

Home Care
DoorAlert LT System

INSTALLATION & OPERATION

The DoorAlert LT System is easy to set up and is designed to assist carers to prevent dangerous wandering by (typically) dementia sufferers in a home environment.

- Fast and simple installation and setup.
- This system only detects the monitored person. Alarms are not triggered by pets and other household members.
- Can be used with an electronic door lock to prevent egress.
- Flexibility - the system can be configured in a variety of ways and can be expanded to use additional alarm devices.

INTRODUCING
DoorAlert LT System

DoorAlert LT provides reliable alarm protection to help carers who are concerned about egress by potential wanderers .

Typical Configuration and Usage

The system allows members of a household to come and go through a door but an alarm is triggered if a monitored person is detected within the proximity of an open door.

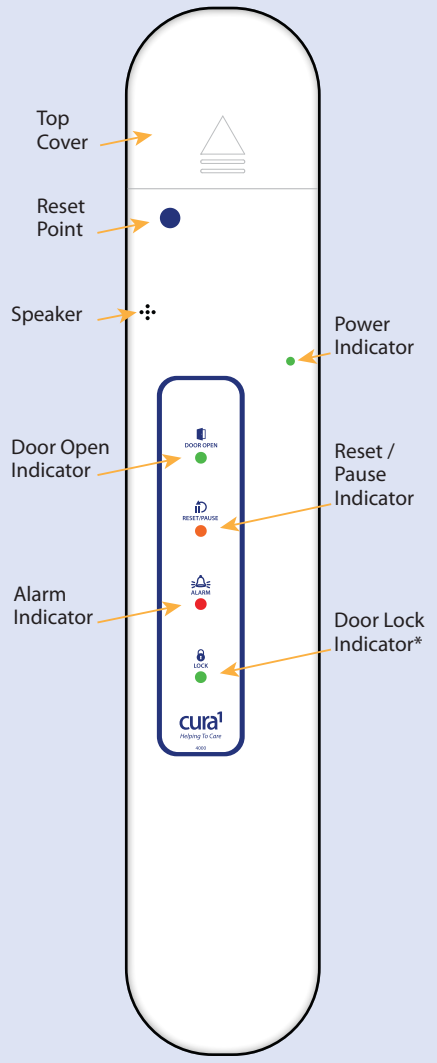
When an alarm is triggered the **"ALARM"** and **"RESET/PAUSE"** indicator lights will flash red and the Monitor emits three consecutive beeps which repeat continuously until the Monitor is reset.

Advanced Configuration Possibilities*

Your DoorAlert LT can be configured to work with a variety of equipment such as electronic door locks and external alarms.

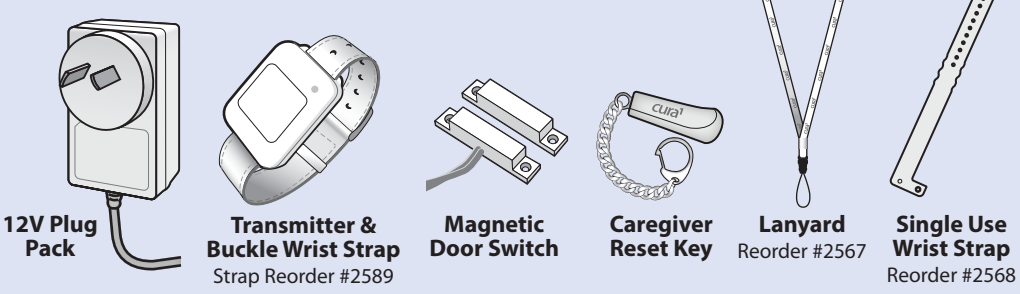
If you would like to explore alternative or expanded configurations then please contact cura[1] for additional set up and configuration instructions and equipment options.

*Requires aditional optional equipment eg. an electronic lock (not included).



WHAT'S IN THE BOX?

DoorAlert LT Monitor



12V Plug Pack

Transmitter & Buckle Wrist Strap
Strap Reorder #2589

Magnetic Door Switch

Caregiver Reset Key

Lanyard
Reorder #2567

Single Use Wrist Strap
Reorder #2568

Step 1
INSTALLATION

Hang DoorAlert LT near the Door

DoorAlert LT has a selectable detection zone of 0 - 5 metres. It is recommended that the Monitor be mounted as close as possible to the door.

Hang Horizontally or Vertically

The Monitor can be hung either horizontally or vertically. It is recommended to install it at eye level or higher on the door handle (opening) side of the door.

For vertical hanging use two screws (with a head size less than 7 mm) exactly 230 mm apart, or 120 mm for horizontal hanging.

Hint - instead of measuring the distance between mounting holes, place an A4 sheet of paper on the back of the Monitor and carefully trace the mounting holes onto the paper. Position the paper on the wall to use as a template for the fixing the screws into position.

Tamper Proof Hanging (Optional)

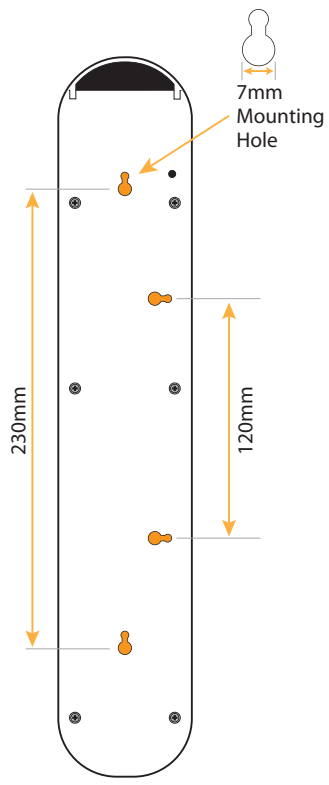
For a more sturdy fixture you can also screw the Monitor firmly to the wall by utilising the Wall Tamper Screw Hole.

Remove the Top Cover of the Monitor by removing the Cover Screw with a Phillips head screwdriver and sliding the Top Cover up to reveal the Wall Tamper Screw Hole.

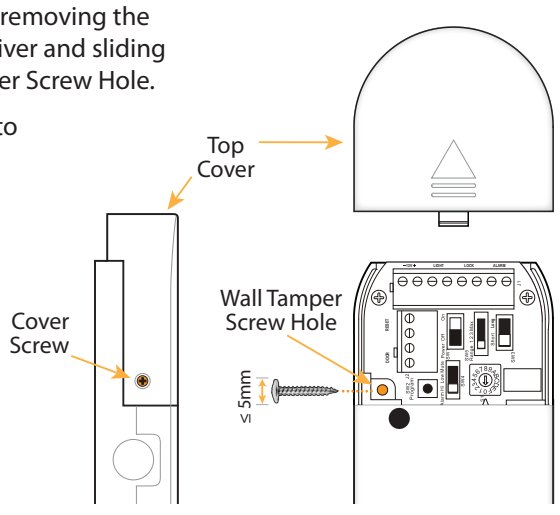
Use a screw with a head size of 4 - 5 mm to fix the Monitor firmly to the wall.

Note that screws with a head size greater than 5 mm will be difficult to use without removing the PCB from its case (not recommended).

Leave the Top Cover off for now so that you can connect the power supply and Magnetic Door Switch.



Rear View



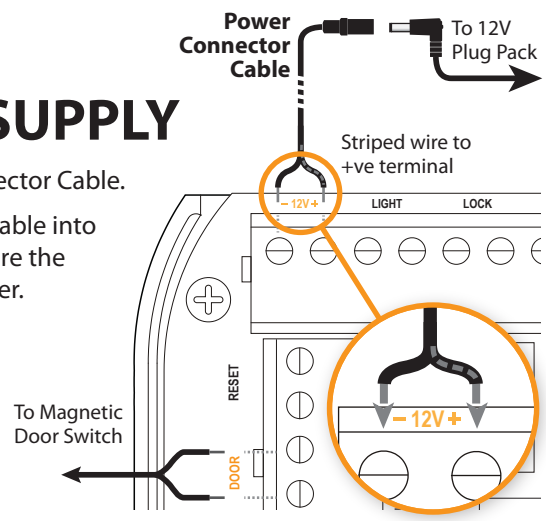
Side View **Top Cover Removed**

Step 2
CONNECT POWER SUPPLY

Plug the 12V Plug Pack into the Power Connector Cable.

Insert the wires from the Power Connector Cable into the Monitor terminals marked "- 12V +". Secure the connections with a small flat head screwdriver.

IMPORTANT - Connect the plain black wire to the "-" terminal and the **striped wire to the "+" terminal**.

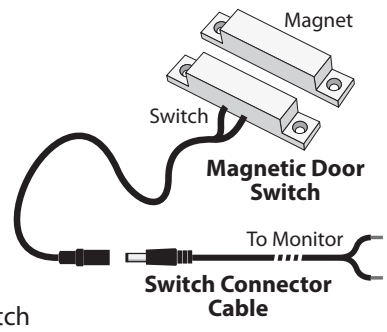


Step 3
INSTALL MAGNETIC DOOR SWITCH

The Magnetic Door Switch informs the system whether or not the door is open.

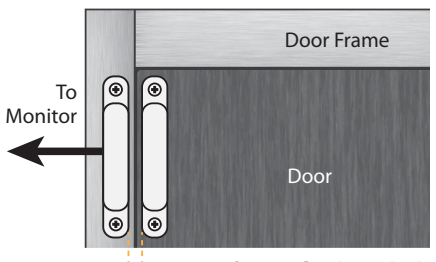
Fix the Magnetic Door Switch to the door and frame as illustrated below, with the switch element fixed to the door frame and the magnet element fixed to the door at the opening end of the door (not the hinged end).

Position the switch elements so that they do not touch but are within 3mm of each other when the door is closed.

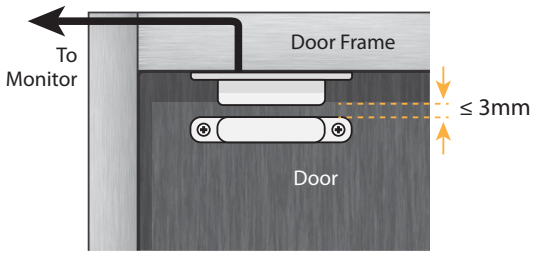


Plug the Magnetic Door Switch cable into the supplied Switch Connector Cable. Insert the wires from the Switch Connector Cable into the two terminals marked "DOOR" and tighten with a small flat head screwdriver.

When finished, slide the Top Cover back on and secure it with the Cover Screw.



Door frame flush with door.

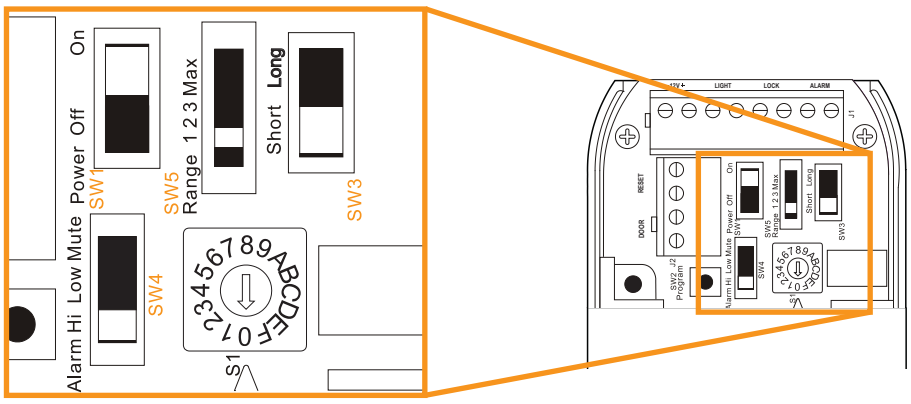


Door frame overhangs door.

PTO for Step 4 & 5

Step 4
CONFIGURATION

The Monitor is shipped with default settings that should be suitable in most situations but please check that they are suitable for you.



Main configuration switches.

Turn On the Monitor

Ensure that the **SW1** (**Power**) switch is in the "**ON**" (default) position and that the 12V Plug Pack is plugged into a 240V AC outlet and switched on.

Set the Detection Range

Use the **SW3** (**Short Long**) switch with the **SW5** (**Range 1 2 3 Max**) switch to adjust the detection distance. The default setting for **SW1** is "**Short**" and for **SW5** it is "**1**".

Initial testing is essential. The detection distance can vary depending on the orientation of the Monitor as well as how the Transmitter is worn - on wrist, as pendant or clipped onto the back of clothing.

See the adjacent table for typical detection distances however please be sure to conduct your own test so that the Monitor is set appropriately for your unique circumstance.

		SW3			
		Vertical Monitor		Horizontal Monitor	
		Short	Long	Short	Long
Range (SW5)	1	1m	2.5m	0m	2.5m
	2	1.5m	3m	1m	3.5m
	3	2m	3.5m	1.5m	4.5m
	Max	2.5m	4m	2m	5m

Table of approximate detection distances.

Set the Alarm Volume

Slide the **SW4** (**Alarm)** switch between "**Hi**" (default), "**Low**" and "**Mute**".

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Step 5
OPERATION

Test the System

With the door open, slowly bring the transmitter close to the Monitor and check that the alarm is activated at the desired distance.

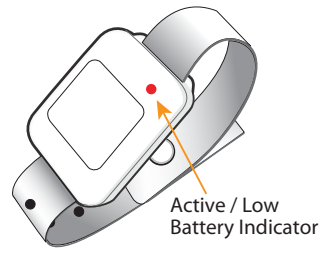
To test the system without activating the alarm, repeat the above with the door closed and note when the "**Lock**" indicator illuminates green.

Attach Transmitter

Attach the Transmitter to the person requiring monitoring. The Transmitter can be:

1. Worn as a wristband (supplied) or pendant.
2. Placed in a pocket.
3. Clipped to clothing.

The supplied secure Single Use Wrist Straps can be removed by cutting with scissors. Also note that the Transmitter can be worn in the shower when Single Use Wrist Straps are used.



Transmitter with secure wristband

Transmitter Low Battery

If the Transmitter battery life is low when the Transmitter is within range of the Monitor then the Transmitter's LED will flash rapidly for three seconds and then cease flashing.

The transmitter is extremely efficient and is guaranteed for at least one year of usage.

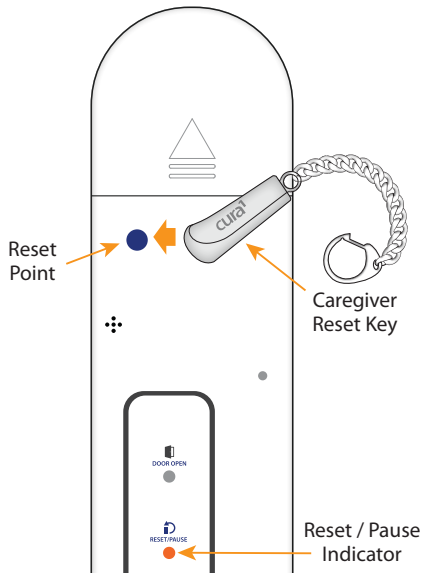
Reset After Alarm

Reset the Monitor after an alarm by touching the Reset Key to the Reset Point. The Reset Point is indicated by a blue dot on the front of the Monitor.

Escort Mode (Pause)

Escort Mode allows a monitored person to pass through a protected door without activating an alarm.

To activate Escort Mode, touch the Caregiver Reset Key on the Reset Point. The "**Reset / Pause**" indicator illuminates orange and the system is paused for 75 seconds.



cura[1]
Home Care Alarms

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