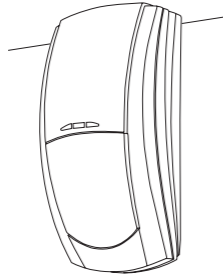


Prestige DT

Professional Dual Technology Detector

INSTALLATION INSTRUCTIONS



INS 332



Texecom
www.texe.com

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



Certificate Number: FM 35285

Made In England

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 68°F (20°C).

This equipment may be operated in the following countries:

10.525GHz: BEL, CYP, DNK, GRC, HUN, IRL, ITA, LVA, LTU, LUX, MLT, NLD, POL, ROU, SVN, ESP, SWE, ISL, CAN, USA

FCC ID: MYJPRESTIGE-DT

© 2007 Texecom Ltd. The *Prestige DT* is protected by UK & International Registered Designs. Registered Design No's: 3004997, 3004260 & 3004261. Prestige is a trademark of Texecom Ltd.



FCC NOTICE

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

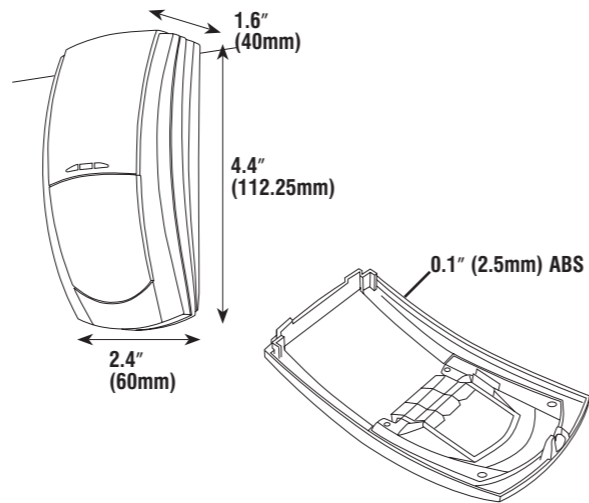
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced Radio/TV technician for help.

Changes or modifications not expressly approved by Texecom Limited could void the user's authority to operate this equipment.

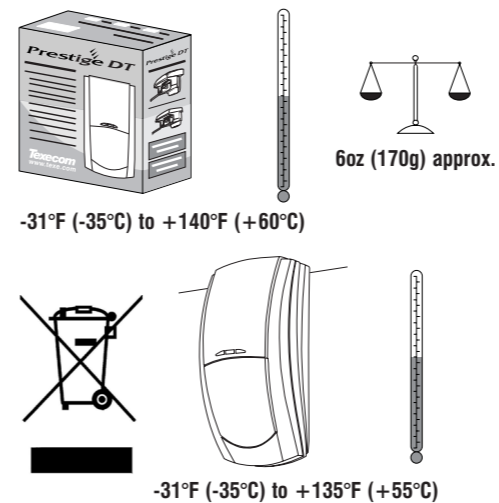
IC Notice:

This Class B digital apparatus complies with the Canadian ICES-003. Cet appareil numérique de la Classe B est conforme à l'ICES-003 Canadien.

1 PHYSICAL



2 ENVIRONMENTAL



3 STANDARDS & APPROVALS

UL Standard:	UL639 Intrusion Detection Unit.
EU Detector Standard:	Independently Certified to TS 50131-2-4 Grade 2 Environmental Class II.
EU System Standard:	Suitable for use in a PD 6662/BS EN 50131-1 Grade 2 system. Environmental Class II.
EMC:	Independently Certified to EN 50130-4 : 1996. A1 : 1998, A2 : 2003.
RF Immunity:	No false alarms from 80MHz to 2GHz 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 & Radiated Emissions:	Complies with EN 55022 Class B. EN 61000-6-3 : 2001, A11 : 2004
Product Identifier:	DT.

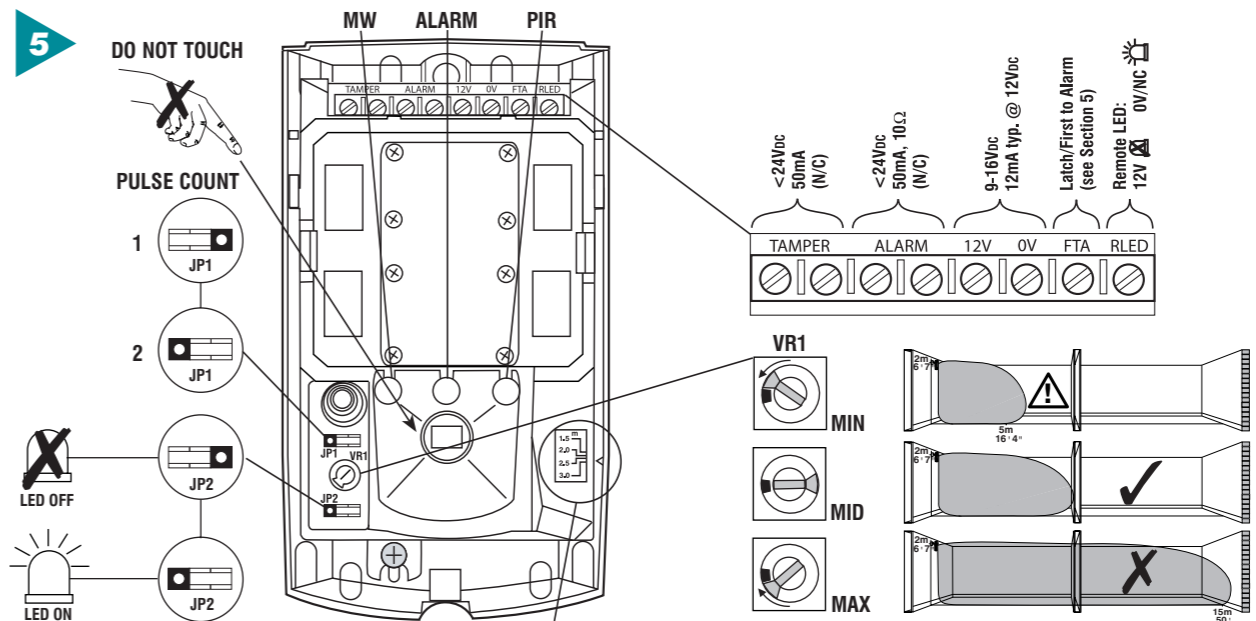
4 LATCH INPUT FUNCTIONS

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

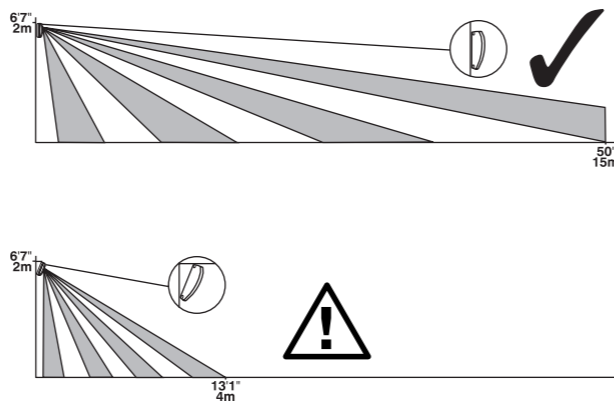
Latch connected to Set Positive (SW+, Set+): The LEDs will be disabled while the system is set. Any detectors triggered while the system is set will indicate this by permanently lighting the alarm LED (upon unsetting the system). Detectors can be reset by taking the latch line high and then low again.

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.

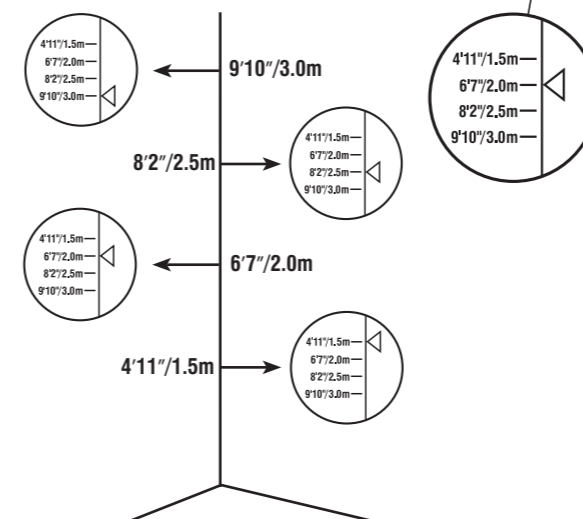
5



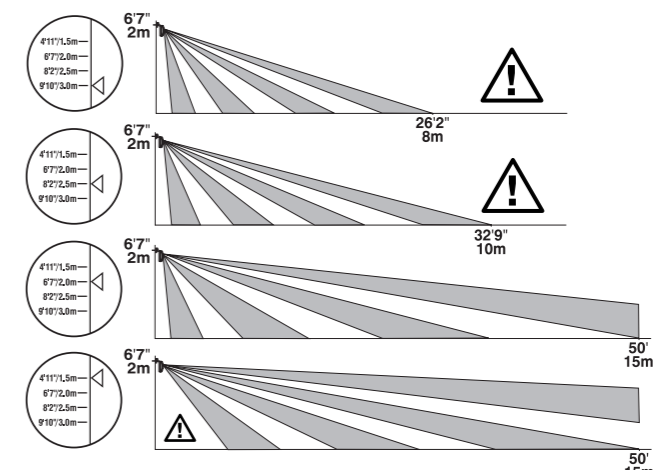
6 ANGLING THE DETECTOR



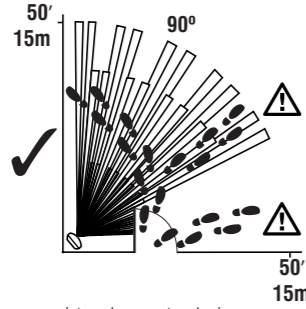
7 MOUNTING HEIGHT AND SETTINGS



8 ALTERING COVERAGE AT 6'7"/2m MOUNTING HEIGHT



9 CONFIGURING SENSITIVITY & TESTING

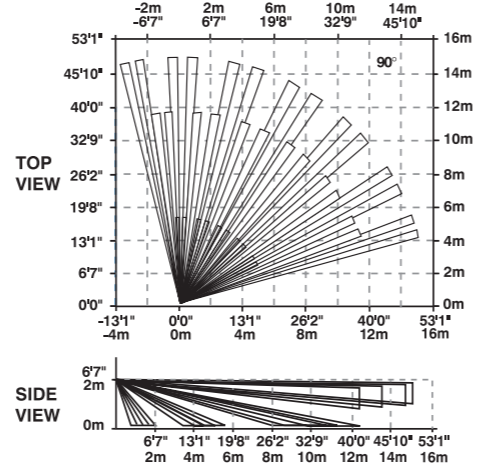


Select the appropriate pulse count and microwave range for the intended installation with JP1 and VR1 and enable the LEDs with JP2. Replace the cover, apply power to the detector and wait 1 minute for the warm-up period to complete.

With the area free of people, walk through the desired protected area and ensure that the detector operates correctly. Ensure that all the detector LEDs illuminate and that the relay contacts open to signal an alarm.

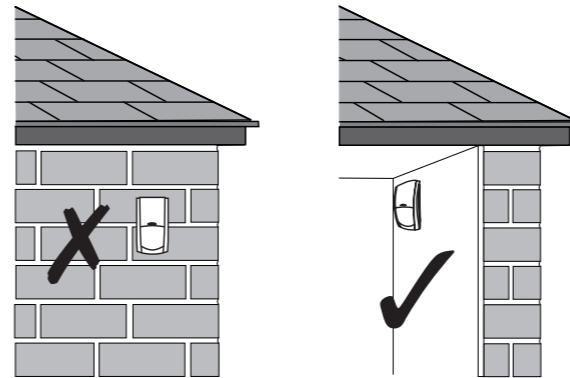
As the absolute range of PIR detectors can vary with ambient temperature, background and clothing type, ensure that the most likely intruder routes are well within the detectors range and walktesting is carried out along these routes. The LEDs may be disabled after testing. Ensure changes in the installation environment do not affect the detectors field of view.

10 COVERAGE PATTERN Volumetric

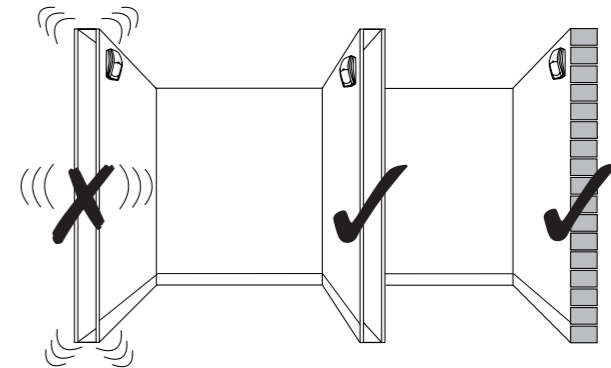


See Mounting Height Diagram (Section 7)

11 MOUNTING THE PRESTIGE DT For indoor use only

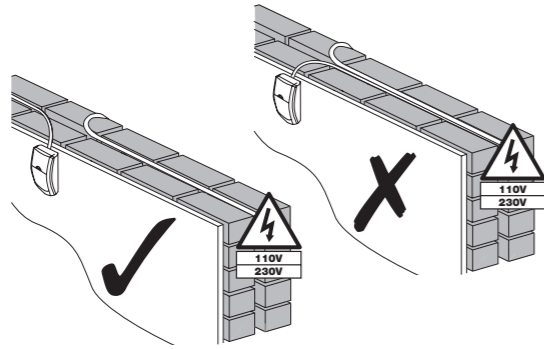


12 MOUNTING THE PRESTIGE DT Mount on a stable surface

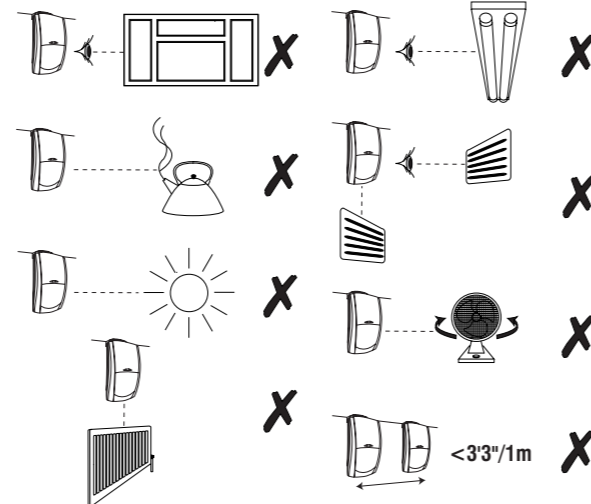


13 WIRING Do not run cable parallel to mains wiring

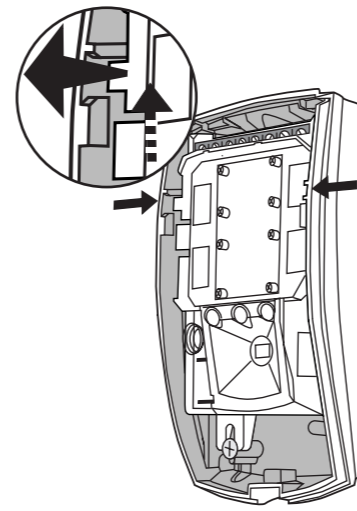
In North America the *Prestige DT* must be connected to a UL (USA or CSA-Canada) approved power supply, current limited to its rated value, capable of providing at least 26mA per *Prestige DT* at 12Vdc nominal (9-16Vdc range), and capable of providing 4 hours minimum standby power. Installation in the USA must comply with National Electrical Code, NFPA70. Installation in Canada must comply with Canadian Electrical Code Part 1.



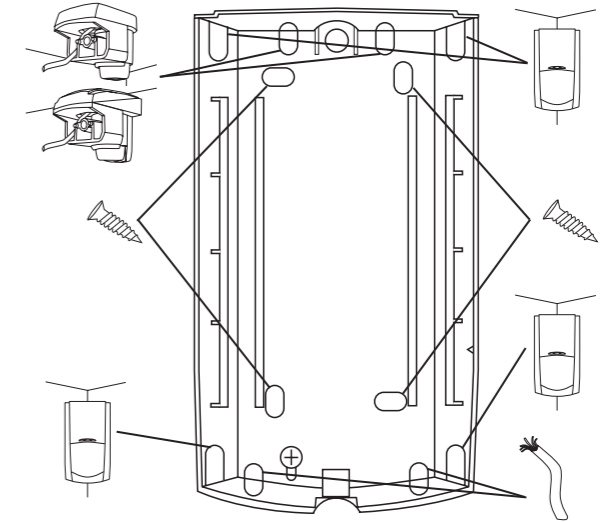
14 CHOOSING A LOCATION Avoid common false alarm sources



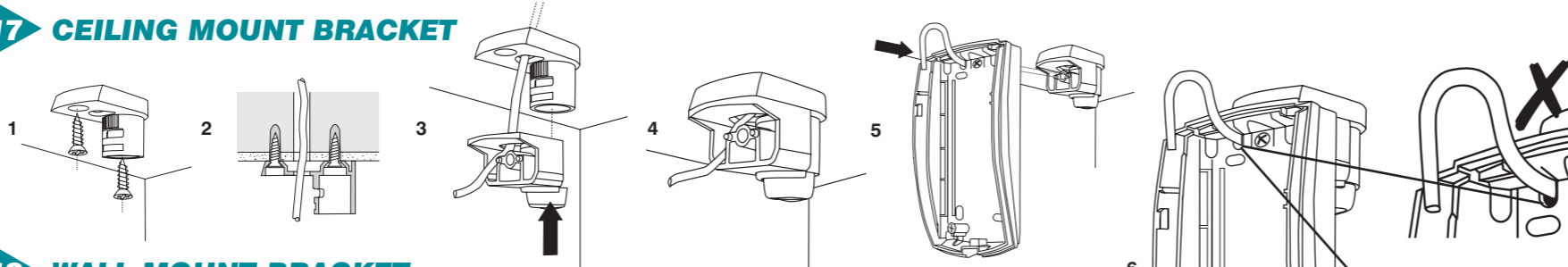
15 HOW TO REMOVE THE CHASSIS Remove chassis before mounting the detector



16 DETECTOR KNOCKOUTS



17 CEILING MOUNT BRACKET



18 WALL MOUNT BRACKET

