



## 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.

Due to the number of individual detector codes (in excess of 16M), multiple receivers can be used on any site.



## 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

GJD392	D-TECT X Receiver
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### PRODUCT CODES

GJD397	D-TECT X Repeater
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SPECIFICATIONS

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

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

Communication Range

500m 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

Accessories

- GJD393 D-TECT X Expansion Unit
- GJD394 D-TECT X Walk Tester