INSTALLATION DIAGRAMS

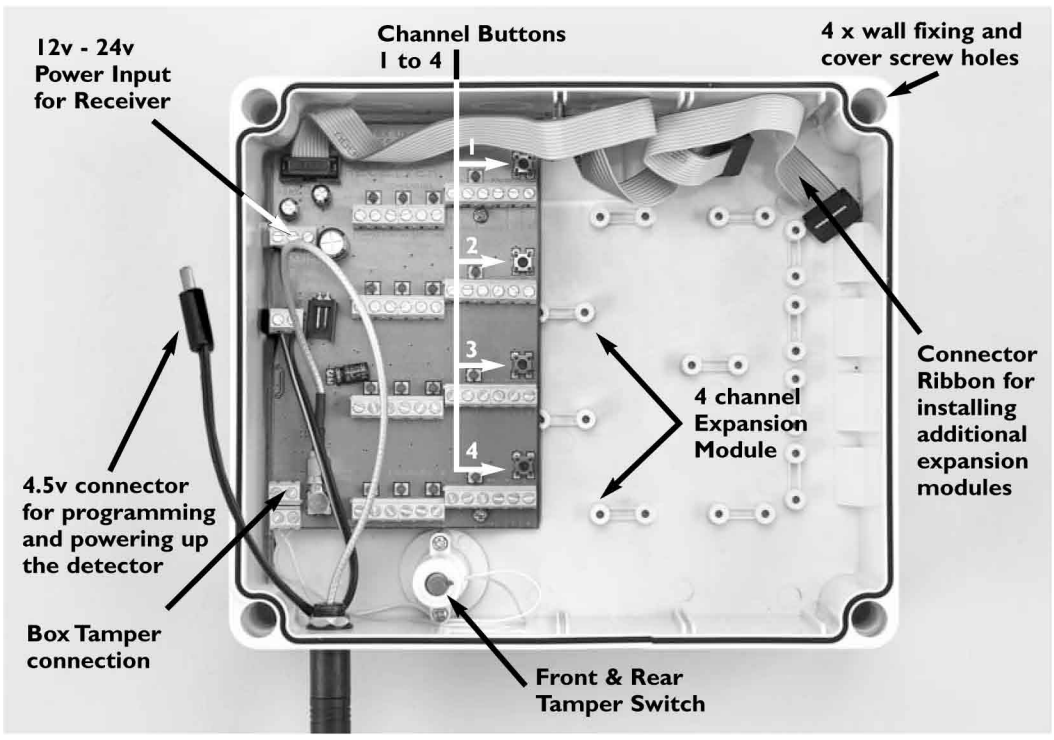


DIAGRAM 1

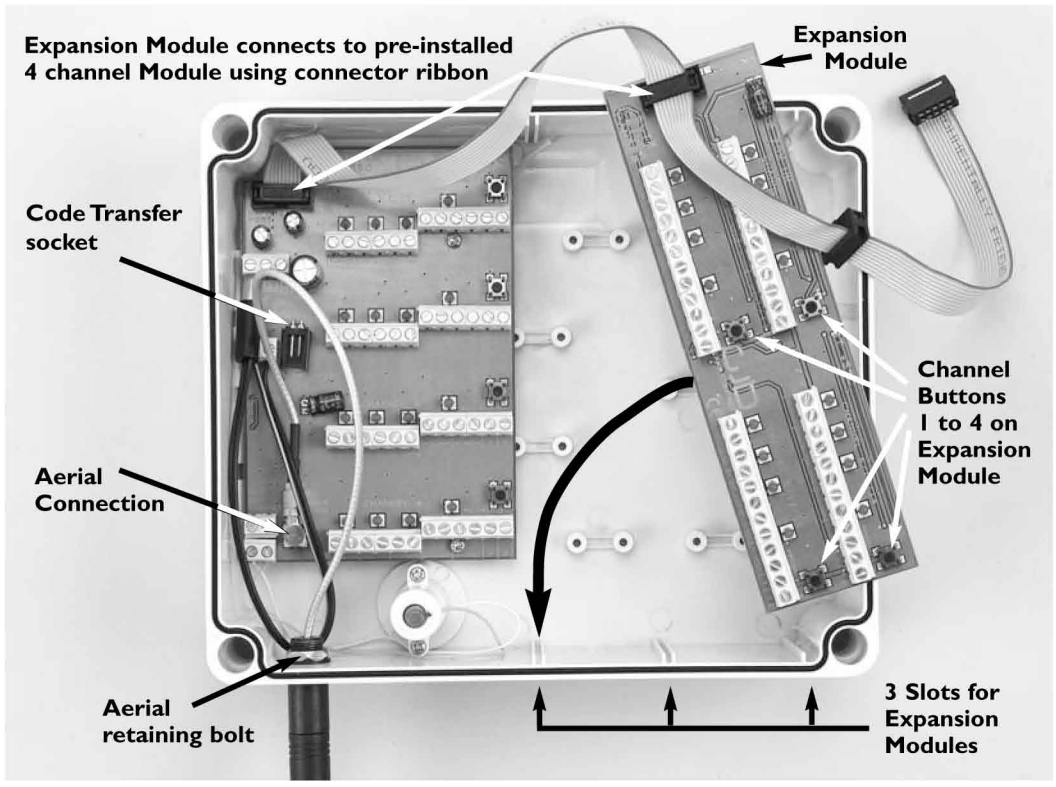


DIAGRAM 6 - Installing Expansion Module

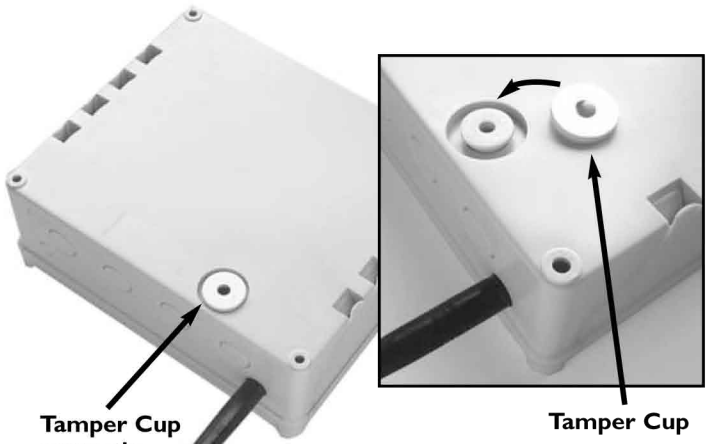


DIAGRAM 7 - Screw Receiver to wall ensuring Tamper Cup is correctly located

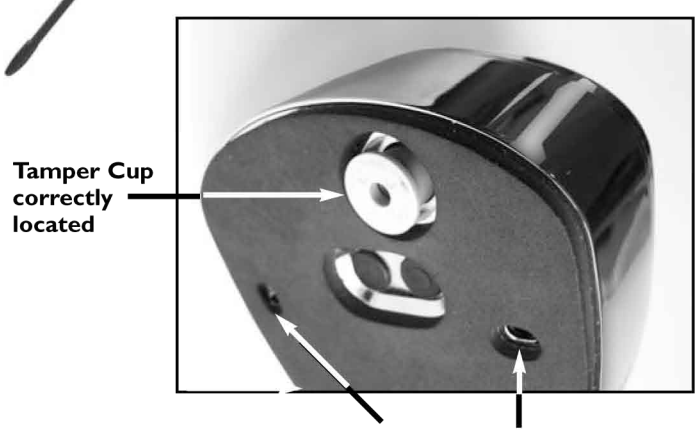
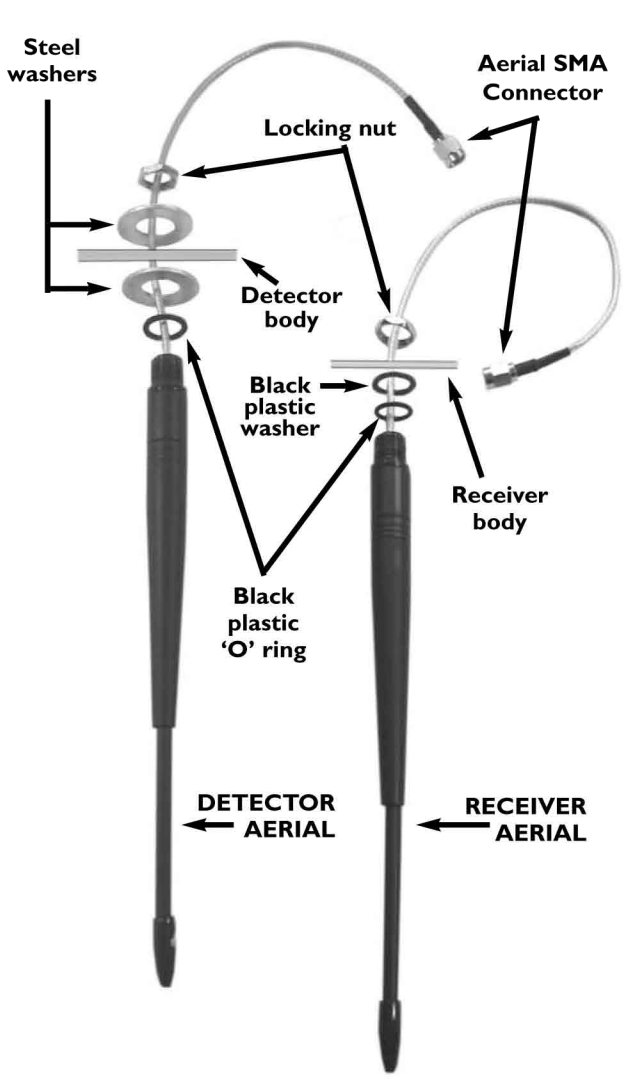


DIAGRAM 8 - Screw Detector to wall ensuring Tamper Cup is correctly located

Fitting Aerials to Detector & Receiver



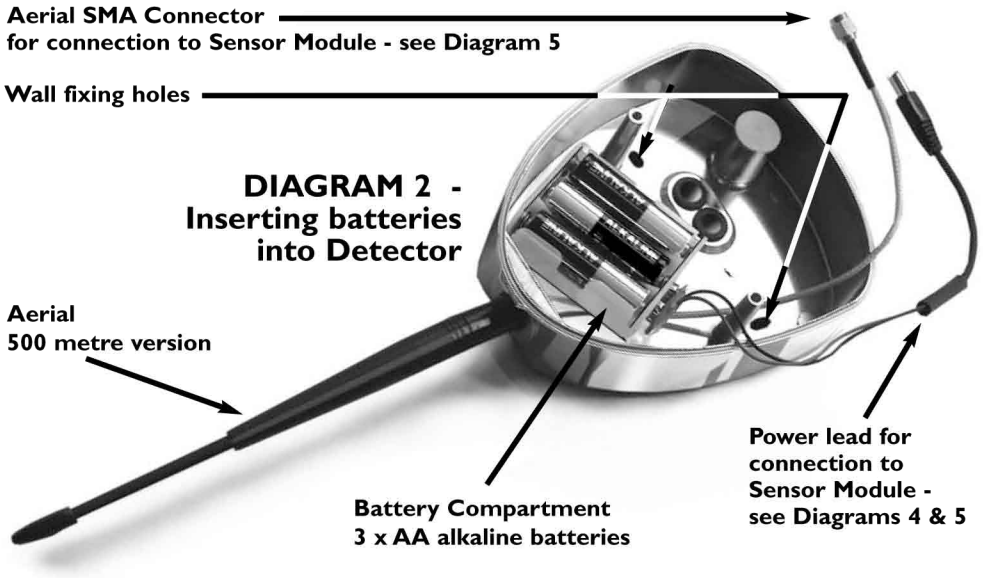


DIAGRAM 2 - Inserting batteries into Detector

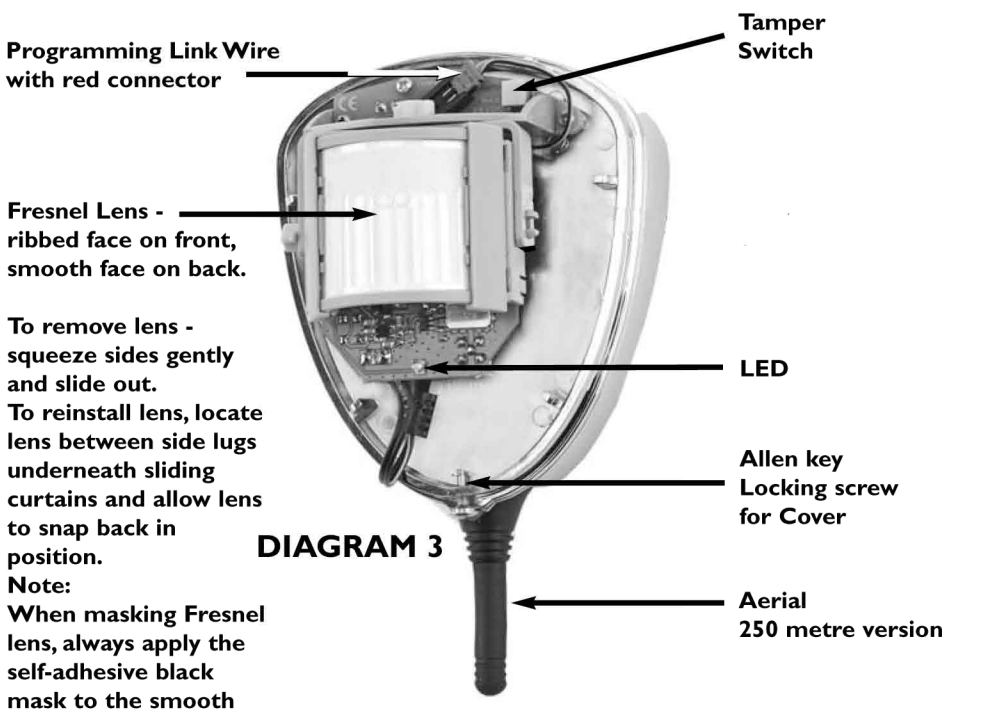


DIAGRAM 3

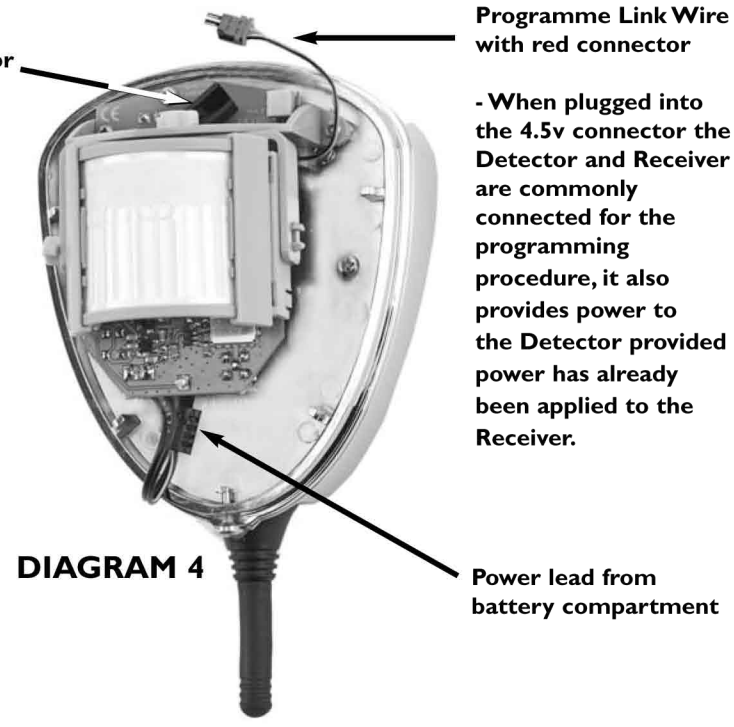


DIAGRAM 4

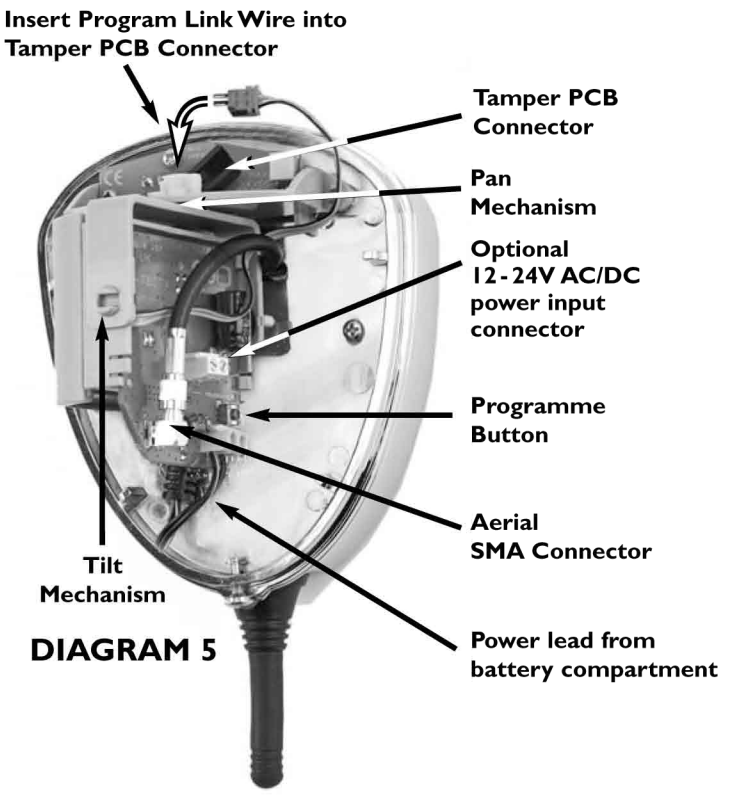


DIAGRAM 5

D-TECT X 50 WIRELESS DETECTOR & RECEIVER

TECHNICAL SPECIFICATIONS & BEAM PATTERNS

07103

SPECIFICATIONS - D-TECT X DETECTOR

GJD 510 (250 METRES)	GJD520 (500 METRES)
Transmission Range	250 or 500 metres (line of sight)
Wireless communication	868 MHz.
Transmission Codes	16,700,000
Beam Range Programmable	Up to 50m
Coverage	50x10m lens: 13 degree detection angle, 50mx10m coverage max.
Adjustment	180^0 pan + 90^0 tilt
Mounting Height Variable	Variable - optimum 3 m
Fresnel Lens	50x10m Lens: 4 main long range beams and 8 intermediate beams and 12 short range beams.
Customised Optics	Double silicon shielded quad element eliminates 50,000 lux of white light
Power input	3 x AA alkaline batteries or 12 - 24 V AC/DC.
Current	<100 uA (battery) 6mA (power supply).
Pulse Count	1 - 2
Walk Test	Output test mode using Walk Test Signal Strength Detector
Operating Temp.	-20^0C to + 55^0C Conformally coated electronics for increased stability
Temp. Compensation	Digital sensitivity adjustment
Adjustable timer options	2 to 60 seconds
Adjustable light sensing	Dusk (2 Lux) to 24 hour
Housing	High impact plated zinc alloy
Protection Rating	Minimum IP 55
Dimensions	145h x 145w x 120d mm (excluding aerial)
Weight	1310 grams NET, 1400 grams GROSS.
CE Approval	EMC & R&TTE

SPECIFICATIONS - D-TECT X RECEIVER

MASTER 4 CHANNEL RECEIVER GJD 392

Communication Range	250 or 500 metres (line of sight)
Transmission Codes	16,700,000
Power input	12 - 24V AC/DC 40 - 120 mA
Indicators	1 x LED on detection 1 x LED Tamper 1 x LED RF loss 1 x LED Low battery indication
Operating Temp.	-20^0C to + 55^0C Conformally coated electronics for increased stability
Connections	1 x programming socket for detectors Expansion socket for connection to additional modules
Capacity	4 detector module fitted as standard 3 slots for additional expansion modules (total 16 detectors)

RECEIVER 4 CHANNEL EXPANSION MODULE GJD 393

The Receiver has 3 slots in the housing to except up to 3 additional, 4 channel expansion modules

RECEIVER HOUSING

Case	High impact, flame retardant, UV stabilised Polycarbonate
Protection Rating	Minimum IP 55
Dimensions	210w x 180h x 75d mm
Weight	685g NET, 720g GROSS

ACCESSORIES

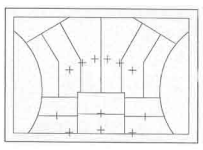
GJD 305 - Pole mount clamp

GJD 393 - 4 Channel Expansion Module

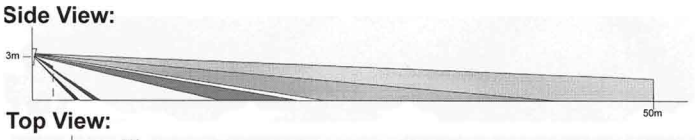
GJD 394 - Walk test and signal strength indicator

BEAM COVERAGE

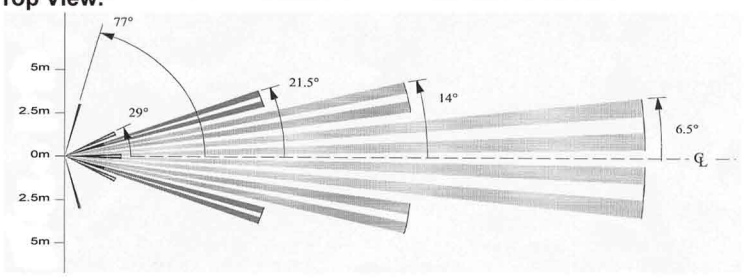
Front View: 50mx10m Lens



Side View:



Top View:



DETECTOR ALIGNMENT

Movement across the beams produces the best response and range, whilst movement towards the detector will be less responsive. The unit detects the changes in and movement in the beam pattern, therefore items such as trees, shrubs, ponds, boiler flues and animals should be considered when positioning the detector.

NOTE: It is important that the front of the protective cover is fitted to the detector before beam pattern alignment or output testing is undertaken as the range of the detector increases without this cover and therefore settings will be incorrect.

Always replace the lens the correct way up to ensure the correct beam pattern coverage **(the top of the Fresnel lens is marked - TOP).**

GJD TAKE CONTROL

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bsia british security industry association