

BT Home Monitor Movement Detector VP

Installation and User Guide



Introduction

The BT Home Monitor Movement Detector will sound the alarm when movement is detected in a room. It links wirelessly to the BT Home Monitor VP1000 security system, so you and nominated contacts will receive an alert, wherever you are, via telephone, text message and e-mail*.

You can have up to 28 wireless accessories registered with the Control Panel. Two Movement Detectors are already supplied as part of your BT Home Monitor VP1000, so more can be added, allowing you to expand your system to suit the needs of your home.

Movement Detectors are pet smart, which means they will ignore domestic cats and dogs up to a weight of 36kg (providing they remain below a height of 1m). The maximum coverage range is 12m x 12m.

Inside The Box

- 1 Wireless Movement Detector (Battery Included)
- Mounting Equipment
- Installation Guide

Before You Begin

Be sure you have set up your BT Home Monitor VP1000 system according to the instructions shown in the main User Guide.

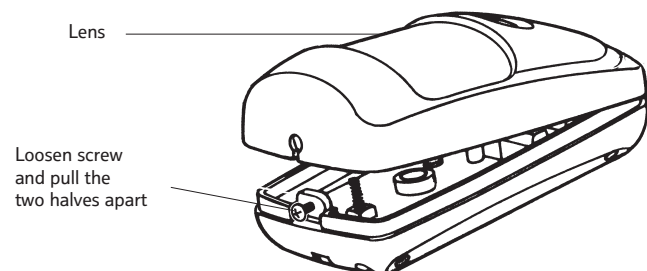
Before you proceed, check that your Control Panel says BT HOME MONITOR or READY. If it does not, please consult the troubleshooting section of the main User Guide.

Note that only the MASTER CODE owner can add an accessory.

Installation

To add a new Movement Detector, follow these instructions.

Step 1 – Activate The Battery









1. Remove front cover using a screwdriver.
2. Remove the red tag from the battery.
3. Check that the LED flashes.
4. Replace the cover and tighten the screw.

Step 2 – Register The Movement Detector

1. First, register the sensor with the Control Panel.

Cover the lens of your Movement Detector with a piece of paper to prevent the detector from prematurely sending signals to the Control Panel.

At the Control Panel, follow these instructions.

PRESS	DISPLAY
NEXT 	Until the display shows SYSTEM PROFILE.
SHOW / OK 	Enter your MASTER CODE – if you have not selected a personal PIN number, this will be the default setting – 2580.
NEXT 	Until display shows ADD / DEL SENSOR.
SHOW / OK 	Display shows SENSOR NO:-- Enter the Sensor number you want e.g. 4, or press NEXT to find the next available Sensor location. As the BT Home Monitor has three Sensors supplied, numbers 1, 2 and 3 are already taken and a black box ■ will appear next to the number signifying that the slot has been taken. You can add additional Sensors from the number 4 slot onwards.
SHOW / OK 	Display shows ADD / DEL SENSOR.
SHOW / OK 	Display shows ACTIVATE NOW. Trigger the Sensor by removing the paper covering the lens and moving your hand in front of the Sensor.
	Display shows S (number): and a black box is displayed. The sensor is now registered.

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2. Now select the Response Type, which is the way your sensor will react when triggered. The recommended options for a Movement Detector are detailed below:

- **HOME** – It is possible to turn your system on when you are at home, to protect people inside. This is called **ON HOME**. Any sensor which needs to remain dormant to ignore people in home mode should be called **HOME**.
- **HOME & HOUSE** – Any sensor which needs to be fully active in all **ON** modes should be called **HOME & HOUSE**.
- **WALK-THRU** – Assign this type if you need the sensor to remain dormant when you are entering and exiting your home i.e. when the entry and exit delay beeps are sounding.

PRESS	DISPLAY										
SHOW / OK	Display shows S (number): RESPONSE.										
SHOW / OK	Choose by scrolling through the following options. For more detail on how these options work please refer to Section 3 of the main User Guide.										
NEXT	<table border="0"> <tr> <td>1. Home</td> <td>6. Help Silent</td> </tr> <tr> <td>2. Home & House</td> <td>7. Alarm</td> </tr> <tr> <td>3. Walk-Thru</td> <td>8. Fire</td> </tr> <tr> <td>4. Entry 1</td> <td>9. Non-Alarm</td> </tr> <tr> <td>5. Entry 2</td> <td>10. Emergency</td> </tr> </table>	1. Home	6. Help Silent	2. Home & House	7. Alarm	3. Walk-Thru	8. Fire	4. Entry 1	9. Non-Alarm	5. Entry 2	10. Emergency
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3. Walk-Thru	8. Fire										
4. Entry 1	9. Non-Alarm										
5. Entry 2	10. Emergency										
SHOW / OK	To confirm the change.										

3. Now name the room in which the detector is to be located.

PRESS	DISPLAY												
	Display shows S (number): LOCATION.												
SHOW / OK	You need to choose from the following list of locations.												
NEXT	Scroll through these options.												
	<table border="0"> <tr> <td>1. Attic</td> <td>7. Conservatory</td> </tr> <tr> <td>2. Back Door</td> <td>8. Play Room</td> </tr> <tr> <td>3. Basement</td> <td>9. Dining Room</td> </tr> <tr> <td>4. Bathroom</td> <td>10. Downstairs</td> </tr> <tr> <td>5. Bedroom</td> <td>11. Emergency</td> </tr> <tr> <td>6. Child Room</td> <td>12. Fire</td> </tr> </table>	1. Attic	7. Conservatory	2. Back Door	8. Play Room	3. Basement	9. Dining Room	4. Bathroom	10. Downstairs	5. Bedroom	11. Emergency	6. Child Room	12. Fire
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- | | |
|-----------------|------------------|
| 13. Front Door | 23. Study |
| 14. Garage | 24. Upstairs |
| 15. Garage Door | 25. Utility Room |
| 16. Guest Room | 26. Garden |
| 17. Hall | 27. Custom 1 |
| 18. Kitchen | 28. Custom 2 |
| 19. Laundry | 29. Custom 3 |
| 20. Living Room | 30. Custom 4 |
| 21. Master Bath | 31. Custom 5 |
| 22. Master Bdrm | |

Please refer to the main User Guide for information on recording Custom Locations.

SHOW / OK



To confirm the change.

4. Now decide if you want the sensor to make a sound when triggered, when the system is switched off.

One useful application is to configure a sensor near your front door to **CHIME** when movement is detected, so you know when someone has entered your house.

Note that the Chime function must be activated by pressing the number 8 button on the Control Panel keypad.

PRESS	DISPLAY			
SHOW / OK	Display shows S (number): CHIME.			
NEXT	Choose by scrolling through the following options.			
	<table border="0"> <tr> <td>1. Chime Off</td> </tr> <tr> <td>2. Melody Chime</td> </tr> <tr> <td>3. Sensor Name</td> </tr> </table>	1. Chime Off	2. Melody Chime	3. Sensor Name
1. Chime Off				
2. Melody Chime				
3. Sensor Name				
SHOW / OK	Display shows SENSOR NO (number): <i>Choose either:</i>			
NEXT	To move to the next sensor. <i>Or</i>			
HOME	Three times, then <OK> to exit to return to READY .			

Please remember to update your personal online account with this information so that your monitoring service can report information accurately.

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Step 3 – Position The Movement Detector

Take some time to determine where you want to position the detectors in your home, for maximum effect. Ideally, detectors should be placed in the most vulnerable rooms, or thoroughfares from key entry points.

If a Movement Detector is in the line of sight of the Control Panel, program the sensor as WALK-THRU ensuring it ignores movement when you are entering and exiting your home. Please refer to the main User Guide Section 5 for more information.

Tips On Effective Positioning:

- Place the Movement Detector on a solid and stable surface between 1.8m to 2.4m (6ft to 8ft) from the ground.
- Do not point at heat sources such as radiators or open fires.
- Place away from direct sunlight.
- Do not install outdoors.
- Avoid positioning in draughts.
- Do not install behind partitions.

Step 4 – Mount The Movement Detector

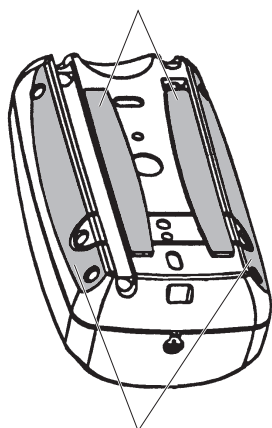
You have a choice of whether to fit the Movement Detector using the screws or adhesive provided.

The detector can be mounted on a flat wall or in a corner.

1. Mounting With Adhesive

If you wish to fix the Movement Detector in place using adhesive tape, decide where you want the detector to be positioned, and ensure the mounting surface is clean.

Position of adhesive for flat wall mounting

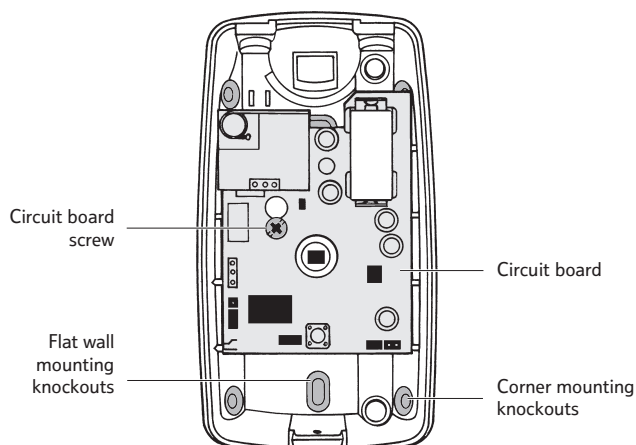


Position of adhesive for corner mounting

1. The adhesive is double sided and has two layers of protective covering in place. Peel back one layer of the protective film and attach the adhesive to the back of the Movement Detector.
2. Peel back the remaining layer of protective film and hold the detector firmly in place against the mounting surface until firmly attached.
3. After fixing the detector in place with the adhesive, the strength of the bond will increase as time passes. 50% of strength will be achieved after leaving for 20 minutes and 100% of strength will be achieved after 72 hours.

2. Mounting With Screws

1. Remove the front cover using a screwdriver.
2. Gently loosen the screw in the middle of the circuit board, slide the circuit board down and remove via the keyhole.
3. Push out or screw through the mounting knockouts in the base.



4. Hold the base against the wall at the selected location and mark the points for drilling. Then drill the holes and insert wall plugs.
5. Attach the bracket to the mounting surface with screws provided.
6. Return the circuit board to the base.
7. Re-attach front cover.

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Step 5 – Test The Detector

Test the coverage area by walking slowly across the detector's field of view. You do not have to turn the system on.

If you have been detected, the LED comes on for about 3 seconds.

Stand still for 5 seconds after each detection to allow the detector to finish sending an alert.

Usage

Sleep Mode






When movement is detected and a signal is sent to the Control Panel the Movement Detector will go into SLEEP mode for 90 seconds to save battery power. Once the duration of the SLEEP mode has passed, the detector will be in ready mode again as long as it has not been disturbed.

Tamper

The Movement Detector has an anti-tamper device, so if the cover is removed while the BT Home Monitor system is switched on, a TAMPER message will be sent to you.*

Deleting A Movement Detector

You may at some point decide you do not wish to use one or more of your wireless sensors. To delete a Movement Detector from the Control Panel, follow these instructions.

PRESS	DISPLAY
NEXT 	Until the display shows SYSTEM PROFILE.
SHOW / OK 	Enter your MASTER CODE – if you have not selected a personal PIN number, this will be the default setting – 2580.
NEXT 	Display shows ADD / DEL SENSOR.
SHOW / OK 	Display shows SENSOR NO:-- Enter the Sensor number for the sensor you wish to delete e.g. 04, or press NEXT to scroll through the list.
SHOW / OK 	Display shows <OFF> TO DELETE.



Display shows SENSOR NO: (number). Choose either:

NEXT



To move to the next sensor. Or



Three times then, <OK> to exit to return to READY.

You may also wish to remove the battery.

Please remember to update your personal online account with this information so that your monitoring service can report information accurately.

Maintenance

Low Battery Warning

The Movement Detector is powered by a 3V lithium battery which will last up to 2¹/₂ years. When the Movement Detector battery is running low the Control Panel will have the message SENSOR LOW BATTERY on its display and the CHECK indicator will light.

Replacing The battery

1. Remove the front cover using a screwdriver.
2. Remove the old battery.
3. Insert the new battery (observing polarity + and -).
4. Check that the LED flashes.
5. Replace the cover and tighten the screw.

Cleaning

Clean with a soft cloth or damp sponge with a mild detergent. Wipe dry immediately. Do not submerge in water and do not use abrasives or solvents.

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Support

For further assistance

If you need further information, please refer in the first instance to the main BT Home Monitor VP1000 User Guide.

Alternatively, BT advisors are on hand to assist – 24 hours a day, 7 days a week.

Telephone: **0870 240 1979**. Call charges will apply.

Or email: bthomemonitoring-support@bt.com

Important Information

Product Information

Wireless systems are reliable and tested to high standards. However, due to their transmitting power and range, there are some limitations to be considered:

- Receivers may be blocked by radio signals occurring on or near operating frequencies, regardless of the code selected.
- A receiver can only respond to one transmitted signal at a time.
- Wireless equipment should be tested regularly to determine whether there are sources of interference and to protect against faults.

Specifications

Maximum

Coverage Range: 12m x 12m (40ft x 40ft) / 90°.

Pet Tolerance: Animals up to 36kg (80lb)

Battery: 3V Lithium Type CR-2 or equivalent.

Nominal

Battery Capacity: 750mA.

Standby

Current Drain: 0.015mA.

Transmitter

Current Drain: 20mA (including LED).

Battery Life

Expectancy: 2½ years (for typical use)

Battery

Supervision:

Automatic reporting of battery status with each alarm and with periodic supervision message.

Alarm Period:

3 seconds

Visual Indications:

LED lights for 3 seconds upon transmission of alarm and tamper messages and upon each motion detection in the walk test mode.

LED flashes during the power-up stabilisation period, or after pressing tamper switch.

LED does not flash upon transmission of supervision messages.

Wireless

Frequency (MHz): 868.95.

Transmission

Sequence:

3 data bursts at variable intervals within 3 seconds.

Encoding:

24-bit ID, over 16 million possible combinations.

Total Message

Length:

36 bits.

Tamper Alert:

Reported when a tamper event occurs and in any subsequent message, until the tamper switch is pressed.

Supervision

Message:

Once every 60 minutes.

Height:

Up to 2.4m (6ft to 8ft).

Installation

Options:

Flat surface or corner

RFI Protection:

>30 V/m up to 1000 MHz.

Operating

Temperature:

-10° to 50°C (14° to 122°F).

Dimensions:

117 x 65 x 47mm
(4⁵/₈ x 2⁹/₁₆ x 1⁷/₈ in).

Colour:

Ivory

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BT Guarantee

Your BT Home Monitor Movement Detector VP is guaranteed for a period of 12 months from the date of purchase. Subject to the terms listed below, the guarantee will provide for the repair of, or at BT's or its agent's discretion the option to replace the BT Home Monitor Movement Detector VP, or any component thereof, which is identified as faulty or below standard, as a result of inferior workmanship of materials. Products over 28 days old from the date of purchase may be replaced with a refurbished product.

The conditions of this guarantee are:

- The guarantee shall only apply to defects that occur within the 12 month guarantee period.
- Proof of purchase is required.
- The equipment is returned to BT or its agent as instructed.
- This guarantee does not cover any faults or defects caused by accidents, misuse, fair wear and tear, neglect, tampering with the equipment, or any attempt at adjustment or repair other than through approved agents.
- This guarantee does not affect your statutory rights.

Within the 12 month guarantee period:

If your experience difficulty using the product, prior to returning your product, please contact BT Home Monitor Support for assistance **0870 240 1979** – 24 hours, 7 days a week (call charges will apply).

In the unlikely event of a defect occurring, please follow the helpdesk's instructions for replacement or repair.

Outside of the 12 month guarantee period:

If your product needs repair after the guarantee period has ended. We recommend that you call the helpdesk for information.

Instructions for returning the product:

If the helpdesk is unable to remedy your problem they may ask you to return the product to the original point of purchase. Where possible, pack the product in its original packaging. Please remember to include all parts. (Please note that we cannot take responsibility for goods damaged in transit.) Please obtain and keep proof of posting.

Terms and Conditions

For full Terms and Conditions for BT Home Monitoring please visit www.bt.com/homemonitoring

Declaration of Conformity with European Community Directive 1999/5/EC

This product is intended for use within the UK for connection to the public telephone network and compatible switchboards. This equipment complies with the essential requirements for the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC.

The Declaration of Conformity for the BT Home Monitor VP1000 is published on the website: <http://www.visonic.com/bthomemonitor>

*You must have an active subscription to the BT Home Monitoring System to receive alerts.



Offices worldwide

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