

BT Home Monitor Magnetic Contact VP

Installation Guide



Introduction

The BT Home Monitor Magnetic Contact fits to a door or window, and will sound the alarm when unauthorised entry is detected, by the breaking of the contact. 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. One Magnetic Contact is 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.

Inside The Box

- 1 Wireless Magnetic Contact (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

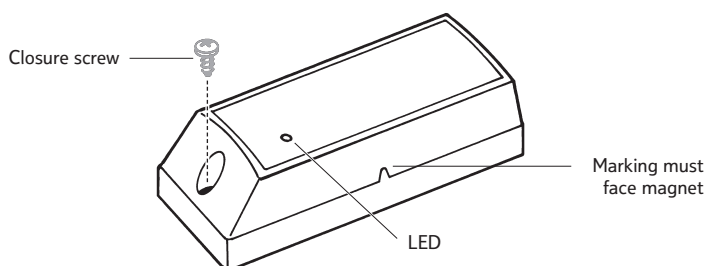
Note that only the MASTER CODE owner can add an accessory.

Installation

To add a new Magnetic Contact, follow these instructions:

Step 1 – Activate The Battery

1. Remove the transmitter cover by unscrewing the closure screw.



2. Gently pull apart the base from the cover.







3. Remove the red tag from the battery and check that the LED flashes.
4. Replace the cover and tighten the screw.

Step 2 – Register The Magnetic Contact

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

It is advisable to keep the two halves of a Magnetic Contact together to stop the sensor from prematurely sending signals to the Control Panel before you are ready to register.

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 moving the magnet away from the transmitter until the LED flashes.
	Display shows S (number): and a black box is displayed. The sensor is now registered.

BT Home Monitor Magnetic Contact VP

Installation Guide



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

- **ENTRY 1 OR 2** – If your detector is placed on a door there are two settings to choose from (as you may have two entry and exit points, which are different distances from the Control Panel). An ENTRY 1 or 2 setting means that the Magnetic Contact will not trigger an alert while the entry and exit beeps are sounding.
- **HOME & HOUSE** – If your detector is placed on a window it should be set as HOME & HOUSE so that it is fully active in all ON modes.

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
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										
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>10. Downstairs</td> </tr> <tr> <td>2. Back Door</td> <td>11. Emergency</td> </tr> <tr> <td>3. Basement</td> <td>12. Fire</td> </tr> <tr> <td>4. Bathroom</td> <td>13. Front Door</td> </tr> <tr> <td>5. Bedroom</td> <td>14. Garage</td> </tr> <tr> <td>6. Child Room</td> <td>15. Garage Door</td> </tr> <tr> <td>7. Conservatory</td> <td>16. Guest Room</td> </tr> <tr> <td>8. Play Room</td> <td>17. Hall</td> </tr> <tr> <td>9. Dining Room</td> <td>18. Kitchen</td> </tr> </table>	1. Attic	10. Downstairs	2. Back Door	11. Emergency	3. Basement	12. Fire	4. Bathroom	13. Front Door	5. Bedroom	14. Garage	6. Child Room	15. Garage Door	7. Conservatory	16. Guest Room	8. Play Room	17. Hall	9. Dining Room	18. Kitchen
1. Attic	10. Downstairs																		
2. Back Door	11. Emergency																		
3. Basement	12. Fire																		
4. Bathroom	13. Front Door																		
5. Bedroom	14. Garage																		
6. Child Room	15. Garage Door																		
7. Conservatory	16. Guest Room																		
8. Play Room	17. Hall																		
9. Dining Room	18. Kitchen																		

- | | |
|------------------|--------------|
| 19. Laundry | 26. Garden |
| 20. Living Room | 27. Custom 1 |
| 21. Master Bath | 28. Custom 2 |
| 22. Master Bdrm | 29. Custom 3 |
| 23. Study | 30. Custom 4 |
| 24. Upstairs | 31. Custom 5 |
| 25. Utility Room | |

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 on your front door to CHIME when it is opened, 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.

BT Home Monitor Magnetic Contact VP

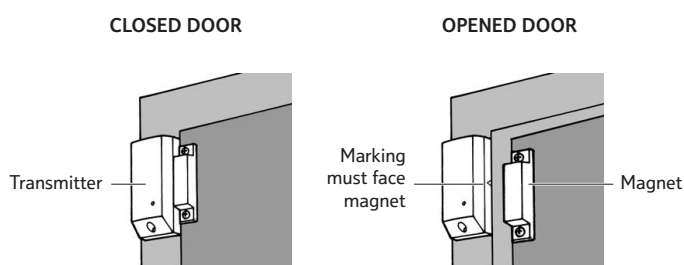
Installation Guide



Step 3 – Position The Magnetic Contact

Tips On Effective Positioning

- Mount the transmitter on a fixed surface such as a door or window frame.
- Mount the magnet on a movable surface such as a door or window.
- The transmitter side marked with a ^ must face the magnet.
- The transmitter and the magnet must be no more than 6mm (0.25") apart.
- Spacers are provided with your Magnetic Contact mounting kit. If you have an uneven surface which prevents the transmitter and the magnet from aligning correctly, e.g. PVC doors or windows, you may wish to use the spacers. Follow the instructions below but use a spacer to lift either the transmitter, magnet or both a short distance away from the surface to which it is to be mounted.



Step 4 – Mounting The Magnetic Contact

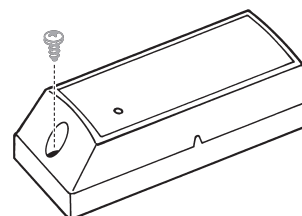
Mounting with adhesive

1. Ensure the mounting surface is clean.
2. The adhesive is double sided. Peel back one layer of the protective film and attach to the transmitter.
3. Peel back the remaining layer of protective film and hold the transmitter firmly in place against the mounting surface until firmly attached.
4. Repeat with the magnet.

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.

Mounting with screws

1. Remove the cover by unscrewing the closure screw.



2. Gently pull apart the base from the cover.
3. Gently bend out the circuit board retainer and detach the circuit board from the base. Avoid excessive handling.
4. Hold the sensor base against the mounting surface and mark the points for drilling. Then drill the holes in the mounting surface.
5. Attach the base to the mounting surface using the screws provided. Make sure the magnet location mark is on the correct side.
6. Re-attach the circuit board to the base, by inserting it into the edge supports and clicking gently into place. Then replace the cover and tighten the screw.
7. Position the magnet on the door or window alongside the transmitter. Mark the points for drilling and drill the holes. Then screw the magnet to the mounting surface using the screws provided.

Step 5 - Test The Magnetic Contact

To test the device, open the door or window.

The red LED on the sensor should light up, indicating a signal is being sent.

BT Home Monitor Magnetic Contact VP

Installation Guide











Usage

Tamper

The Magnetic Contact 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 Magnetic Contact

You may at some point decide you do not wish to use one or more of your wireless sensors. To delete a Magnetic Contact 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.
OFF 	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.

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 Magnetic Contact is powered by a 3V lithium battery which will last up to 2¹/₂ years. When the battery becomes low the Control Panel will have the message SENSOR LOW BATTERY on its display with the CHECK indicator light on.

Replacing The Battery

1. Remove the cover by unscrewing the closure screw.
2. Gently pull apart the base from the cover.
3. Remove the old battery.
4. Insert the new battery (observing polarity + and –) and check that the LED flashes.
5. Replace the cover and tighten the screw.

Cleaning

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

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

BT Home Monitor Magnetic Contact VP

Installation Guide



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

Frequency (MHz):	868.95
Transmitter's ID Code:	24-bit digital word, over 16 million combinations, pulse width modulation.
Overall Message Length:	36 bits
Message Repetition:	Repetitive transmission (once every 3 minutes).
Supervision:	Signalling at 15-minute intervals.
Response to Tamper Event:	Tamper report every 3 minutes (until the tamper switch is restored).
Battery:	3V Lithium Type CR-2 or equivalent.
Battery Life Expectancy:	2 ¹ / ₂ years (for typical use).
Battery Supervision:	Automatic transmission of battery condition data as part of any status report.
Operating Temperature:	0°C to 49°C (32°F to 120°F).
Dimensions:	81 x 22 x 23.5mm (3 ³ / ₁₆ x 7 ⁷ / ₈ x 1 ⁵ / ₁₆ in).
Weight:	Transmitter – 34g (1.2oz) excluding battery, Magnet – 13g (0.45oz).

BT Guarantee

Your BT Home Monitor Magnetic Contact 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 Magnetic Contact 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.

BT Home Monitor Magnetic Contact VP

Installation Guide



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

The telecommunications services described in this publication are subject to availability and may be modified from time to time. Services and equipment are provided subject to British Telecommunications plc's respective standard conditions of contract. Nothing in this publication forms any part of any contract.

© British Telecommunications plc 2003
Registered office: 81 Newgate Street, London EC1A 7AJ
Registered in England No: 1800000

BT Home Monitor Magnetic Contact VP (03/03) 9
Printed in Israel

