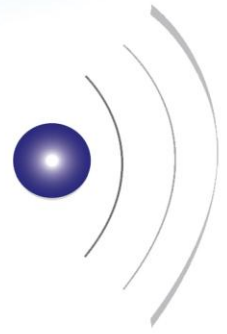


GJD
DETECT & SECURE



D-TECT X MKII RANGE OF WIRELESS DETECTORS



INCORPORATES ADVANCED WIRELESS SIGNAL PROCESSING &
UNIQUE OPTICAL SYSTEMS WITH ADJUSTABLE PIR SENSING
TECHNOLOGIES FOR THE HIGHEST IMMUNITY TO FALSE ALARMS

SETTING NEW STANDARDS OF PERFORMANCE & CONTROL

Based around the original industry standard, BS8418 D-Tect X Detector, these latest versions all feature twin PIR (quad element piro) detector modules, stylish IP55 fully tampered housings with new discreet internal antenna. Units accept either 3 'C' type batteries or 12-24V AC/DC, 500m RF transmission range on 868mhz and individual code for pairing to the Receiver (GJD392).

There are now three detectors to choose from:

- GJD430 D-Tect X MKII 30m x 30m
- GJD440 D-Tect X MKII 40m x 4m & 40m x 8m (supplied with 2 lenses)
- GJD450 D-Tect X MKII 50m x 10m

The Receiver (GJD392) can be linked in its base form to 4 detectors and this can then be expanded up to 16 detectors with the use of the GJD393 4-way Expansion Module (see schematic overleaf).

The outputs available from each detector include 2 volt-free relays, 1 for the GJD lighting control system, low battery, tamper and RF loss.

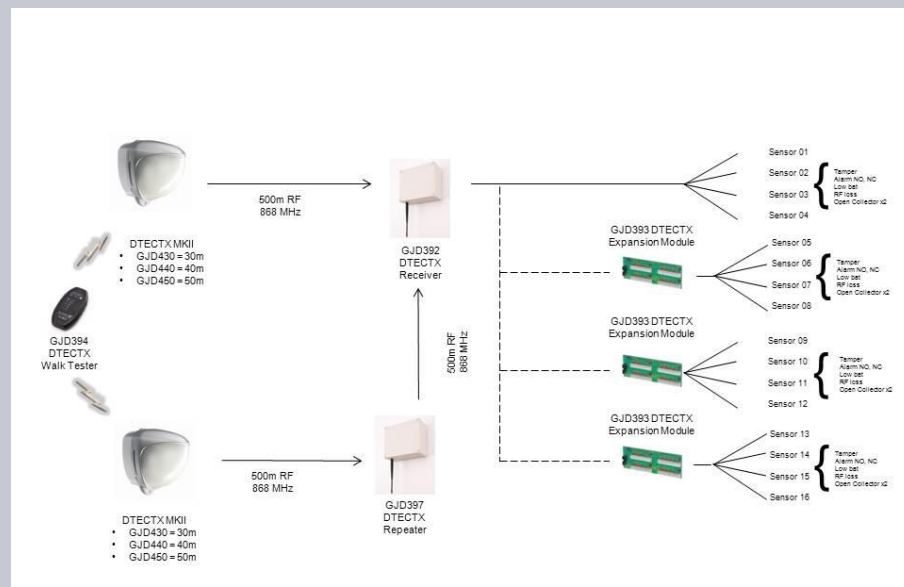
Due to the number of individual detector codes (in excess of 17M) multiple receivers can be used on any site.

The GJD397 500m Repeater Unit enables the unique GJD transmission codes to be boosted around corners or to help increase the wireless range of the detectors. As it only requires a power supply and does not need to be paired to the system, it can be easily retrofitted to an existing system.

The hand-held GJD394 Walk Tester is used by the installation engineer for the final set up of the detection patterns and its RF signal strength feature is used in surveys for checking the siting of equipment.

TYPICAL SCHEMATICS FOR GJD D-TECT X MKII RANGE OF WIRELESS DETECTORS

GJD430 – 30M | GJD440 – 40M | GJD450 – 50M



TECHNICAL	GJD430 D-TECTX30 MKII	GJD440 D-TECTX40 MKII	GJD450 D-TECTX50 MKII
Transmission Range	500m Line of sight	500m Line of sight	500m Line of sight
Detection Range	30m x 30m	40m x 4m & 40m x 8m	50m x 10m
Detector Orientation	180° pan & 90° tilt	180° pan & 90° tilt	180° pan & 90° tilt
Mounting Height	Up to 6m - Optimum 3m	Up to 4m - Optimum 3m	Up to 4m - Optimum 3m
Tamper Switches	front & rear tamper switches, case open and removal from wall	front & rear tamper switches, case open and removal from wall	front & rear tamper switches, case open and removal from wall
Outputs from GJD392 D-TECTX Receiver - Per Detector	1 Open Relay; 1 Closed Relay; Tamper; RF Loss; Low Battery, GJD Lighting System.	1 Open Relay; 1 Closed Relay; Tamper; RF Loss; Low Battery, GJD Lighting System.	1 Open Relay; 1 Closed Relay; Tamper; RF Loss; Low Battery, GJD Lighting System.
End of Line Resistance	N/A	N/A	N/A
Power Input	3 x C batteries or 12-24V AC/DC	3 x C batteries or 12-24V AC/DC	3 x C batteries or 12-24V AC/DC
Pulse Count	1 - 3	1 - 2	1 - 2
Photocell	Dusk (2 Lux) to 24 hour	Dusk (2 Lux) to 24 hour	Dusk (2 Lux) to 24 hour
Housing & IP Rating	high impact ABS IP55	high impact ABS IP55	high impact ABS IP55
BS8418 Compliant	Yes	Yes	Yes



GJD392
D-Tect X
Receiver



GJD393
D-Tect X
Expansion Unit



GJD394
D-Tect X
Walk Tester



GJD397
D-Tect X
Repeater

Other accessories include GJD303 Programmer Key Fob, GJD308 D-Guard Wire Guard and GJD305 Pole Mount Clamp

THE GJD D-TECT X MKII RANGE OF WIRELESS DETECTORS INTEGRATE FULLY WITH THE GJD CLARIUS® LED AND WHITE LIGHTING RANGE



www.gjd.co.uk

Tel: +44 (0) 1706 363 998

email: info@gjd.co.uk

GJD Manufacturing Limited | Unit 2 Birch Business Park | Whittle Lane | Heywood | Lancashire | OL10 2SX | UK