



D-TECT X Receiver

The D-TECT X Receiver is an IP55 weatherproof, tamper protected, four channel unit equipped with two volt free & two negative switched outputs per channel. It can be expanded by the addition of up to 3 four channel expansion modules to allow the receiver unit to monitor the active state of up to 16 wireless D-TECT X movement detectors.

PRODUCT CODES

GJD392 D-TECT X Receiver

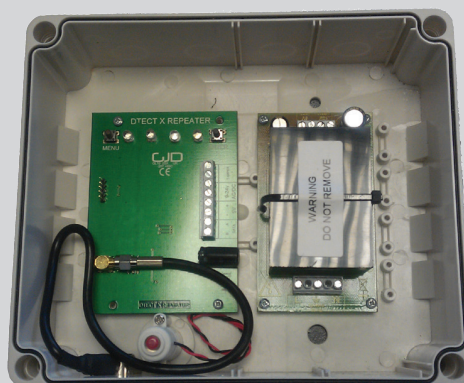
D-TECT X Repeater

The D-TECT X Repeater can be used to extend the RF range of a D-TECT X detector, or to boost signal in a poor reception area.

The D-TECT X Repeater must be placed within 500 metres line of sight between the D-TECT X detector(s) and D-TECT X Receiver(s). The unit will repeat all signals from D-TECT X detectors within range and as such does not require any programming to function.

PRODUCT CODES

GJD397 D-TECT X Repeater



SECTORS



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



BORDERS



MILITARY BASES



PORTS



POWER PLANTS



HERITAGE



AIRPORTS



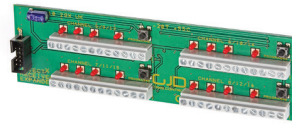
PRISONS

For more information on our products or to see how we can help, please contact us:
Telephone 0845 450 7937 or visit www.solar-technique.com

TECHNICAL SPECIFICATIONS

ACCESSORIES

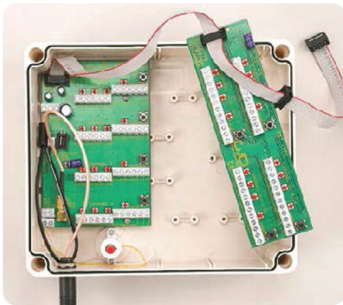
GJD393	4 detector expansion module
GJD394	Wireless signal strength & detection tester
GJD396	D-TECT X and signal walk tester kit



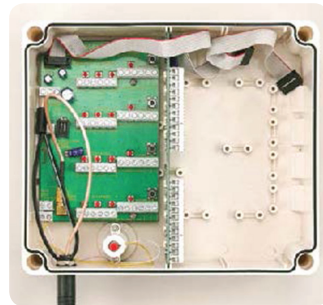
**D-TECT X 4 WAY
EXPANDER MODULE**



**WIRELESS SIGNAL
STRENGTH &
DETECTION TESTER**



**CONNECTING ON EXPANSION
MODULE USING THE RIBBON
CONNECTOR**



**EXPANSION MODULE INSTALLED IN
RECEIVER ENCLOSURE**

D-TECT X RECEIVER FEATURES

- The weatherproof IP55 receiver enclosure can be mounted externally or internally up to 500 metres in line of sight to the detectors
- Code recognition programming of each detector is both rapid and simple via a plug-in connector between detector and receiver
- As a system check, every one of up to 16 detectors automatically sends out a signal every 2 or 15 minutes to confirm that they are active. If a return signal is not received from a registered and recognised detector, a 'RF Loss' LED switches on and the contact is activated at the receiver
- An RF continuity test mode facility tests the strength of the RF signal from each detector at the receiver location. When it is necessary to conduct a site survey prior to installation, the receiver can be powered temporarily with a PP3 9 V battery
- The D-TECT X receiver is powered by a 12 - 24V AC/DC supply

D-TECT X RECEIVER SPECIFICATIONS

Communication Range	Up to 500 m (line of sight)
Communication Codes	16,700,000, 868MHz
Power Input	12 - 24V AC/DC
Indicators (per detector)	1 x LED Detection 1 x LED Tamper 1 x LED RF loss 1 x LED Low battery indication
Operating Temperature	-20°C to +55°C Conformally coated electronics for increased stability
Connections	1 x program socket for detectors. Expansion socket for connection to additional modules
Outputs (per Detector)	2 volt-free, silent solid state magnetically immune contacts 2 neg. switched plus one common tamper (front and rear switches) 1 RF Loss 1 Low battery
Capacity	4 detector module fitted as standard 3 slots for additional 4 channel expansion modules (total 16 detectors)
Case	High impact, flame retardant, UV stabilized Polycarbonate
Protection Housing	Minimum IP55
Dimensions	210 x 180 x 75 mm (excluding aerial)
Weight	658g NET, 720g GROSS

EXPANSION MODULE FEATURES

- The D-TECT X receiver is supplied as standard with a 4 channel module pre-installed. There are also expansion slots which will accommodate up to 3 additional 4 channel modules giving a total of 16 channels. Therefore the receiver is able to control and monitor up to 16 D-TECT X detectors
- An expansion module is connected via the ribbon connector to the circuit board of the pre-installed 4 channel module and is simply slid into the next available mounting slot in the receiver enclosure
- The process is repeated by connecting additional expansion modules using the next available connector slot on the ribbon

Please note GJD reserve the right to change the information within this document, without notice.

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