

# D-TECT X Repeater

GJD397 Repeater



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## INTRODUCTION

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

## D-TECT X REPEATER

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.

## SPECIFICATIONS

Range	500m (line of sight)
Tamper Switches	Front and rear tamper switches: case open and removal from wall
Wireless Frequency	868 MHz <25 mW
Current	23mA (12V nominal)
Operating Temperature	-10 to +50 Centigrade, Conformal coated electronics for increased stability
Housing	High impact, flame retardant, UV stabilised Polycarbonate
Protection Rating	IP65
Dimensions	W210mm x H180m x D79m
Weight	750grams NET, 880grams GROSS
Certifications	

## POWER SUPPLY MODULE

The GJD Power Supply Module provides a 12 VDC output from a 230 VAC input that enables the D-Tect X Repeater to be conveniently installed with easy access to a mains supply.

## INSTALLATION

- The Power Supply Module requires a 230 VAC supply on the LIVE input and a neutral on the N connection.
- An EARTH connection is also provided for the termination of the earth conductor. Ensure this connection is securely made.
- Connect the positive and negative terminals of the 12 VDC output to the corresponding inputs of the D-Tect X Repeater.

## IMPORTANT SAFETY REQUIREMENTS

- The Power Supply Module MUST be installed and maintained by suitably qualified engineers and the installation MUST comply with all relevant code of practice and regulations.
- All mains supplies to the module MUST be via a Residual Current Device (RCD) and an overload protection device.
- All mains supplies to the module MUST be disconnected before removing the cover.

## SPECIFICATIONS

Mains Supply Input	230 VAC, 50 Hz
12 VDC Output	12 VDC, 1A
5 VDC Output	5 VDC, 0.1A
Operating Temperature	-10 - +50 degrees centigrade

## SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, GJD Manufacturing Ltd declares that the radio equipment type GJD397 D-Tect X Repeater is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: [gjd.co.uk](http://gjd.co.uk)

# ENGINEER NOTES

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