

# RadioPlus Magnetic Contact

Wireless 868MHz & 433MHz

## INSTALLATION INSTRUCTIONS

**Texecom**  
www.texe.com

Ask your distributor today for the Texecom full colour Product Guide.

## QUALITY ASSURANCE



Certificate Number: FM 35285

Made In  
England



HALMA GROUP  
COMPANY



## WARRANTY

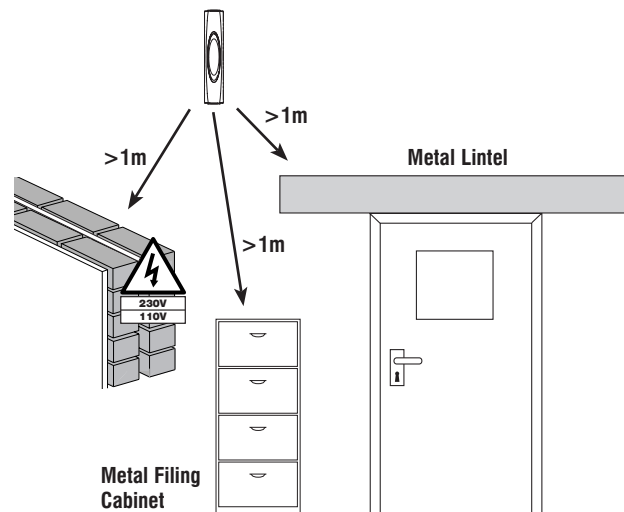
1 year replacement warranty (excludes battery).

The *RadioPlus Magnetic Contact* is designed to detect the opening of a door/window and activate an alarm control panel. As the *RadioPlus Magnetic Contact* is not a complete alarm system, but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *RadioPlus Magnetic Contact* failed to function correctly.

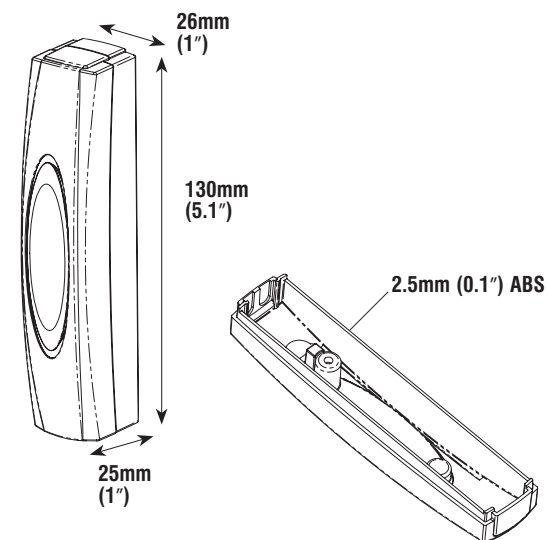
Due to our policy of continuous improvement Texecom reserves the right to change specification without prior notice. All specifications are measured at 20°C (68°F).

© 2006 Texecom Ltd. Document Ref: RPMC/EU/1.0-2  
The *RadioPlus Magnetic Contact* is protected by UK & International Registered Designs. Registered Design No: 269188.  
RadioPlus is a Trademark of Texecom Ltd.

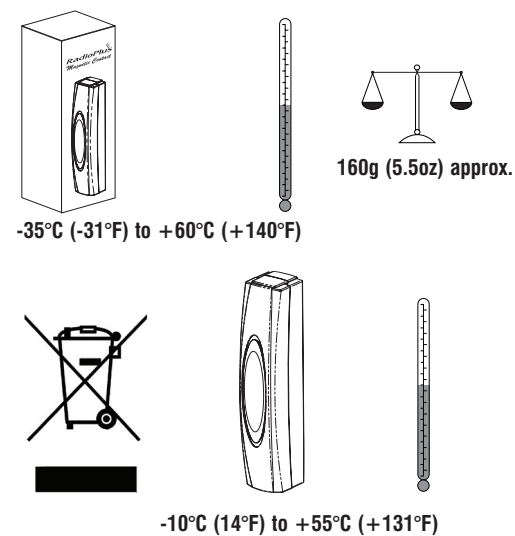
**Do not install close to large metal objects or mains wiring**



## 1 PHYSICAL



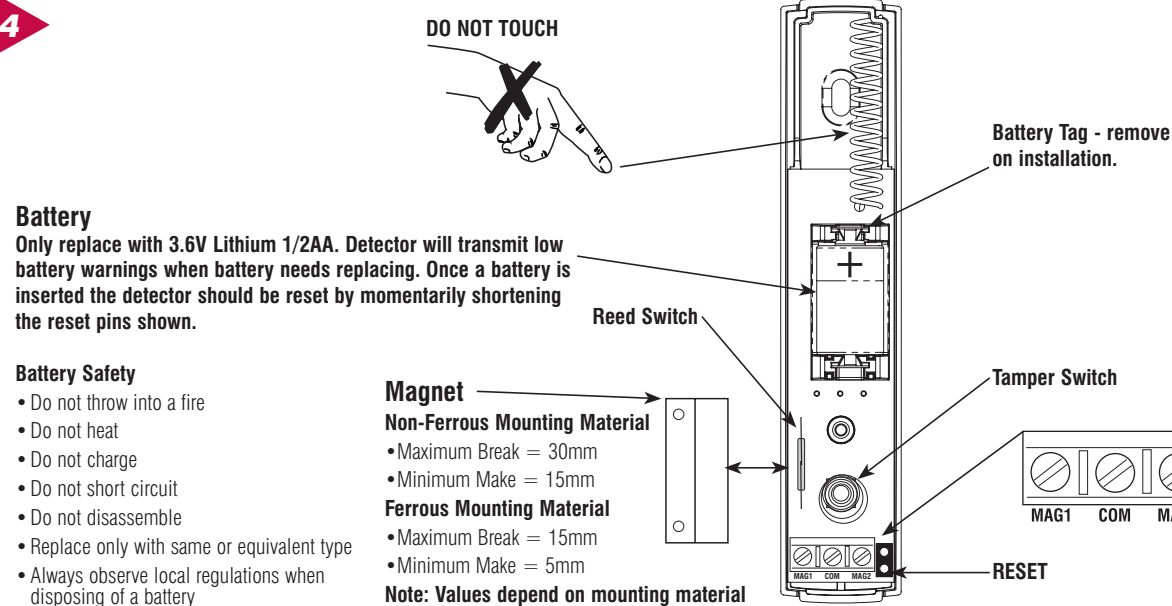
## 2 ENVIRONMENTAL



## 3 STANDARDS & APPROVALS

<b>Detector Standard:</b>	TS 50131-2-6 Grade 3 Environmental Class II.
<b>System Standard:</b>	Suitable for use in a BS EN 50131-1, PD 6662 : 2004 Grade 2 system.
<b>Wireless Standard:</b>	Designed to comply with EN 50131-5-3 : 2005.
<b>EMC:</b>	EN 300 489-1 : 2002, EN 300 489-3 : 2002. EN 50130-4 : 1995 + A1 : 1998 + A2 : 2003.
<b>RF Immunity:</b>	No false alarms from 80MHz to 1GHz at 10V/m. Complies with BS EN 61000-4-3 : 2002.
<b>Radiated Emissions:</b>	EN 300 220-1 : 2000, EN 300 220-3 : 2000. 868MHz & 433MHz options.

## 4



### Battery

Only replace with 3.6V Lithium 1/2AA. Detector will transmit low battery warnings when battery needs replacing. Once a battery is inserted the detector should be reset by momentarily shortening the reset pins shown.

### Battery Safety

- Do not throw into a fire
- Do not heat
- Do not charge
- Do not short circuit
- Do not disassemble
- Replace only with same or equivalent type
- Always observe local regulations when disposing of a battery

### Magnet

#### Non-Ferrous Mounting Material

- Maximum Break = 30mm
- Minimum Make = 15mm

#### Ferrous Mounting Material

- Maximum Break = 15mm
- Minimum Make = 5mm

**Note:** Values depend on mounting material

## 8 WIRELESS OPERATION

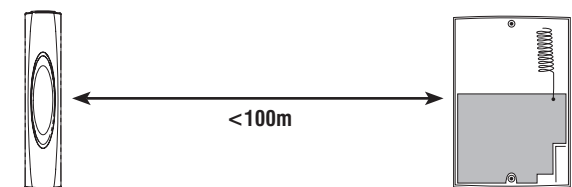
- Each detector has its own unique factory pre-set identification code, selected from over 16 million combinations.
- The detectors send approximately 12 'supervision' (monitoring) signals every 30 minutes.
- The detector will transmit a battery low warning when there is just over one month's capacity remaining. The battery should be replaced at this time.
- For use only with *RadioPlus Intelligent Receiver*.

### DECLARATION OF CONFORMITY

<b>This declaration is valid for the following product:</b>	
Device Type:	Wireless Magnetic Contact
Product Name:	<i>RadioPlus Magnetic Contact</i>
Equipment Class:	Short Range Device, Class 1
NB Number:	0470
<b>This is to confirm that this product meets all essential protection requirements relating to:</b>	
R&TTE Directive:	1999/05/EC
<b>On behalf of the manufacturer:</b>	
Texecom Ltd., Bradwood Court, St. Crispin Way, Haslingden, Lancashire, BB4 4PW	
This declaration is submitted by:	
R J Austen, Managing Director	
10th January 2006	

## 6 CHOOSING A LOCATION

Maximum range is up to 100m free space, walls and furniture will reduce this. Check signal strength before installation.



## 9 USING MAGNETIC CONTACTS

In the standard mode these terminal blocks can be used as two normally closed inputs, for example allowing conventional wired magnetic contacts to be connected.

This section describes how to install the *RadioPlus Magnetic Contacts* with *Premier* control panels. The *RadioPlus Magnetic Contact* is only supported with the following software versions:

Control Panel	<i>RadioPlus Magnetic Contact</i> Supported
Premier 412	V9.5
Premier 816	V9.5
Premier 832	V2.5
Premier 24	V7.00
Premier 48	V6.00
Premier 88	V6.00
Premier 168	V6.00
Premier 640	V1.00

10 OPERATIONAL CHANGES

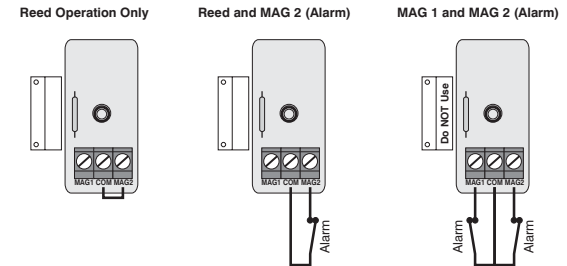
The operation of the *RadioPlus Magnetic Contact* was changed on the later panel software versions, so that the reed switch is in parallel with MAG1 input. This means that in order to use the reed input the MAG1 input must be left open, i.e. no link fitted. MAG2 input will function as either as an alarm or tamper input dependent on how the EN50131 option is programmed in the control panel. Both these changes were introduced with the following software versions:

Control Panel	Reed in Parallel with MAG1	MAG2 = Tamper when EN50131 Enabled
Premier 412	V10.0	V10.0
Premier 816	V10.0	V10.0
Premier 832	V3.0	V3.0
Premier 24	V7.20	V7.20
Premier 48	V7.40	V7.40
Premier 88	V7.40	V7.40
Premier 168	V7.40	V7.40
Premier 640	V8.00	V8.00

11 INSTALLATION OPTIONS  
EN50131 Option Disabled

When this option is disabled the MAG2 input function as a normal alarm input. The EN50131 option is programmed as follows:

Control Panel	Programming Menu
Premier 412/816/832	Menu 35 Option 6 = OFF
Premier 24	System Configuration Option 23 = OFF
Premier 48/88/168/640	System Configuration Option 34 = OFF



12 INSTALLATION OPTIONS  
EN50131 Option Enabled

When this option is enabled the MAG2 input function as a tamper input. The EN50131 option is programmed as follows:

Control Panel	Programming Menu
Premier 412/816/832	Menu 35 Option 6 = ON
Premier 24	System Configuration Option 23 = ON
Premier 48/88/168/640	System Configuration Option 34 = ON

