Prestige Compact XT

Digital Miniature PIR

INSTALLATION INSTRUCTIONS

THANK YOU FOR VOTING TEXECOM

Ask your distributor today for the Texecom full colour Product Guide.

Texecom
www.texe.com

QUALITY ASSURANCE

BSI REGISTERED — UKAS QUALITY MANAGEMENT 003

Certificate Number: FM 35285

BSIA — British Security Industry Association

CE

WARRANTY

10 year replacement warranty.

The *Prestige Compact XT* is designed to detect the movement of an intruder and activate an alarm control panel. As the *Prestige Compact XT* is not a complete alarm system, but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *Prestige Compact XT* failed to function correctly.

All specifications are measured at 20°C (68°F). Due to our policy of continuous improvement Texecom reserves the right to change specification without prior notice.

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1 PHYSICAL

90mm (3.6″)
40mm (1.6″)
63mm (2.5″)
2.5mm (0.1″) ABS

2 ENVIRONMENTAL

-35°C (-31°F) to +60°C (+140°F)

125g (4.5oz) approx.

-35°C (-31°F) to +55°C (+131°F)

4

FTA TAMPER 0V +12V ALARM RLED

Latch Input Functions (see Section 5)
TAMPER 50mA (N/C) <24Vdc
0V
+12V 9mA @ 12Vdc 9-16Vdc
ALARM 50mA, 23Ω (N/C) <24Vdc
Remote LED 12V 0V

EOL RESISTOR HEADERS (See Section 14)
EOL Resistance
Alarm Resistance

DIGITAL PULSE COUNT

0.3 - 3.0m/s
1 - 10ft/s

LED ON
LED OFF
DO NOT TOUCH

JP1 JP2 JP3 JP4

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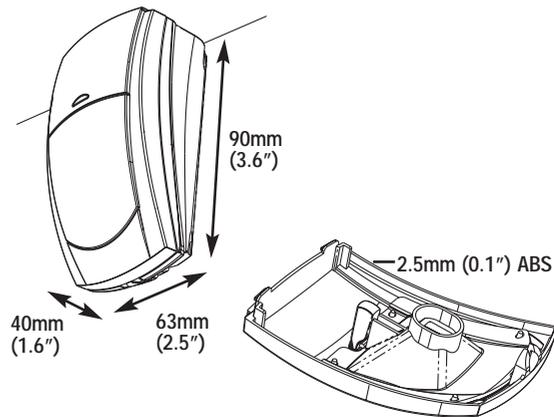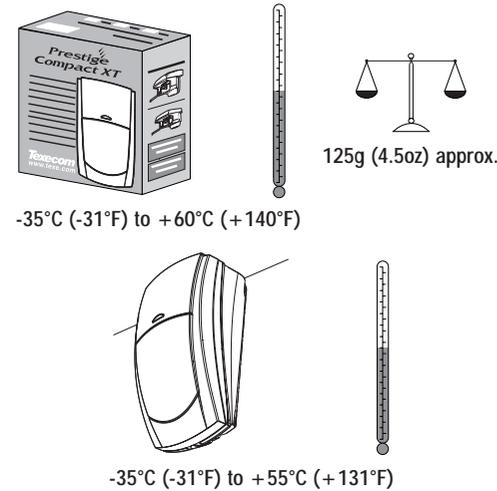
3 STANDARDS & APPROVALS

|	
Detector Standard:	Designed to comply with TS 50131-2-2 Grade 2 Environmental class II.
System Standard:	Suggested use: within a BS EN 50131-1 Grade 2 system.
EMC:	Independently certified to EN 50130-4 : 1996.
RF Immunity:	No false alarms from 80MHz to 1GHz at 10V/m. Complies with BS EN 61000-4-3 : 2002.
Electrostatic Discharge:	No false alarm up to 8kV. Complies with BS EN 61000-4-2 : 1995.
Fast Transient Immunity:	No false alarm up to ± 4kV. Complies with BS EN 61000-4-4 : 1995.
High Energy Transient Immunity:	No false alarm up to ± 1kV. Complies with BS EN 61000-4-5 : 1995.
Conducted RF Susceptibility:	No false alarms at 10Vrms. Complies with BS EN 61000-4-6 : 1996.
Conducted Emissions:	Complies with EN 55022 Class B.
Radiated Emissions:	Complies with EN 55022 Class B.

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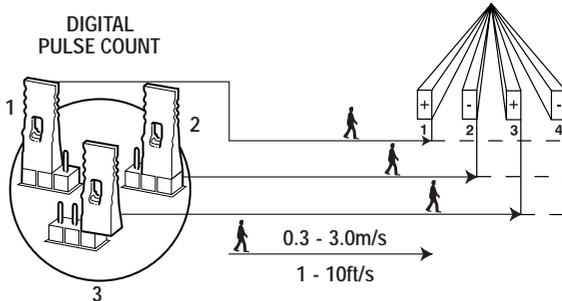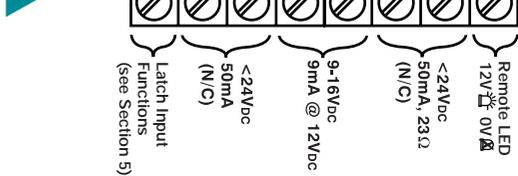
5 LATCH INPUT FUNCTIONS
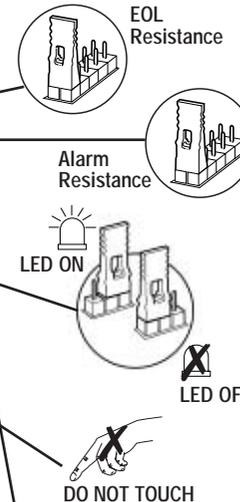
The latch terminal (see Section 4) can perform several different functions depending on how it is connected:

Latch connected to Set Positive (SW+, Set+): The LED will be disabled while the system is set. Any detectors triggered while the system is set will indicate this by permanently lighting the LED (upon unsetting the system). Detectors can be reset by taking the latch line high and then low again.

Latch connected to Alarm Positive (AL+, A+ve): The first detector activated while the system is set will indicate this with a slowly flashing LED (upon unsetting the system). Detectors subsequently activated will indicate this by permanently lighting their LED. Detectors can be reset by taking the latch line high and then low again.

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6 COVERAGE AND PICK-UP

15m 50′
90°
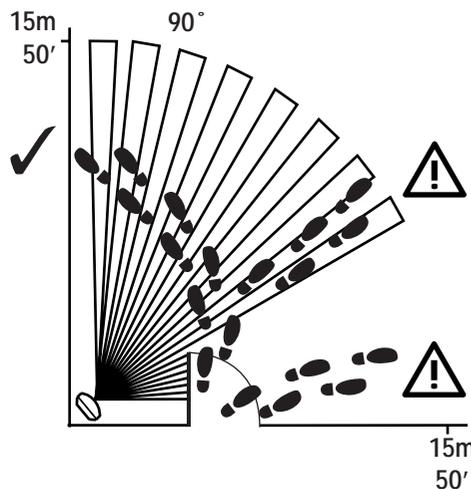
7 ANGLING THE DETECTOR

2m 6'7"
15m 50'
4m 13'1"
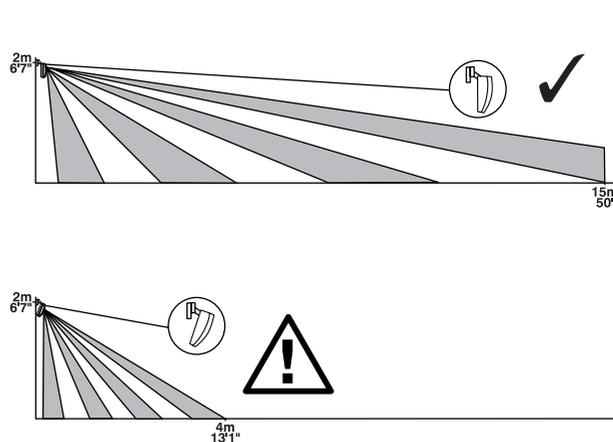
8 MOUNTING HEIGHT AND SETTINGS

3.0m (10'0")
2.0m (6'6")
1.3m (4'3")

1.3m/4'3"
2.0m/6'6"
3.0m/10'0"

9 COVERAGE AT 2m

2m 6'7"
15m 50'
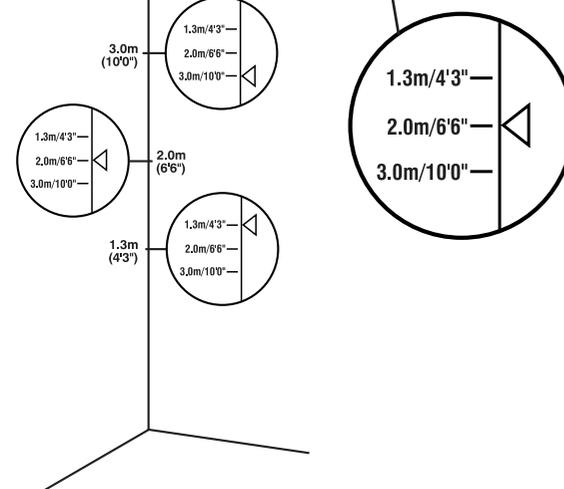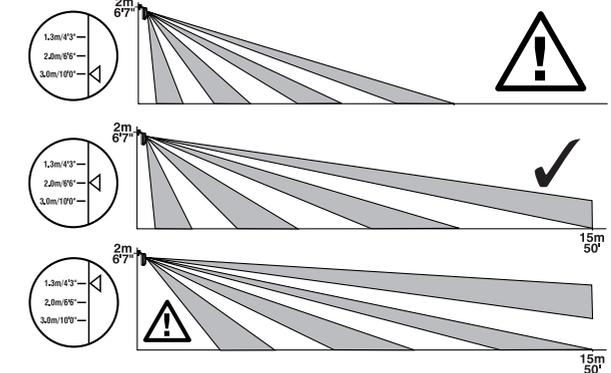
10 COVERAGE PATTERN

VOLUMETRIC

TOP VIEW

| -2m -6'7" | 2m 6'7" | 6m 19'8" | 10m 32'9" | 14m 45'10" |

90°

16m / 14m / 12m / 10m / 8m / 6m / 4m / 2m / 0m

| -4m -13'1" | 0m 0'0" | 4m 13'1" | 8m 26'2" | 12m 40'0" | 16m 53'1" |

SIDE VIEW

2m 6'7" / 0m

| 2m 6'7" | 4m 13'1" | 6m 19'8" | 8m 26'2" | 10m 32'9" | 12m 40'0" | 14m 45'10" | 16m 53'1" |

See Mounting Height Diagram (Section 8)
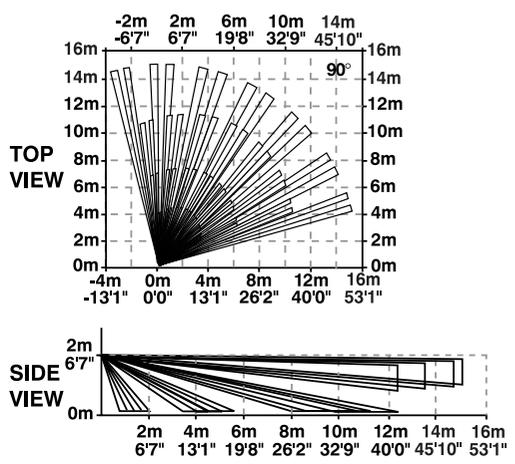
11 MOUNTING

For indoor use only

Mount on a stable surface
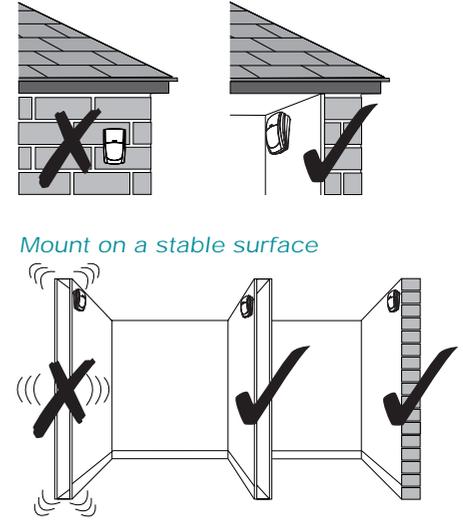
12 WIRING

Do not run cable parallel to mains wiring

230V 110V
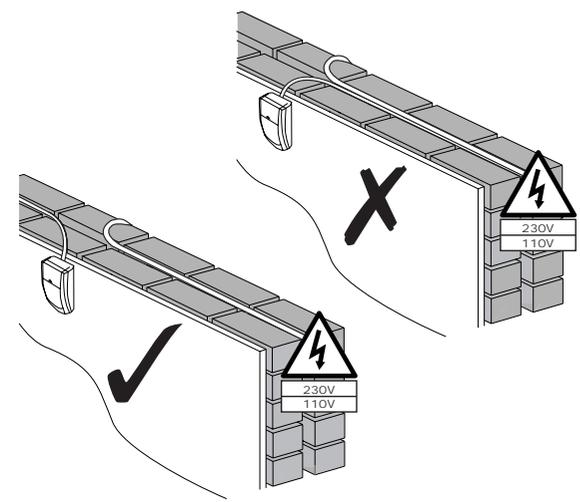
13 CHOOSING A LOCATION

Avoid common false alarm sources
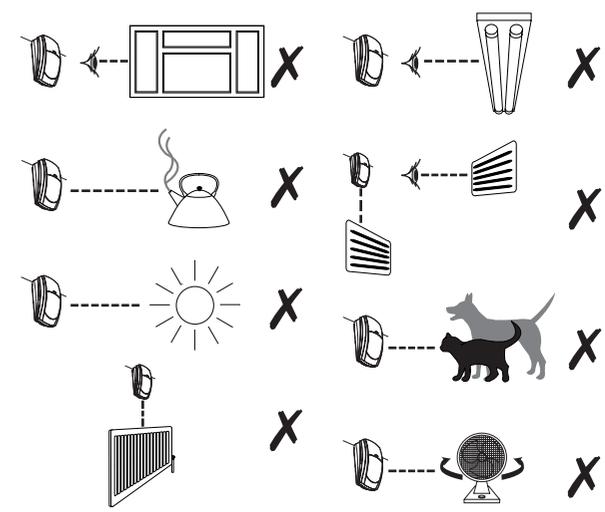
14 EOL RESISTOR HEADERS

The headers JP1 and JP2 (see Section 4) are used to select resistances for End-of-Line (EOL) wiring applications.

JP1 Selects the End-of-Line resistance. Equivalent to wiring a resistor of the selected value as shown.

JP2 Selects the resistance across the alarm relay. Equivalent to wiring a resistor of the selected value as shown.

FTA TAMPER 0V +12V ALARM RLED

JP1   JP2

0/C 10K 5K6 2K2 1K0   Tamp Alarm   0/C 22K 5K6 4K7 1K0
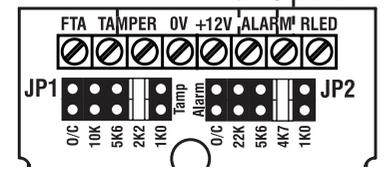
If EOL wiring is not used, the headers should be left in the default (O/C) position. If the required resistance values are not available, leave the headers in the O/C position and wire in external resistors as normal.

EOL Settings for Texecom Panels	JP1	JP2
Veritas	10k	22k
Premier & Premier International	2k2	4k7

**EXAMPLES OF EOL HEADER USE - Values shown are for Premier Panels**

**Double Pole (headers not used)**
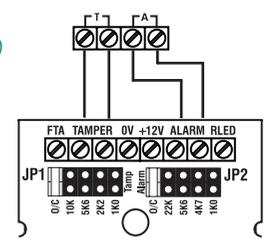
**Dual End-of-Line (DEOL)**
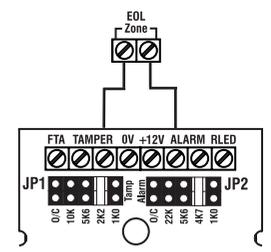
Two DEOL detectors to one zone
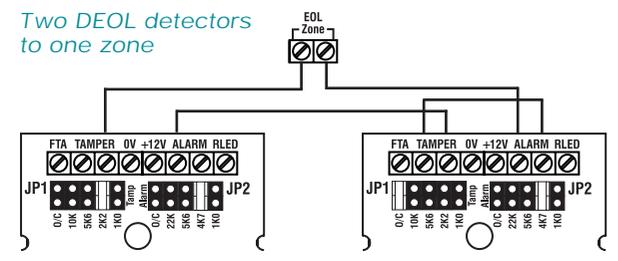
15 DETECTOR KNOCKOUTS
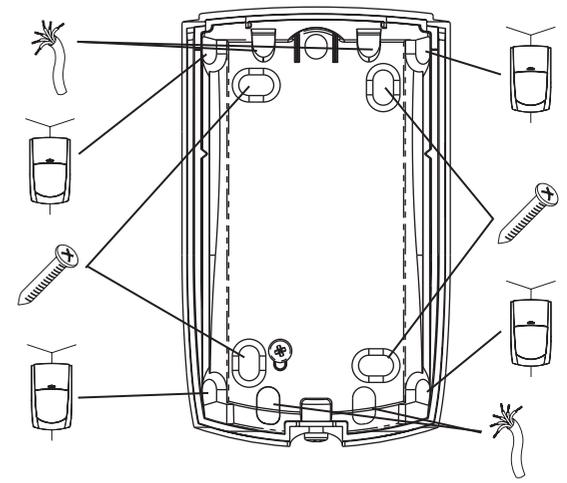
16 CEILING MOUNT BRACKET

1   2   3   4

5

Seal all holes

ALARM RLED

6
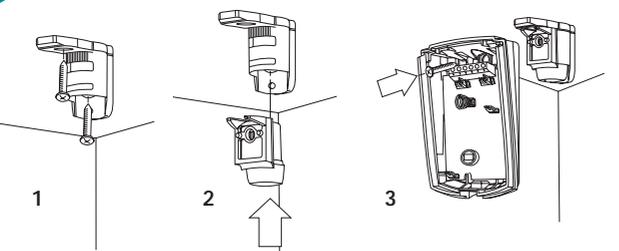
17 WALL MOUNT BRACKET

1   2   3   4
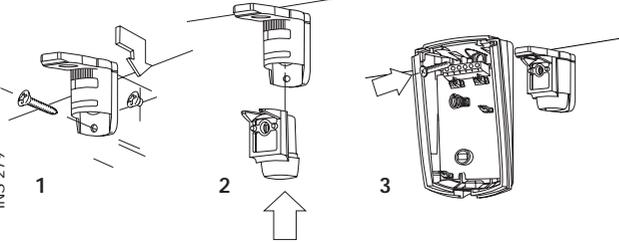
18 MOUNTING WITHOUT BRACKETS

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