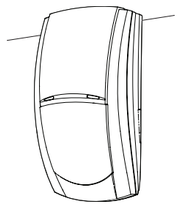
Prestige AMDT Plus

Grade 3 Anti-Masking Dual Technology

INSTALLATION INSTRUCTIONS



Texecom

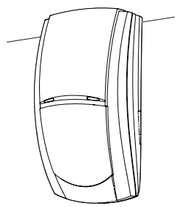
Designed to Perform

INS 317-5

Prestige AMDT Plus

Grade 3 Anti-Masking Dual Technology

INSTALLATION INSTRUCTIONS



Texecom

Designed to Perform

INS 317-5

QUALITY ASSURANCE

Certificate Number: FM 35285

MADE IN ENGLAND

WARRANTY

10 year replacement warranty.

The *Prestige AMDT Plus* is designed to detect the movement of an intruder and activate an alarm control panel. As the *Prestige AMDT Plus* 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 AMDT Plus* 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 20ºC (68ºF).

1 INTRODUCTION

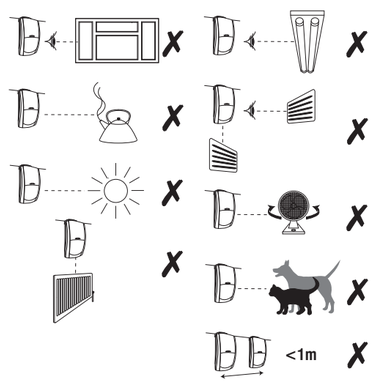
The *Prestige AMDT Plus* is a grade 3 anti-masking digital dual technology detector. The combination of active IR and microwave proximity obstruction detection provides unparalleled anti-masking reliability. Rear tamper protection, fault monitoring and Triple End-Of-Line (T-EOL) signalling provide compliance with EN 50131-2-4.

Outstanding features include:

- 15m Volumetric PIR and Microwave Detection
- Active IR Anti-Masking
- Triple-End-Of-Line (T-EOL) Signalling
- Digital Microprocessor Technology
- Wall Tamper Detection
- Remote Self-Test Feature

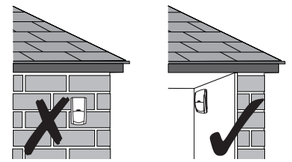
2 CHOOSING A LOCATION

Avoid common false alarm sources

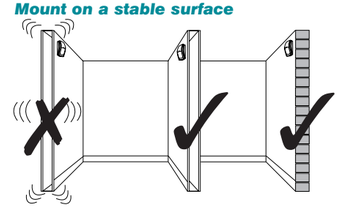


3 MOUNTING

For indoor use only

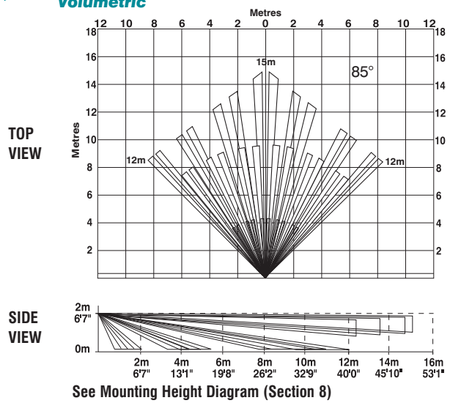


Mount on a stable surface



4 COVERAGE PATTERN

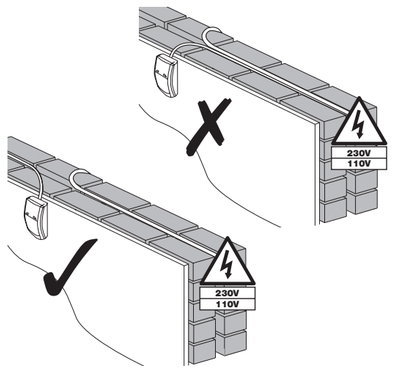
Volumetric



See Mounting Height Diagram (Section 8)

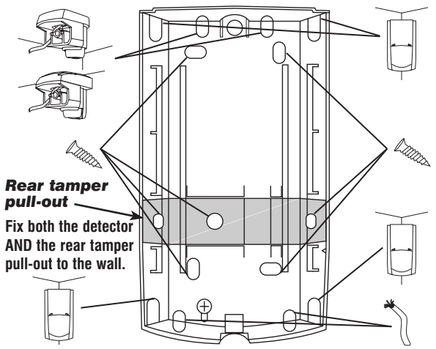
5 WIRING

Do not run cable parallel to mains wiring



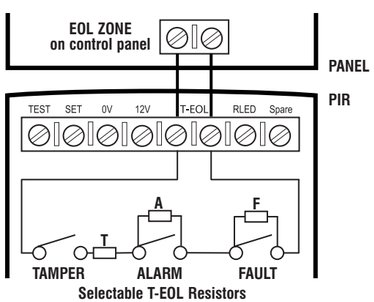
6 DETECTOR KNOCKOUTS

Rear tamper pull-out needs to be secured to the mounting surface to meet Grade 3 requirements of EN50131-2-4



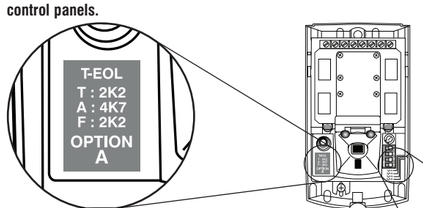
7 TRIPLE END-OF-LINE (T-EOL)

The *Prestige AMDT Plus* is designed to be connected to a single zone on control panels which feature Triple End-Of-Line (T-EOL) compatibility. Alarm, Tamper, Fault and Masking are signalled on one pair of wires. To aid installation the resistor values can be selected via the T-EOL plug-on board. All the connections are normally closed. **Masking is signalled by the alarm and fault relays opening simultaneously.**



Selectable T-EOL Resistors

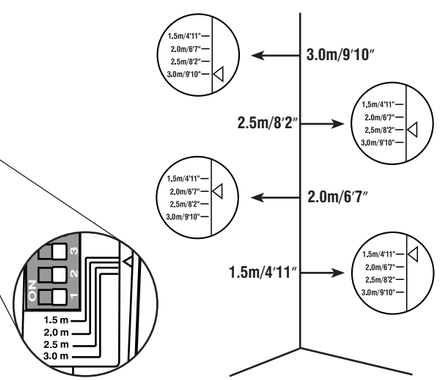
Use the Option A T-EOL board with Texecom's Premier range of control panels.



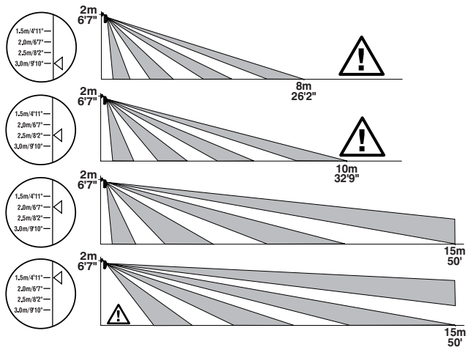
A range of other T-EOL values are available separately.

For use with the following Premier software versions (or above)	
Premier 24: V7	Premier 412/816: V10
Premier 48: V7	Premier 832: V3
Premier 88/168: V7	Keypads: V7
Premier 640: V7	Expanders: V7

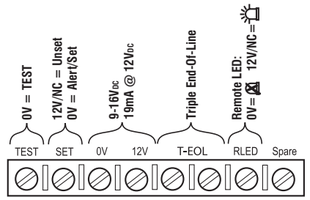
8 MOUNTING HEIGHT & SETTINGS



9 ALTERING COVERAGE AT 2m MOUNTING HEIGHT

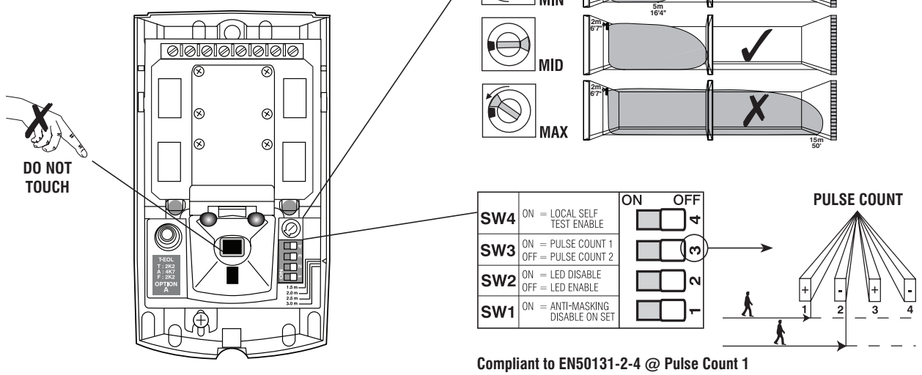


10 WIRING & DETECTOR SET-UP



INPUT FUNCTIONS:		
RLED:	12V/No connection:	LED's will function in accordance with the setting of SW2
	0V:	LED's will not function even if they are enabled via SW2
SET:	12V/No connection:	Detector is in the Standby/unset mode
	0V:	Detector is in the Alert/set mode
TEST:	12V/No connection:	Normal operation
	0V:	Initiate remote self-test

11 DETECTOR SET-UP



Compliant to EN50131-2-4 @ Pulse Count 1

12 GRADE 3 ANTI-MASKING

- The *Prestige AMDT Plus* is designed to meet both EN 50131-1 and EN 50131-2-4 and as such is a future-proof solution.†
- On either power-up or reapplication of the front cover the detector will temporarily enter an auto-optimisation mode to adapt to it's environment. This will be shown by the LED's flashing in sequence.
- During optimisation ensure that there are no obstructions in close proximity (<1m) to the detector that will not be present during normal operation, as this could trigger a false masking signal.
- During installation avoid mounting the detector where objects may interfere with the anti-masking function (<1m), above doors, near curtains etc.
- The detector should not be mounted in direct sunlight.
- Masking is signalled by the fault and alarm relay opening simultaneously.

† For optimum anti-masking sensitivity select pulse count 1.

13 FAULT MONITORING

A fault will be indicated by one of the following:

- Supply input voltage out of specification
- PIR sensor malfunction
- Microwave sensor malfunction

The fault will be cleared once the condition has been resolved.

Self-Test

To meet the requirements of EN 50131-2-4 this detector is capable of performing a self-test. There are two types of self-test; a local self-test and a remote self-test.

Local Self-Test

Local self-test is controlled by the detector and runs periodically to test the functionality of the circuitry. Setting SW4 to off can disable this function. If the test is passed no indication is shown but if it fails then a fault will be signalled to the panel and the orange LED lit (if enabled). The fault will remain until a local or remote test is passed.

Remote Self-Test

This test is initiated at the control panel. If the test is passed then the detector will signal an alarm. If the test fails then the detector will signal a fault. The fault will remain until a local or remote test is passed. There is a dedicated control type for this output on Texecom Premier panels, expanders and keypads for ease of installation. For more information on setting up an output to run this test please see the relevant manual.

14 LED FUNCTIONS

Detector Status	LED	Indication
Alarm:	Both LED's	Red
PIR Detection:	Right LED	Green
Microwave Detection:	Left LED	Orange
Masking:	Left LED	Flashing Green
Fault:	Right LED	Flashing Orange
Masking & Microwave Detection:	Left LED	Alternating Green and Orange
Fault And PIR Detection:	Right LED	Alternating Green and Orange

15 STANDARDS & APPROVALS

Detector Standard: EN 50131-2-4 Grade 2 Class II.

System Standard: Suitable for use in a PD 6662/BS EN 50131-1 Grade 2 system, Environmental Class II.

Weee Directive: 2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.

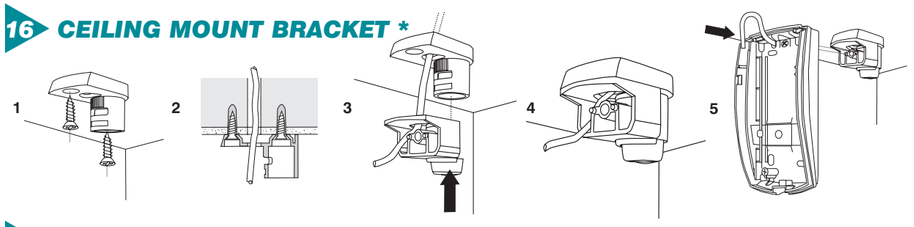
RoHs Directive: 2002/95/EC RoHS Compliant. Hereby, Texecom Ltd declares that this device does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated dephenyl ethers (PBDE) in more than the percentage specified by EU directive 2002/95/EC, except exemptions stated in EU directive 2002/95/EC annex.

CE Directive: 2004/108/EC (CE directive): Hereby, Texecom Ltd declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

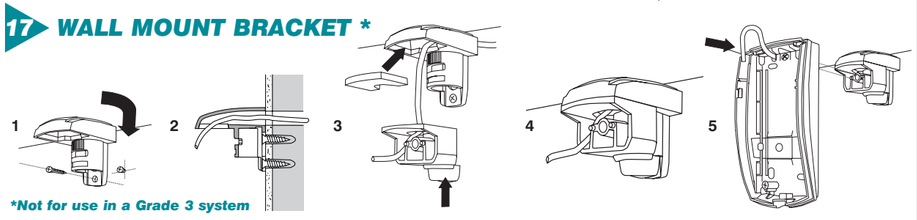
R&TTE Directive: 1999/5/EC (R&TTE Directive): Hereby, Texecom Ltd declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

CE 0891

16 CEILING MOUNT BRACKET *

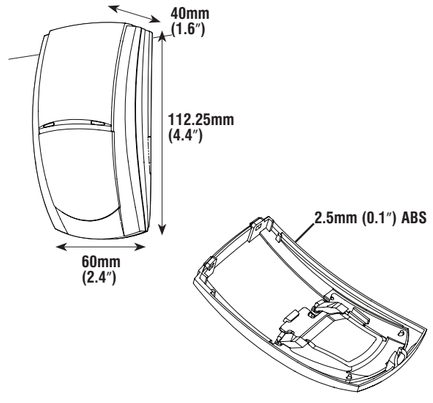


17 WALL MOUNT BRACKET *

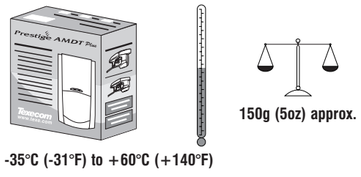


*Not for use in a Grade 3 system

18 PHYSICAL

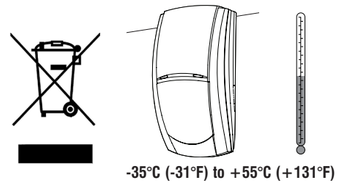


19 ENVIRONMENTAL



-35°C (-31°F) to +60°C (+140°F)

150g (5oz) approx.



-35°C (-31°F) to +55°C (+131°F)

INS 317-5