Odyssey 1E

Polycarbonate External Sounder & Strobe Unit

Designed for maximum reliability at the most cost-effective price, the Odyssey 1E™ brings high security sounder technology into the residential marketplace. Safety conscious, installer friendly installation and maintenance with guaranteed performance, the Odyssey 1E perfectly complements even the most rigorous of installations.

Outstanding features:

- 109db Volume
- Vertical Mounting
- Patented Safety Engineer Hold-off Mode
- Lid & Wall Tamper
- High Voltage Protection Circuitry
- Twin Alternating LEDs
- Advanced Microprocessor Technology
- Strobe Tube Saver
- Selectable SAB/SCB Mode
- Low Current Mode
- Polycarbonate Construction
- EN 50131 Grade 3

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Odyssey 1E

Patented Engineer Hold-off Mode

Installation and maintenance is made quick, simple and safe by a revolutionary patented safety engineer hold-off mode. On power-up the hold-off mode is automatically enabled, preventing the unit from sounding until the tamper circuit is secure. This enables "one trip up the ladder" installation Hold-off mode can be re-invoked at any time from the control panel, ensuring easy maintenance and verification.

IP44 Sealed Electronics Module

The advanced electronic module of the Odyssey 1E is protected by a robust inner cover assembly with gasket seal. This increases protection from dust and moisture, sealing to IP44 rating which enables prolonged exposure to harsher environments without compromising performance or functionality.

Dual Tamper Detection

Wall and lid tamper detection is provided as standard. Wall tamper is derived from a fixing screw location, removing the need to drill additional fixing holes and providing optimum reliability.

Specifications

Supply Voltage:	12V (nominal)		
Current Drain			
Quiescent (inc charging):	15mA		
Strobe:	100mA		
Sounder:	SAB	LC	SCB
	285mA	160mA	30mA
Battery:	NiMh Stack, 7.2Vdc, 320mAh		
Strobe:	1W, 1Hz Flash Rate		
Dimensions:	318mm x 201mm x 66.5mm		
Packed Weight:	1250g (45oz) approx		

European Standards

Safety: Conforms to European Union (EU) Low Voltage Directive (LVD) 73/23/EEC (amended by 93/68/EEC).

EMC: Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

Approved to BS EN 55022 Class B and BS EN 50130-4 : 1996.

PD 6662 & EN 50131-1 Grade 3 Environmental Class IV.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

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UK Registered Design Number 2086725.

Odyssey is a trademark of Texecom Ltd. © 2009 Texecom Ltd. (LIT-0030)

Certificate Number: FM 35285

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Reflex

Best Selling PIR

Discover exceptional reliability with the Reflex passive infrared detector from Texecom. With proven success in more than 9 million installations, the Reflex has been further enhanced through the use of advanced surface mount technology. Additional filtering and suppression combined with intelligent temperature compensation reinforce the fact that no other detector can match the overall specification of the Reflex.

Outstanding Features

- 12m Volumetric Coverage
- Interchangeable Lens Library
- EN 50131 Grade 2
- Adjustable Mounting Height
- Improved Temperature Compensation Profile
- 50v/m Rf Immunity
- Mounting Brackets Available Separately
- Sealed Optics
- Choice Of Four Mounting Options
- 104° Coverage

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Reflex

Proven Reliability

Now with advanced surface mount technology and additional filtering, the Reflex exceeds industry standards by over 500%. Full compliance with EN50130-4 has been independently verified for total peace of mind.

Sealed Optics & Adjustable Mounting Height

The Reflex contains fully sealed optics, preventing false alarms from insects & draughts. An adjustable PCB position provides optical alignment, ensuring an optimum coverage pattern when mounted anywhere between 1.5m & 3.0m.
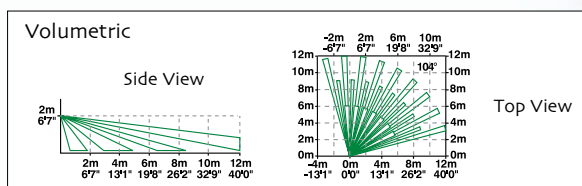
Patented Tamper-Proof Brackets (optional)

Patented tamper-proof brackets provide two extra mounting options, enabling precise angle adjustment & make installation simple in any location.

Reflex Specifications	
Range:	12m (40 feet), 104˚ volumetric coverage
Supply Voltage:	9 - 16V$_{DC}$
Current Consumption:	10mA typical at 12V$_{DC}$
Alarm Signaling:	Built-in normally closed relay
Alarm Relay:	Rated at 24V$_{DC}$, 50mA protected by 18Ω series resistor
Dimensions:	90mm x 63mm x 40mm
Packed Weight:	125g (4.5oz) approx.
EMC:	Independently certified to EN50130-4 : 1996
Design:	Noise reduction circuits with maximum ground plane
RF Immunity:	No false alarms from 80MHz to 1GHz at 50V/m modulated

Coverage Patterns

Volumetric — Side View, Top View

Curtain — Side View, Top View

Pet — Side View, Top View

Long Range — Side View, Top View
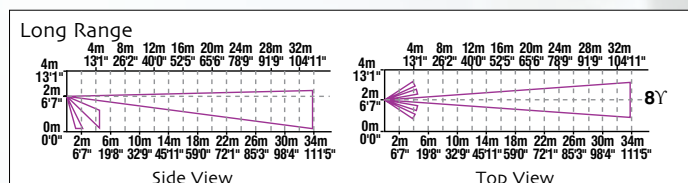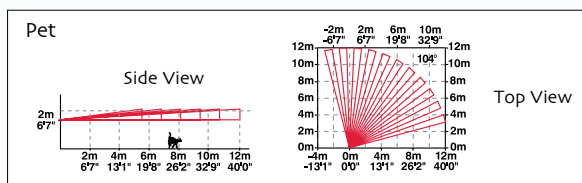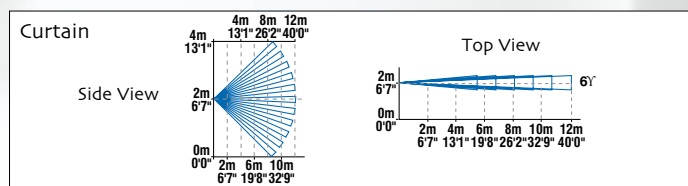
European Standards

EMC: Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

Approved to BS EN 55022 Class B and BS EN 50130-4 : 1996.

PD 6662 & EN 50131 Grade 2 Environmental Class II.

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UK Registered Design Number 2036936. Reflex is a trademark of Texecom Limited. © 1989 - 2009 Texecom Limited. (LIT0059)
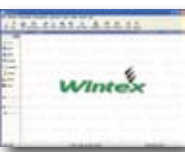
Certificate Number: FM 35285

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Premier Software & Peripherals

Wintex Software

Texecom's user-friendly Windows™ based software provides complete upload/download & systems diagnostics for total control & flexibility.

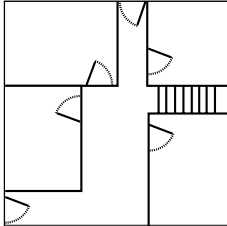Windows is a registered trademark of Microsoft Corporation
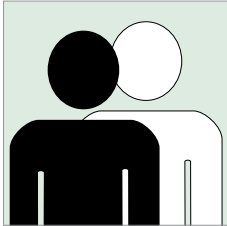
Texbase Software

Alarm management software package for use in conjunction with the Premier Com IP & Montex Software. Allows installers to individually monitor their installed security systems for specific alarm signals.

Montex Software

Software based alarm receiver interface for connecting with Premier ComIP alarm signalling equipment. Supports fast format, contact ID & SIA communication protocols. Manages received polling information for each monitored site.

Key-Fob Programmer

The Key-fob Programmer allows configuration data to be copied from one control panel to another. This allows for customised default settings, reducing programming time & simplifying set-up of multiple installations.

	Keypads	Max. No. of Zones	Areas	User Codes
Premier 412	6	12	2	32
Premier 816	6	16	4	32
Premier 816 Plus	6	16	4	32
Premier 832	6	32	4	64

Features & Functions

	Premier 412	Premier 816	Premier 816 Plus	Premier 832
Number Of Zones (Onboard)	4	8	8	8
8 Zone Expanders	1	1	1	3
Plug On Local Expander (Premier 8XE)	•	•	•	•
Remote Zone Expander (Premier 8X)	1	1	1	3
Zone Doubling Feature (on-board zones only)	•	•	•	•
Auxiliary Tamper Zone	•	•	•	•
Event Log (Time & Date Stamped)	750	750	750	1000
LED Remote Keypads	•	•	•	•
LCD Remote Keypads	•	•	•	•
Supervised Outputs	OP1/2 & Siren/Bell	OP1/2 & Siren/Bell	OP1/2 & Siren/Bell	OP1/2 & Siren/Bell
Programmable Outputs (Control Panel)	8	8	8	8
EN 50131-1	G2	G2	G2	G2
TS 50131-3	G2	G2	G2	G2

European Standards

PD 6662 & EN 50131 Grade 2 Environmental Class II.

Conforms to European Union (EU) Low Voltage Directive (LVD) 73/23/EEC (amended by 93/68/EEC) and Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC). Approved to BS EN 55022 Class B & BS EN 50130-4.

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Premier International Series

Grade 2 Communicating Control Panels

Designed primarily for the international marketplace, the Premier International Series is a powerful range of communicating control panels. Modular expandable design enables simplification of complex requirements, allowing maximum flexibility & ease of operation. Each feature and function is fully customisable delivering outstanding design flexibility & exceptional performance. The same intuitive programming platform & peripheral devices ensure instant product familiarity across the range.

Premier 412 — G2
4 Zones Expandable To 12
Integrated Communicator
32 User Codes
2 Partitions
Wireless Expansion

Premier 816 — G2
8 Zones Expandable To 16
Integrated Communicator
32 User Codes
4 Partitions
Wireless Expansion

Premier 816 Plus — G2
8 Zones Expandable To 16
Integrated Communicator
32 User Codes
4 Partitions
Wireless Expansion
Remote Control

Premier 832 — G2
8 Zones Expandable To 32
Integrated Communicator
64 User Codes
4 Partitions
Wireless Expansion
Remote Control

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Premier Keypads

Premier Communicator Modules

The range of compatible LED or LCD keypads is used to programme all required features, enabling the set-up of even complex systems quickly & efficiently.

The range of compatible expander modules allows modular system design, ensuring maximum flexibility & future-proof installations.

LED Keypads

RKP4/8/16 — G2

4, 8 & 16 zone LED remote keypads.

RKP8Plus/16Plus — G3

8 & 16 zone LED remote keypads incorporating 2 EOL zones.

Premier 8X — G3

Remote Zone Expander providing an additional 8 programmable EOL zones, 2 programmable outputs plus speaker driver with programmable volume control.

LCD Keypads

LCD/LCDP — G3

Remote keypads with standard 32 character LCD display. Incorporates 2 DP or EOL zones & 1 programmable output. LCDP features built-in proximity tag reader.

LCDL/LCDLP — G3

All the features of the LCD/LCDP plus large 32 character LCD & a speaker driver output for programmable volume control. LCDLP features built-in proximity tag reader.

Premier 8XE — G3

Local plug-on 8 Zone Expander provides an additional 8 programmable EOL zones.

Premier RM8 — G3

Relay Module providing an additional 8 relay switch options.

Flush Mount Keypads

Polished Chrome — G3

Polished chrome flush mount versions of the LCD/LCDP/LCDL/LCDLP available.

Satin Chrome — G3

Satin chrome mount versions of the LCD/LCDP/LCDL/LCDLP available.

Premier 60iXD — G3

Expansion module providing two ID† loops each supporting 30iXD† biscuits.

† iD is a trademark of Novar Systems Ltd.

Polished Brass — G3

Polished brass flush mount versions of the LCD/LCDP/LCDL/LCDLP available.

Polymer — G3

Polymer flush mount versions of the LCD/LCDP/LCDL/LCDLP available.

Proximity Tag — G3

Proximity tag for use with LCDP & LCDLP remote keypads.

Additional Communicator Devices

Premier ComIP — G3

Allows connection of any Premier control panel to a Local or Wide Area Network (LAN/WAN). This allows alarms to be signalled over an IP network to an alarm receiving centre via Texecom's Montex Software.

Premier Speech Module — G3

The Speech Module provides two recordable 12 second audio messages. Each message is assigned to an alarm channel, which in turn can be triggered from one of the many output functions of the control panel.

Exodus *Series*

EN54 Certified Fire Detectors

The Exodus Series of heat and smoke detectors delivers world-leading fire sensing technology into the security marketplace. Featuring a dedicated built-in relay for connection to security control panels, low profile aesthetics and fully certified to EN54 Parts 5 & 7, the Exodus Series represents the pinnacle of detector performance and reliability.

Outstanding features:

- 12v/4-Wire Operation
- Built-In Alarm Relay
- Ceiling Connector Base
- Microprocessor Design
- Digital Technology Detection Algorithms
- Alarm Simulation Test Button
- Latch Input Enabling Auto-Reset Or Latching Operation

Optical & Heat Multisensor additional features:

- Optical & Thermal Detection
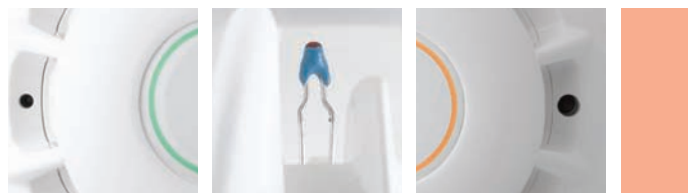- Digital Drift Compensation
- Certified To EN54-7

Heat Detectors additional features:

- Digital Thermal Detection
- Certified To EN54-5

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Exodus *Series*

Selection Guide

Exodus OH Optical & Heat Multisensor	Detects	Smouldering fires and fast flaming fires
	Suitable For	Fastest detection for wide range of fires.
	Unsuitable For	Environments with airborne contamination (smoke, dust, steam)
	Label Colour	Blue

Exodus RR Rate of Rise Heat Detector	Detects	Rapid temperature increases or temperatures above 58°C
	Suitable For	Fast fire detection where normal temperatures do not exceed 38°C
	Unsuitable For	Environments where the temperature may change rapidly
	Label Colour	Green
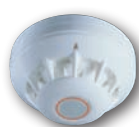
Exodus FT64 64°C Fixed Temperature Heat Detector	Detects	Temperatures above 64°C
	Suitable For	Fire detection where rapid temperature changes occur
	Unsuitable For	Fast detection of slow burning fires or where normal temperatures exceed 44°C
	Label Colour	Orange
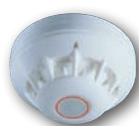
Exodus FT90 64°C Fixed Temperature Heat Detector	Detects	Temperatures above 90°C
	Suitable For	Environments where temperatures up to 70°C occur normally
	Unsuitable For	Fast detection of slow burning fires
	Label Colour	Red

BSI Kitemark Approval

Texecom has successfully underlined the quality and safety of the Exodus Series by becoming the first company in the world to be awarded the prestigious BSI Kitemark for EN54-5 & EN54-7 certified detectors.

The Kitemark has been established as the leading certification mark in the UK for over 100 years and provides specifiers and consumers alike with confidence in the quality of the product and reassurance that the product is fit for the purpose for which it is intended. The Kitemark is the ultimate sign of quality and safety.

As the first manufacturer to design EN54 Kitemark detectors for commercial fire alarm system applications, Texecom has ensured that the Exodus Series is at the forefront of fire detection performance and reliability.

Features & Functions

	Exodus OH	Exodus RR	Exodus FT64	Exodus FT90
12V/4-wire Operation With Alarm Relay	4W	4W	4W	4W
Conventional Fire 10V-30V Operation	CF	CF	CF	CF
Microprocessor Technology	●	●	●	●
Digital Technology Detection Algorithms	●	●	●	●
Latch Input Enables Auto Reset	4W	4W	4W	4W
Alarm Situation Test Button	●	●	●	●
Optical & Thermal Detection	●			
Digital Drift Compensation	●			
EN54-5 Compliant		●	●	●
EN54-7 Compliant	●			

CF = Conventional Fire version only. 4W = 4-Wire version only.

EUROPEAN STANDARDS

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC & 93/68/EEC).

Approved to BS EN 55022 Class B & BS EN 50130-4 : 1996.

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Specifications

Supply Voltage:	9-16V_DC
Current Consumption:	15mA (Typical)
Alarm Signalling:	Built-in normally closed relay
Alarm Relay:	<24V_DC 50mA, 18Ω
Latch Input:	12V: Latching; 0V: Auto Reset
Dimensions:	107mm x 55mm
Packed Weight:	200g approx
Storage Temperature:	-20°C (-4°F) to +80°C (+176°F)

Certificate Number: FM 35285

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A2009 0304