057
- 1 small 'star' screwdriver
- 1 button cell battery installed in help pendant
- 2 x AAA batteries for pager not included

PAGER ADD-ON
- 1 pager
- 1 belt clip
- 1 small 'star' screwdriver
- 2 x AAA batteries not included

2. OVERVIEW

smpl Alerts™ is a simple, complete and expandable home or business alert system.

smpl Sensors transmit Radio Frequency (RF) infraction signals to smpl Pagers up to 250 ft. (75m). Indoors or outdoors (see Fig 1)
- One sensor can signal multiple pagers.
- Up to 20 sensors can trigger each pager.
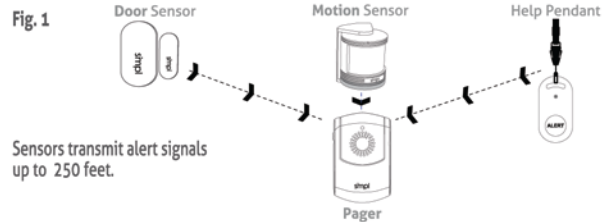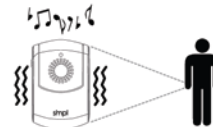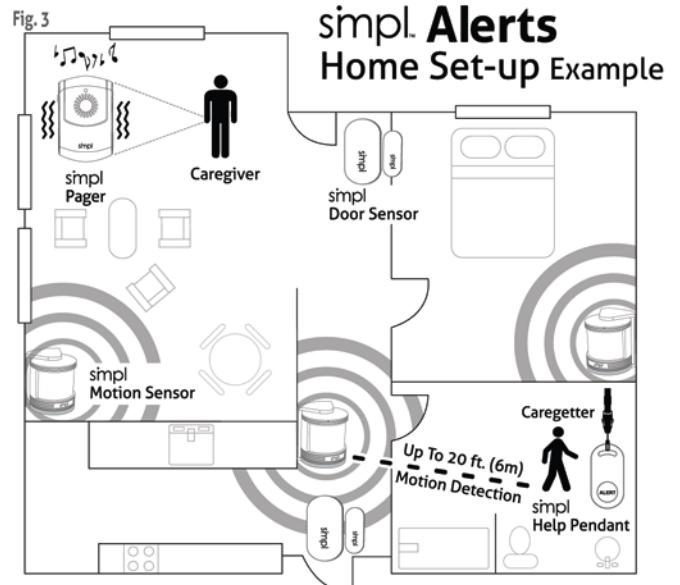- Only Motion and Door Sensors are not water resistant. (indoor installation only)

Fig. 1

Sensors transmit alert signals up to 250 feet.

Fig. 2

Portable pager is with you when you need it.

Increase monitored points and alarm locations with additional Sensors and Pagers for increased safety. (see Fig 3) →

Fig. 3

smpl. Alerts Home Set-up Example

smpl Pager — Caregiver — smpl Door Sensor — smpl Motion Sensor — Up To 20 ft. (6m) Motion Detection — Caregetter — smpl Help Pendant

Please note that this instruction manual includes information on the entire range of SMPL pagers and sensors. The specific kit or combination which you purchased may or may not include all of the different accessories listed in this comprehensive manual.

Important Tips

- Sensors (transmitters) signal range to the Pager (receiver) is 100-250 ft. (30-75m) inside or outside the home (front/backyards or neighbors house), depending on the structure and size of the residence, business or warehouse.
- 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 the same or different pager alert melodies or volume settings.
- Purchased in kits, Sensors and Pagers are paired (wirelessly connected) right out of the box. To change the Pager alert sound or volume settings, see section 5: Pairing Sensors to Pagers.
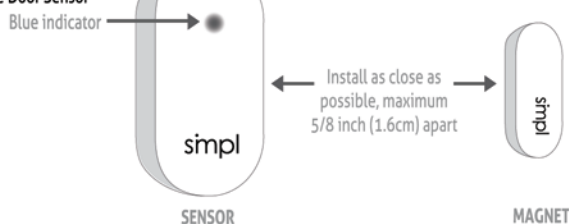
1. Door Sensor Installation

Familiarize
Receive Pager alerts when a monitored door, cabinet, cupboard, window or gate is opened. Door Sensors are designed for indoor use. Steel or iron metal doors may cause signal interference. In those cases, use a 1/2 wooden spacer between both door/door frame & sensor/magnet.

Fig. 3
2 piece Door Sensor

Blue indicator

Install as close as possible, maximum 5/8 inch (1.6cm) apart

smpl

SENSOR

MAGNET

Test and Install
Before installation, please test the alignment on the door (cabinet, window, etc.) you identified to monitor. Please follow the simple steps below for headache-free installation.

(1) Remove the battery tab from the sensor. (2) Peal off the oval shaped double sided-tape (pre-installed on back of the magnet and sensor) (3) Close the door before you start. Install the Sensor & Magnet as high on the door and door frame as you can comfortably reach (minimum 3.5 ft form floor). Since you may need to adjust positioning slightly, start by pressing them on lightly. Now align and center the sensors less than than 3/4 inch apart. There is no right side up for either Magnet or Sensor. See Fig. 3 & 4. If the door or the frame is not a flat surface see Fig. 6 below. (4) Successful positioning is determined by noticing a the blue light indicator on the surface of the door sensor when the door (cupboard or window) is opened. If so, you're ready for final installation by firmly pressing both the Magnet and the Sensor for 10 seconds in place. If not, try repositioning the Sensor and Magnet closer together. You need to wait 5 seconds between triggers (re-opening door). Please see the Troubleshooting section at the end of this guide if the blue indicator light is not flashing.

Fig. 4
Magnet and sensor less than ⅝ inch apart

Fig. 5

Fig. 6
Sometimes door frames are not flat. The solution is to position the Magnet firmly as possible on the curved surface ensuring it is less than 5/8 inch apart from the Sensor.

2. Motion Sensor Installation

Familiarize
Receive Pager alerts when **smpl** Motion Sensors detect movement within a 20 ft. detection range. Installation locations include hallways, bedrooms, basements, attics, covered swimming pool or hot tub decks or any area you want to monitor movements.
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.

Fig. 7
SENSOR   BRACKET   Blue light indicator

Fig. 8
Top view of motion sensor beam

20 ft (6m)

110°

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.

- Sensitivity of movement detection is based on the direction of moving object. Motion sensor should be installed so its beam faces a cross passage of a moving object. See Fig. 9 below.
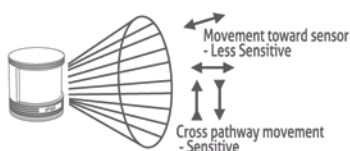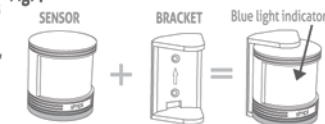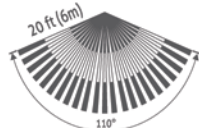
Fig. 9

Movement toward sensor - Less Sensitive

Cross pathway movement - Sensitive

- 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, test for movement detection. Please follow the simple steps below for headache-free installation.

1. Remove battery tab from the sensor.
2. Mount generally in two locations:
   a) Any room (positioned on a wall to best detect cross pathway movement)
   b) Hallway/area (on wall across form a monitored room exit). See Fig. 11
   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
3. Determine installation method. The double-sided tape method is recommended (included). See 'Alternative Installation Methods' below.

Fig. 10
Door
Room Wall-mounted installation
Cross pathway direction

Fig. 11
Hallway wall-mounted installation
Cross pathway direction

4. Using the included double sided installation method, firmly attach the sticky pad on the back of the sensor bracket (Fig. 15) by pealing one side of the tape. Now peal the other side and *very lightly* press the sensor (in case you need to adjust) 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 rotates inside the bracket to help point the sensor in the direction of the cross passageway.

5. 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. Please wait 5 seconds between triggering when testing. If the light flashes, now you're ready for final installation. Firmly press the motion sensor with bracket 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.
Please prepare an electric drill, Phillips screwdriver and slotted screw driver 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.
(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.

3. Help Pendants

Familiarize
Pressing the white ALERT button sends alert signals to the Pager. Place the Help Pendant around the neck using the pre-installed neck strap, or detach the neck strap (Fig. 12) and place the FOB in a pocket or on a table near the user. The Help Pendant and neck strap are water resistant. They can hang in a shower or be exposed to light rain, but not exposed to direct water pressure or submerged in water.

Fig. 12
squeeze here to detach
ALERT

Test
Test the transmission distance from the Help Pendant to the Pager in your home or work environment. First, carefully remove the battery tab. Estimate where the Pendant user may be situated in and around the area where they may need help. Now, estimate the furthest distance where the Pager user would potentially be situated. Now test for Pager alerts by having the Pendant user press the white ALERT button.

Note: The Help Pendants' red LED will light up when the ALERT button is pressed. If you do not see the light indicator, please see the Troubleshooting section at the end of this guide.
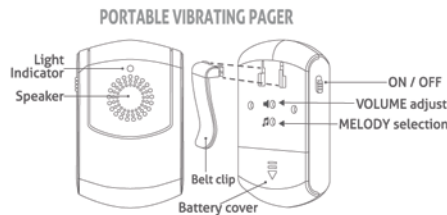
4. PAGER

Familiarize
Pagers can be clipped on a belt, fit in your pocket, placed on a table or even wall mounted.

Pagers have 3 functions:
ON/OFF, VOLUME and MELODY. See Fig.13

Fig. 13

PORTABLE VIBRATING PAGER

- Light Indicator
- Speaker
- Belt clip
- Battery cover
- ON / OFF
- VOLUME adjust
- MELODY selection

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 1 of 4 volume levels. Using the enclosed miniature screwdriver, press the inset Volume Adjust button (See Fig 13) repeatedly for the desired volume level.

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. 13)

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 pager(s) as it covers/protects the two inset control buttons, VOLUME and MELODY.

5. PAIRING SENSORS TO PAGERS

smpl Alerts Add-On device purchased separately - refer to the steps below for pairing.
smpl Alerts kits (Sensor(s) plus Pager) - paired out of the box. However you can change the volume and/or melody by following steps 1 and 2.

Note: Pairing requires triggering the sensor quickly, so ensure you are located close to the sensors, whether they are installed or not.

Pairing is composed of two main steps; selecting the melody and volume followed by the pairing.

1. Select the Melody and Volume:
   • Turn on Alarm
   • Select your desired melody to pair to a particular sensor, by pressing the MELODY selection button (♫) repeatedly. See Fig 13.
   • Select one of four volume levels by pressing the inset VOLUME adjust button (🔊) repeatedly. See Fig. 13.
   Note: Different or the same melody can be selected for multiple sensors or help pendants.

2. Pairing:
   • Set the pager into pairing (learning) mode by pressing the volume button (🔊) for 5 seconds until you hear a short chirp sound. Now you have only 5 seconds to trigger the sensor you are pairing.
   • If triggered within 5 seconds successfully, you will immediately hear the melody and volume level you selected in step 1. If you hear a different melody than you selected, (or no melody) repeat steps 1 and 2.

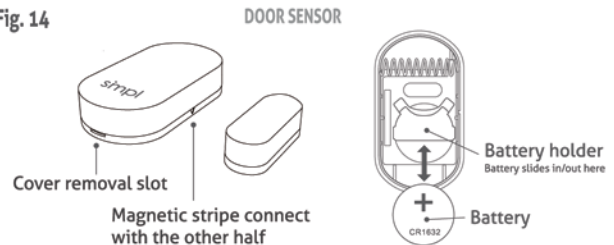## 6. SENSOR BATTERY REPLACEMENT (Low Battery Indicators)

Door and Motion Sensor Low Battery Indicator
In normal status mode, the indicator briefly lights up in blue when triggered. In a low battery state, the light changes to red.

Door Sensor Battery Replacement (button cell battery CR1632, 3V)
a) Access the battery by gently prying open the bottom cover of the sensor. See fig. 14.
b) Slide out the battery by gently pushing to dislodge it form the battery casing. You made 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

DOOR SENSOR

- Cover removal slot
- Magnetic stripe connect with the other half
- Battery holder
- Battery slides in/out here
- Battery
- CR1632

Motion Sensor Battery Replacement (button cell battery CR2450, 3V)
a) Remove mounting bracket from sensor carefully by slowly prying it off.
b) Open bottom grey battery cover by twisting it 1/4 inch counter-clockwise
c) 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.
d) Replace the battery (turn clockwise 1/4 inch) and mount on bracket carefully/slowly.

Fig. 15

MOTION SENSOR

- Small stuck point
- Battery
- CR2450
- Detector
- Holes for mounting
- Battery cover (twist off)
- Anti-skid ring
- Large stuck point
- Mounting bracket

Help Pendant Low Battery Indicator
In normal status mode, the indicator briefly lights up in red when the ALERT button is pressed. In a low battery state, the red indicator light will be weaker.

Help Pendant Battery Replacement (button cell battery CR2032, 3V)
a) Access the battery by prying open the bottom section of the transmitter from the cover removal slot. See fig. 16
b) Slide out the battery by gently pushing to dislodge it form the battery casing. You made 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 'CR2032' should be facing up.
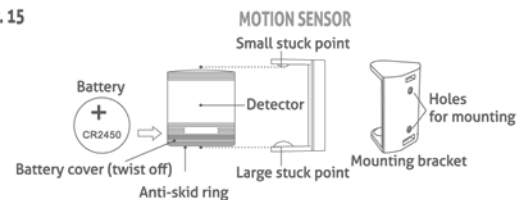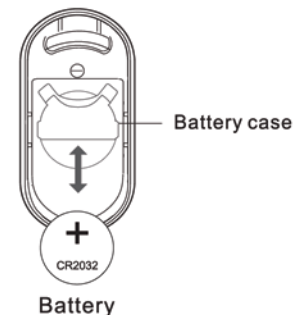
Fig. 16

- Battery case
- Battery
- CR2032

Pager Low Battery Indicator
In normal status mode when the Pager receives a signal, the red indicator will light up and audible sounds are heard. In the low battery state, both the red indicator light and the audible sound will be weaker.

Pager Alert (2 x AAA batteries)
a) Access the battery by sliding off the Battery Cover (see Fig. 13 above)
b) Replace the 2 x AAA batteries correctly

7. TROUBLESHOOTING

Door Sensor

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

Reason 1: 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 2: The door and/or frame is made of, or contains, certain metals which interfere with Sensors Radio Frequency.*Solution:* Use smpl Motion Sensors for these areas.

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

Help pendants

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

Reason 1: Battery issue. *Solution 1:* Access the pre-installed battery and ensure it is securely in place inside the battery holder. See Fig. 16 *Solution 2:* Low power alert – red LED light is weaker than normal or dead and requires replacement. Refer to 'Help Pendant/Battery Replacement' section of this guide.

Reason 2: The Help Pendants 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 form 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.

8. 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 (6-12 months)
Wireless range	100 - 200 ft. (30-60m) in average home
Installation gap and height	≦0.4 inch≧3.5 feet
Low power alert (Yes or No)	Yes (red indicator light)
Waterproof	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%

Pager

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	100 - 200 ft. (30-60m) in average home
Audible range	100 ft (30 m) in an open area
Volume range	25-100 dB, 4 levels
Selectable melodies	52
Low Power Alert	Yes (TBC!!!)
Expandable	Yes
Radio transmission 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 installed (6-12 months)
Detecting range	20 ft. (4 m) x 170°
Wireless range	250 ft. (75 m) in an open area
Time interval between 2 detections	5 seconds
Low power alert	Yes (red indicator light)
Waterproof	No (not for outdoor use)
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%

Help pendant

Key functions	When ALERT button pressed it sends alert to Pager
Dimension	Height 2.25 in. X Width 1.25 X 0.25 Thick (5.7 cm X 3.2 x 0.5)
Battery type	3V CR2032 button battery installed
Wireless range	250 ft. (75m) in open area, 100-200 ft. (30-60m) in average home
Low power alert (Yes or No)	Red LED light becomes weaker
Water Resistant	Yes for light water spray but not a direct water spray on device
Radio transmission frequency	433.92MHz +/- 200 KHz
Volume	25- 110 dB
Power consumption	0.1W
Operating voltage	3V DC
Operating current	1 uA (standby) 50 mA (Transmitting)
Working temperature	-4 F – 122 F (-20▨~+50▨)
Working humidity	≦85%

9. 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. Simpl Technology LLC or any of its dealers does not recommend any of our Wander Alert devices replaces visual monitoring of caregetters, or that they will ensure no wandering outside or in unsafe areas or falls, but the devices can be used to augment a caregiver management program.

TECHNICAL SUPPORT: DO NOT RETURN UNIT TO RE-SELLER.
Please call 1-833-237-4675 x1 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; 100 Hanlan Rd. Unit # 3, Woodbridge ON L4L 4V8.