

New Product Brief

Micro Shock-W

Miniature wireless shock sensor with *Ricochet*® mesh technology

Texecom

Features

- Smallest shock sensor on the market
- Superior accelerometer technology
- LED assisted set-up procedure
- Complies to the latest EN50131-2-8 Grade 2 shock sensor standard
- 3 year typical battery life
- Ricochet Mesh technology
- Available in white, brown and anthracite grey
- Mounting surfaces - uPVC, wood, concrete and aluminium
- Compatible with Premier Elite and Premier panels



The Micro Shock-W is designed to detect and analyse a forcible shock and provide early warning of an attempted intrusion before a break-in occurs, ensuring the safety of people and property inside. The ultra miniature design provides invisible yet powerful protection for all windows, doors and walls.

Installer Benefits

- Simple, fast and easy to set-up with a single button.
- Intuitive LED indications take you step by step through the set-up and commissioning process.
- Provides unobtrusive, discreet security by blending into the environment its installed in.
- Protects windows, doors and walls by alarming at the first indication of an attack.
- Low battery warning provides advanced notification for battery replacement.
- Use it as a repeater - small, discreet and hidden.

EN50131-2-8 Highlights

- In accordance with the new shock standard, manufacturers must recommend a suitable sensitivity setting for three types of material; framed glass window, wood and concrete, based on the testing requirements of EN50131-2-8

There are 5 sensitivity settings from 1 to 5 with 1 being the least sensitive (slowest flash rate) and 5 the most sensitive. Each press of the button will change the sensitivity indicated by the flash rate of the blue LED, cycling from slow to fast and finally back to slow after 5 presses.

Recommended Sensitivity Setting	Material	Size (Radius)
1	Wooded surfaces	1m
2	Framed glass windows	1m
5	Concrete surfaces	0.5m

- For graded installations, both sticky pads and screws provided with the product must be used during installation.
- EN50131 and TO31 compliance testing and certification to System 5 and INCERT by June 2018.



Texecom products are designed and manufactured in the UK

www.texecom.com
Sales: +44 (0)1706 220460

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Features and benefits in detail

Features	Benefits
Smallest shock sensor on the market	The Micro Shock-W is the only shock sensor that utilises a coin cell battery, giving it an ultra slim profile compared with any other shock sensor available today. Any concerns you ever had regarding the aesthetics of installing shock sensors on doors and windows are no longer an issue.
Superior accelerometer technology	Sophisticated accelerometer technology provides a much higher level of accuracy for detecting and communicating vibrations in comparison to piezoelectric technology used in competitor products.
LED assisted set-up procedure	Learning the device onto the system, setting the sensitivity and commissioning can all be done through an intuitive LED sequence from a single button on the front of the device.
Complies with the latest EN50131-2-8 Grade 2 shock sensor standard	The Micro Shock-W is the first shock sensor to conform to the new EN50131-2-8 shock sensor standard, highlighting Texecom's commitment in providing world class third party approved professional security products to our customers.
3 year battery life	Intelligent electronic design maximises performance whilst minimising energy consumption. Achieving a 3-year typical battery life from a single coin-cell battery (CR2450) the Micro Shock-W provides longer service intervals and minimal disruption.
Ricochet Mesh technology	Ricochet enabled wireless devices receive and repeat messages from other devices. The size, scalability and range of the entire system are extended, as wireless signalling is no longer limited by point-to-point communications.
Available in white, brown and anthracite grey	Further blending into the background, the Micro Shock-W is available in white, brown and anthracite grey, in order to match the most popular uPVC, wooden and aluminium frames.

Competitor analysis

	Texecom	Visonic	Pyronix	Risco	Jablatron
Battery life	Up to 3 years	Up to 5 years	Up to 2 years	Up to 5 years	2 years
Size	57mm x 27.5mm x 8.2mm	118mm x 27mm x 30mm	30mm x 130mm x 35mm	81mm x 35mm x 32mm	55mm x 26mm x 16mm
Shock sensor technology	Accelerometer	Piezoelectric sensor	Accelerometer	Piezoelectric sensor	Accelerometer
Key differences	EN50131-2-8:2016 compliant Slimmest profile Ricochet Mesh Technology	Optional mag contact Auxillary input	Dual zone device Auxillary input Optional mag contact		Vibration or tilt sensor Small profile
Colours	White, Brown, Grey	White, Brown	White, Brown	Cream	White



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Part numbers

Product	Description
GHC-0001	Micro Shock-W 868MHz White
GHC-0002	Micro Shock-W 868MHz Grey
GHC-0003	Micro Shock-W 868MHz Brown
GHC-0004	Micro Shock-W 866MHz White
GHC-0005	Micro Shock-W 866MHz Grey
GHC-0006	Micro Shock-W 866MHz Brown

Warranty

2 years

System requirements and compatibility

The Micro Shock-W is compatible with all Premier Elite panels, Premier panels and wireless expanders.

Specifications	
Alarm System	EN50131-2-8:2016, EN50131-5-3:2017, EN50131-1:2006+A2:2017, PD6662:2017, Grade 2 Class II
Product Type & Frequency Band	GHCA1000 : 868.2 – 868.4MHz GHCA2000 : 866.2 – 866.4MHz (Not CE approved) GHCA3000 : 433.3 – 433.7MHz
Receiver	Category 1, Class 2
Receiver LBT	Listen Before Talk
Transmitter Duty Cycle	868MHz<1%
Max RF power	10mW
Low Voltage Signal	2.80V
Operating Voltage	3V
Maximum Current	12mA
Quiescent Current	10uA
Relative Humidity	0 – 95% non-condensing
Operating Temperature	-10°C to 55°C
Weight	15g
Dimensions	57mm x 27.5mm x 8.2mm

Included in the box : 1x Micro Shock-W, 1 x manual, 1 x adhesive pad, 2 x screws



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