

Prestige DT

Professional Dual Technology Detector

INSTALLATION INSTRUCTIONS



THANK YOU FOR VOTING TEXECOM

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

Texecom
www.texe.com

QUALITY ASSURANCE



Certificate Number: FM 35285



WARRANTY

10 year replacement warranty.

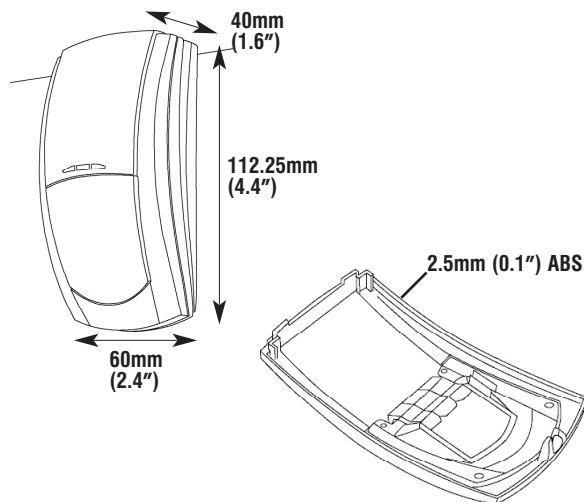
The *Prestige DT* is designed to detect the movement of an intruder and activate an alarm control panel. As the *Prestige DT* is not a complete alarm system, but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *Prestige DT* failed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

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

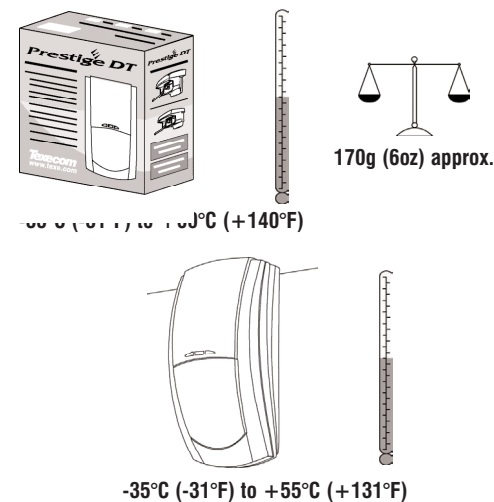
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The *Prestige DT* is protected by UK & International Registered Designs. Registered Design No's: 3004997, 3004260 & 3004261. Prestige is a Trademark of Texecom Ltd.

1 PHYSICAL



2 ENVIRONMENTAL



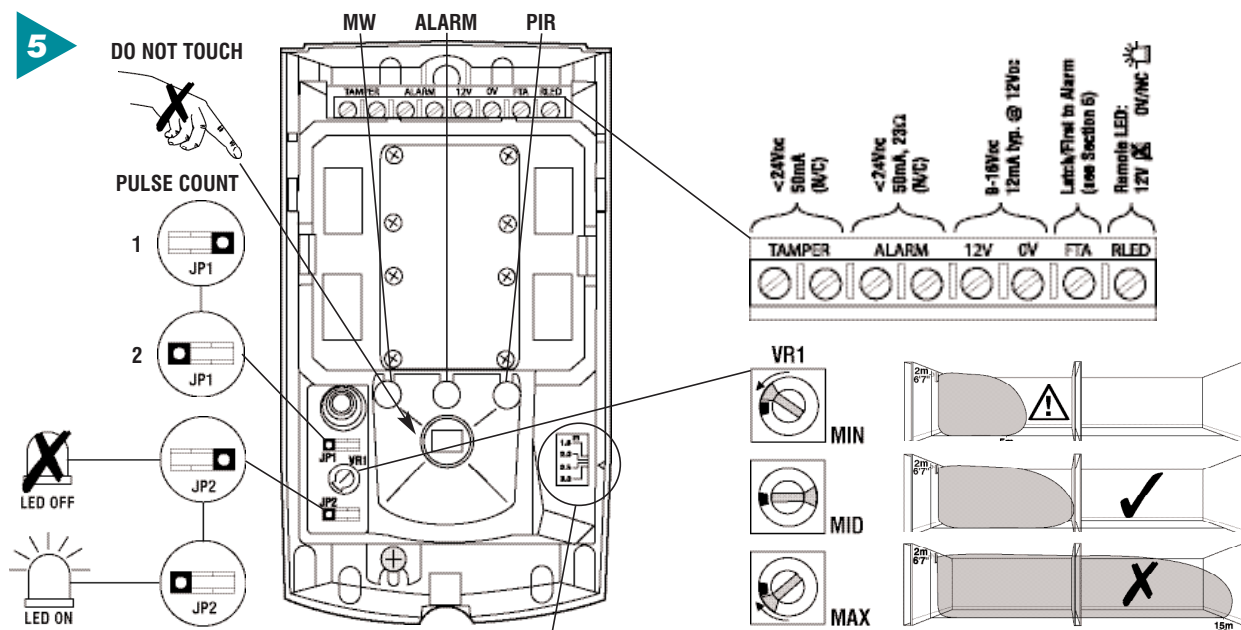
3 FALSE ALARM PROTECTION

| | |
|--|---|
| Design: | Microprocessor based Fuzzy Logic signal analysis. Neural based environment learning. Fluorescent light protection filter. |
| RF Immunity: | No false alarms from 80MHz to 1GHz at 10V/m. Complies with BS EN 61000-4-3 : 2002. |
| Electrostatic Discharge: | No false alarms up to 8kV. Complies with BS EN 61000-4-2 : 1995. |
| Fast Transient Immunity: | No false alarms up to ±4kV. Complies with BS EN 61000-4-4 : 1995. |
| High Energy Transient Immunity: | No false alarms up to ±2kV. 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. |
| Electrical Safety: | Complies with EN 60950-1 : 2002 |
| EMC: | Independently Certified to EN 50130-4 : 1996. Independently Certified to EN 300 440-1 : 2001 Independently Certified to EN 301 489-3 : 2002 |
| Pulse Count: | Digital pulse count. Internal link to select. |

4 DECLARATION OF CONFORMITY

| | |
|--|---|
| This declaration is valid for the following product: | |
| Device Type: | Dual Technology Detector - DTD007-x |
| Product Name: | Prestige DT |
| Equipment Classification: | Short Range Device, Class 2 |
| Notified Body Number: | 0891 |
| This is to confirm that this product meets all essential protection requirements relating to: | |
| EMC Directive: | 89/336/EEC (amended by 92/31/EEC & 93/68/EEC) |
| R&TTE Directive: | 1999/05/EC |
| Low Voltage Directive: | 73/23/EEC |
| The assessment of this product has been based on the following standards: | |
| EN 55022 : 1998 | Emission Standard for Information Technology Equipment. |
| EN 50130-4 : 1996 | Immunity Standard for Fire Intruder and Social Alarm Systems. |
| BS EN 60950-1 : 2002 | Low Voltage Devices – Electrical Safety |
| ETSI EN 300 440-1 : 2001 | Radio standard for short range devices (1GHz – 40GHz) |
| ETSI EN 301 489-3 : 2002 | EMC standard for short range devices (9kHz – 40GHz) |
| On behalf of the manufacturer: | |
| Texecom Ltd., 559 Wilbraham Road, Manchester, M21 0AE | |
| This declaration is submitted by: | |
| R J Austen, Managing Director | |
| 9th October 2003 | |

5



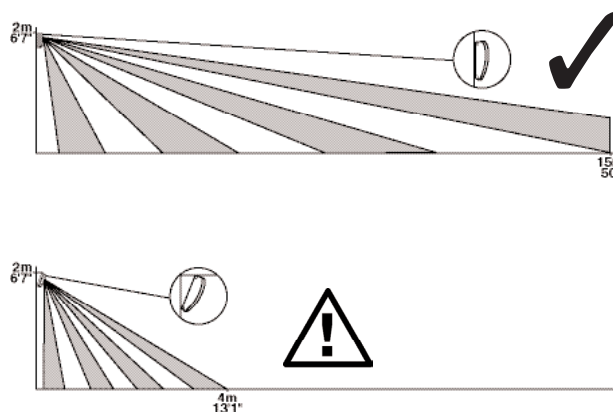
6 LATCH INPUT FUNCTIONS

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

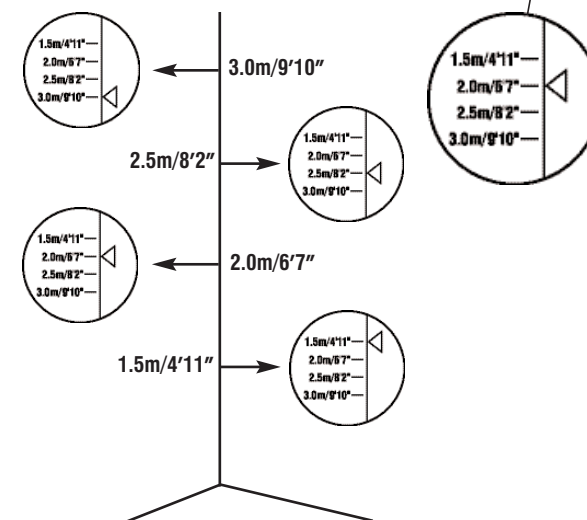
Latch connected to Set Positive (SW+, Set+): The LEDs will be disabled while the system is set. Any detectors triggered while the system is set will indicate this by permanently lighting the alarm LED (upon unsetting the system). Detectors can be reset by taking the latch line high and then low again.

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

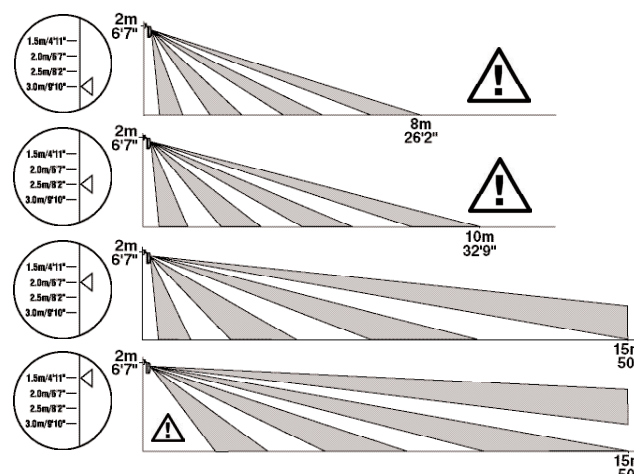
7 ANGLING THE DETECTOR



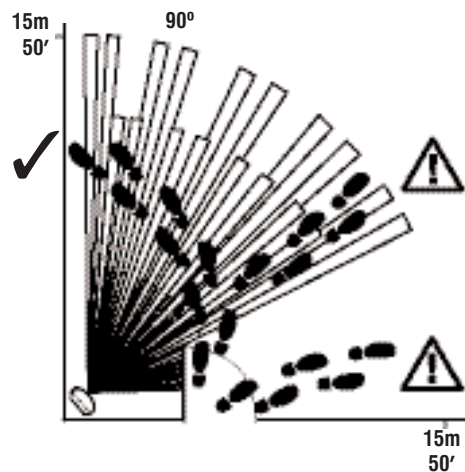
8 MOUNTING HEIGHT AND SETTINGS



9 ALTERING COVERAGE AT 2m MOUNTING HEIGHT

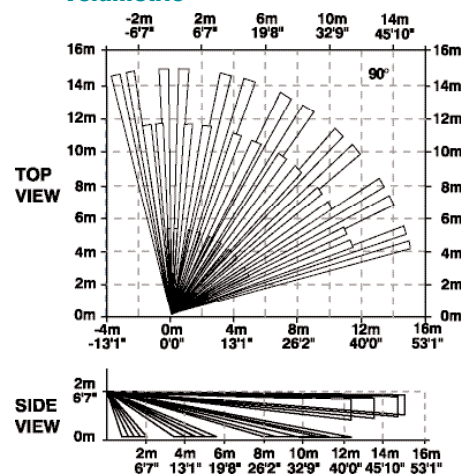


10 COVERAGE AND PICK-UP



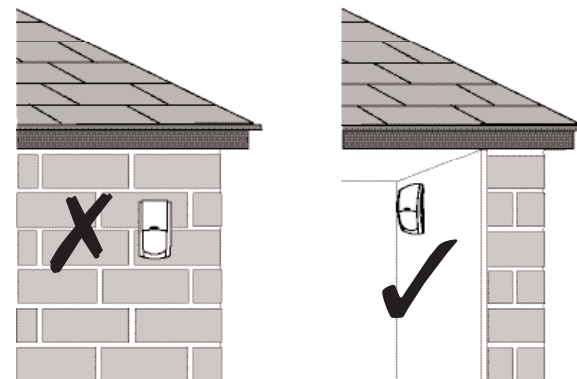
11 COVERAGE PATTERN

Volumetric



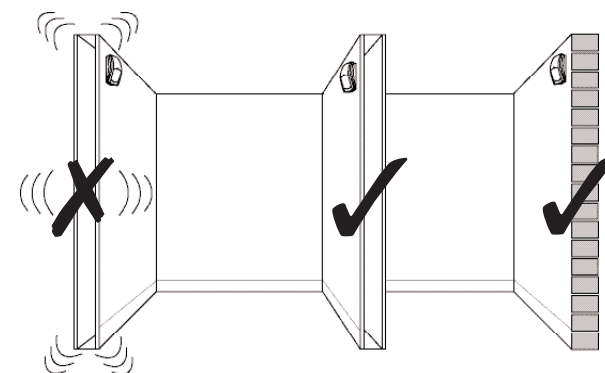
See Mounting Height Diagram (Section 8)

12 MOUNTING THE PRESTIGE DT



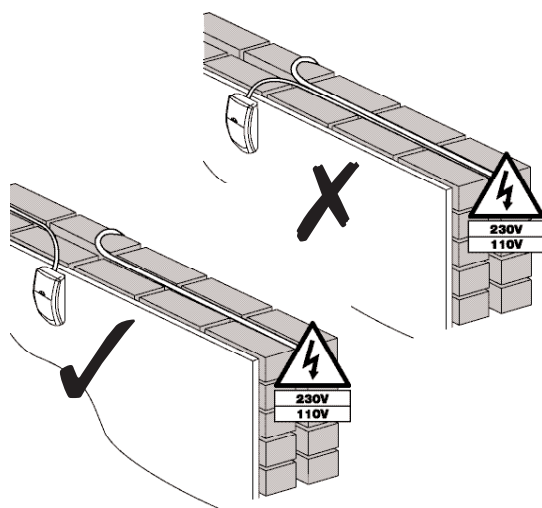
13 MOUNTING THE PRESTIGE DT

Mount on a stable surface



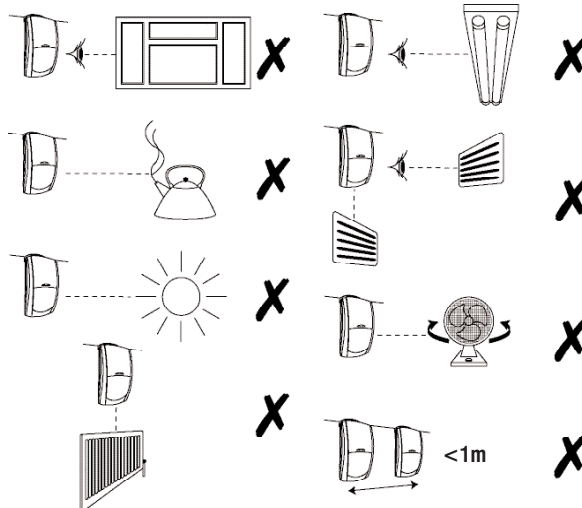
14 WIRING

Do not run cable parallel to mains wiring



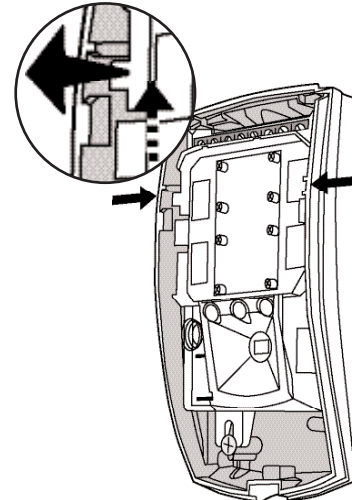
15 CHOOSING A LOCATION

Avoid common false alarm sources

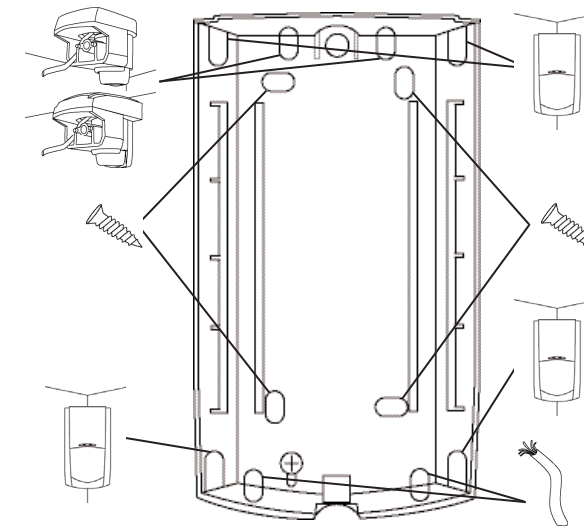


16 HOW TO REMOVE THE CHASSIS

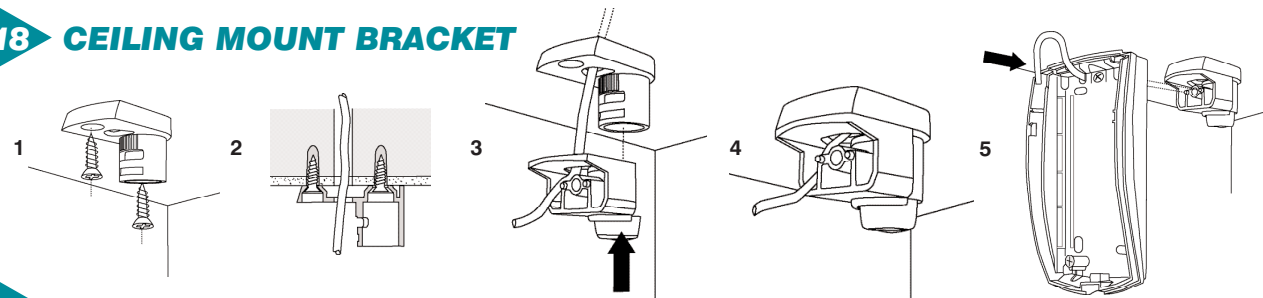
Remove chassis before mounting the detector



17 DETECTOR KNOCKOUTS



18 CEILING MOUNT BRACKET



19 WALL MOUNT BRACKET

