

# MC2-WE

Two Way Wireless magnetic contact  
with 2 reed, 1 input and tamper input



EN50131-2-6:2008

EN50131-5-3:2005+A1:2008

PD6662:2010

Security Grade 2

Environmental Class II

## ENGLISH

### Installation Notes

It is recommended the MC2-WE is learned at the control panel. A signal strength test should then be performed to make sure the most suitable location is chosen, ensuring optimum wireless range.

### Installation Surfaces

NOTE: The MC2-WE can be mounted on typical building materials; such as wood, PVC, brick or metal etc. If you do encounter any problems with different surfaces, please contact customer.support@pyronix.com

### Programming Menu's Required

A: LEARN WIRELESS DEVICES

B: Input Learnt!

C: DIAGNOSTICS

D: CHANGE INPUTS

### Specification

#### Battery:

Type: 3.0V CR2 Lithium Battery. Threshold: 2.5V +/- 5% at 25°C.  
Life: Up to 2 Years

#### Wireless:

Transmission Frequency: 868MHz, FM Transceiver Narrow Band  
Transmission Method: Fully encrypted rolling code  
Transmission Range: 1.6km free space

#### Materials and Environment

Colour and Casing: White (or Brown: MC2BROWN-WE). 2mm ABS

Indication: LEDs (Signal, Battery, Alarm, Tamper)

Temperature: Storage: -20°C to 50°C. Certified: -10°C to 40°C.

Nominal: -10°C to 50°C

Dimensions (H x W x D): 115 x 36 x 30mm. Magnet: 56 x 13 x 17mm  
Front and rear tamper.

2 reed switches, 1 external input and 1 external tamper input.

Please see the control panel user, programming and quick set  
manuals for further information.

### Battery Information

The batteries supplied have been chosen to provide long service life whilst, for safety reasons, having limited output current.

The battery is protected on purchase by a piece of plastic that must be removed for operation. When disposing of the product, the battery must be removed and disposed of separately in accordance with the local regulations.

### Warranty

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of two years (batteries excluded). In the interest of continuing care and design, Pyronix Ltd reserves the right to amend specifications, without giving prior notice.

### Product Warning Information

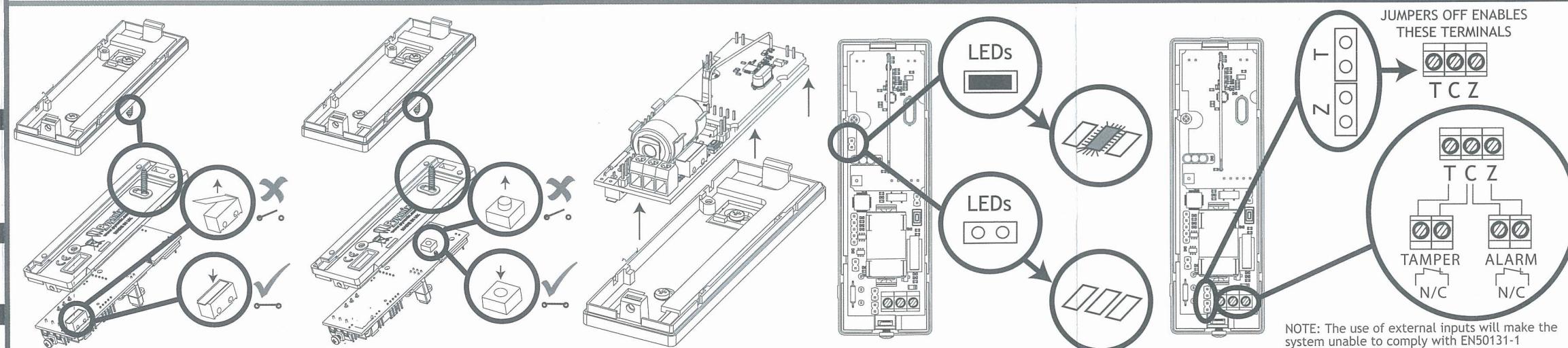
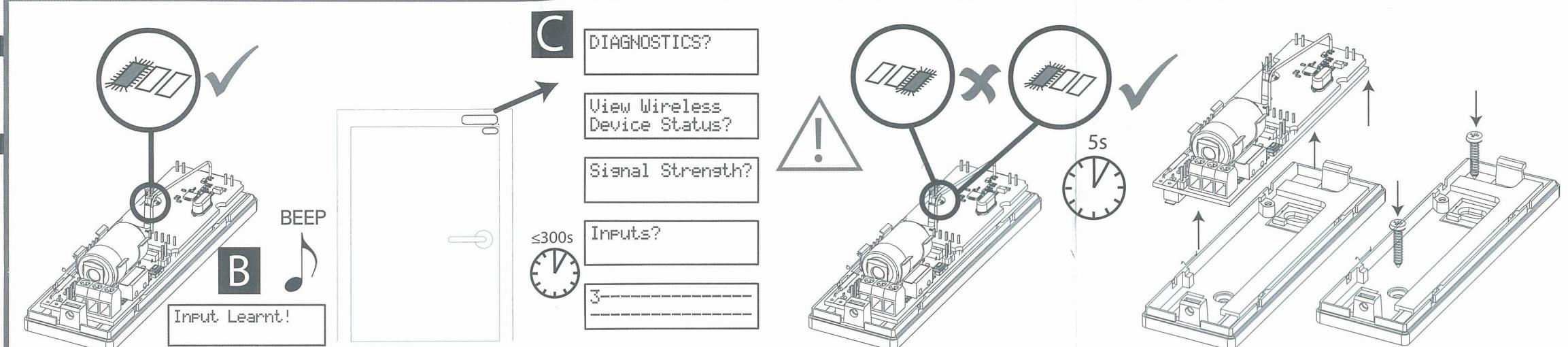
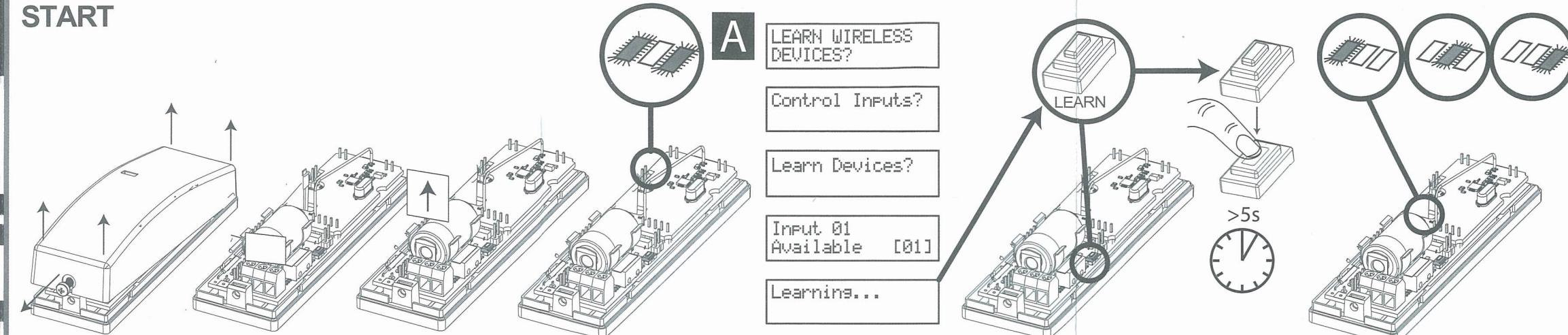
For electrical products sold within the European Community. At the end of the electrical products life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.

To prevent possible damage to components, any static charge on your body needs to be eliminated before touching the inside of the unit. This can be accomplished by touching some grounded/earthing metallic conductor such as a radiator/pipework immediately before replacing the batteries.

### Magnet Detection Performance

Axes of Operation	Event	Distance in Air		Distance on Iron		Signal/Message
		1	2	1	2	
Z+	Remove	29mm	29mm	16mm	16mm	Intrusion
Z-	Approach	28mm	28mm	15mm	15mm	Standby
Z+	Remove	29mm	29mm	16mm	16mm	Intrusion
Z-	Approach	28mm	28mm	15mm	15mm	Standby
Y	Remove	14mm	15mm	5mm	6mm	Intrusion
Y	Approach	13mm	14mm	4mm	5mm	Standby
X+	Remove	18mm	15mm	14mm	13mm	Intrusion
X+	Approach	17mm	14mm	13mm	12mm	Standby
X-	Remove	9mm	13mm	5mm	8mm	Intrusion
X-	Approach	8mm	12mm	4mm	7mm	Standby

## START



NOTE: The use of external inputs will make the system unable to comply with EN50131-1

