

# Prestige AMQD

## Grade 3 Anti-Masking Quad PIR

### INSTALLATION INSTRUCTIONS

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## QUALITY ASSURANCE



Certificate Number: FM 35285



## WARRANTY

10 year replacement warranty.

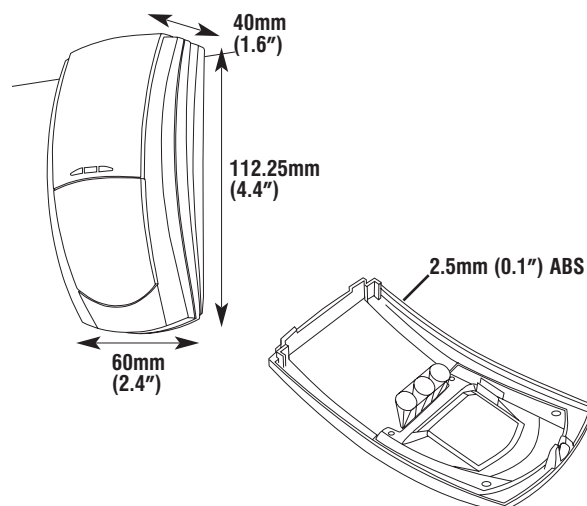
The *Prestige AMQD* is designed to detect the movement of an intruder and activate an alarm control panel. As the *Prestige AMQD* is not a complete alarm system, but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *Prestige AMQD*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

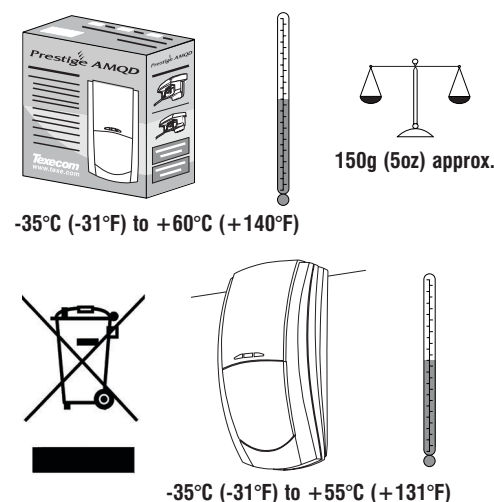
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The *Prestige AMQD* is protected by UK & International Registered Designs. Registered Design No's: 3004997, 3004260 & 3004261. *Prestige* is a Trademark of Texecom Ltd.

## 1 PHYSICAL



## 2 ENVIRONMENTAL



## 3 STANDARDS & APPROVALS

<b>System Standard:</b>	Suitable for use in a PD 6662/BS EN 50131-1 system at Grade 3 Environmental Class II.
<b>EMC:</b>	Independently certified to BS EN 50130-4 : 1996.
<b>RF Immunity:</b>	No false alarms from 80MHz to 1GHz at 10V/m. Complies with BS EN 61000-4-3 : 2002.
<b>Electrostatic Discharge:</b>	No false alarms up to 8kV. Complies with BS EN 61000-4-2 : 1995.
<b>Fast Transient Immunity:</b>	No false alarms up to ±4kV. Complies with BS EN 61000-4-4 : 1995.
<b>High Energy Transient Immunity:</b>	No false alarms up to ±2kV. Complies with BS EN 61000-4-5 : 1995.
<b>Conducted RF Susceptibility:</b>	No false alarms at 10Vrms. Complies with BS EN 61000-4-6 : 1996.
<b>Conducted Emissions:</b>	Complies with EN 55022 Class B.
<b>Radiated Emissions:</b>	Complies with EN 55022 Class B.

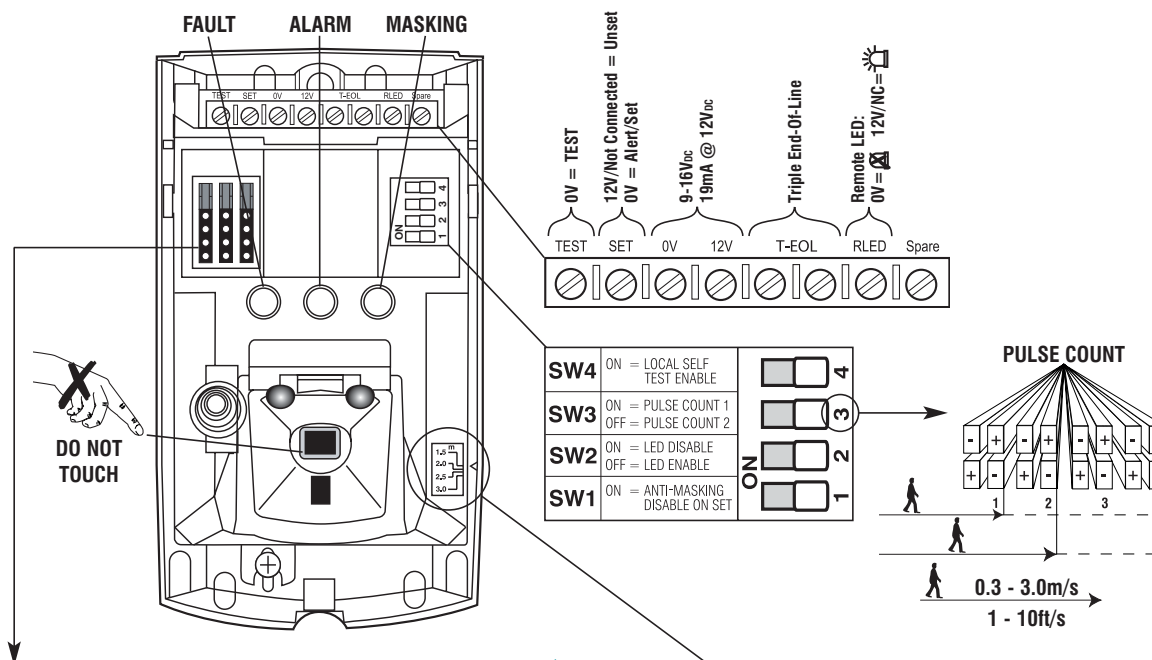
## 5 INPUT FUNCTIONS

<b>RLED:</b> 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.
<b>SET:</b> 12V/No connection:	Detector is in the Standby/Unset mode.
0V:	Detector is in the Alert/Set mode.
<b>TEST:</b> 12V/No connection:	Normal operation.
0V:	Initiate self-test.

## 6 LED INDICATION

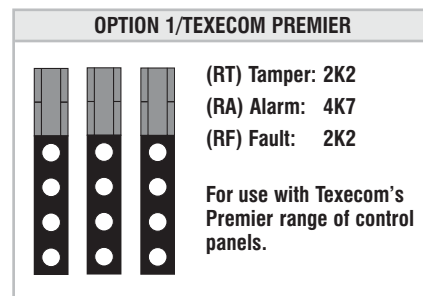
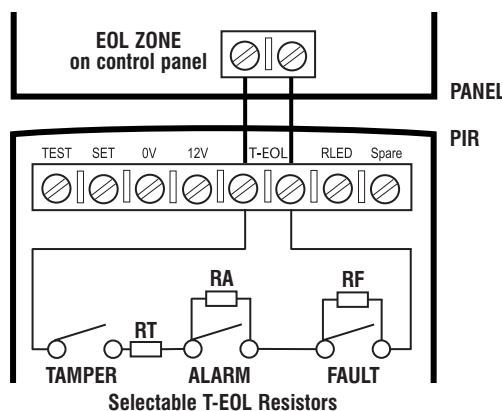
<b>ALARM:</b>	Red LED
<b>MASKING:</b>	Green LED long flashes
<b>FAULT:</b>	Yellow LED long flashes
<b>REMOVAL OF FRONT:</b>	Green LED short flashes

## 4



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

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

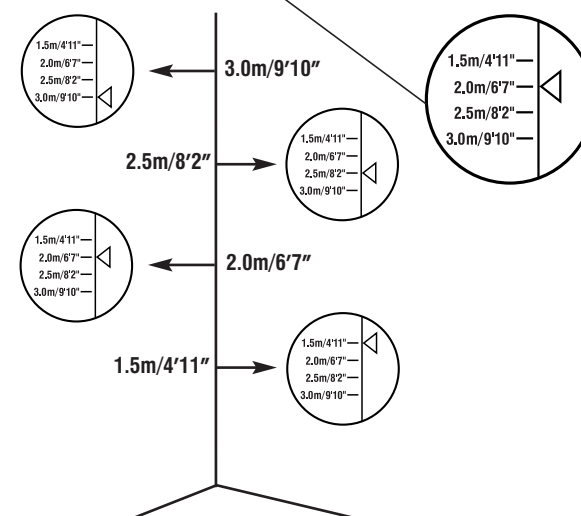


SEE ADDENDUM FOR OTHER AVAILABLE OPTIONS

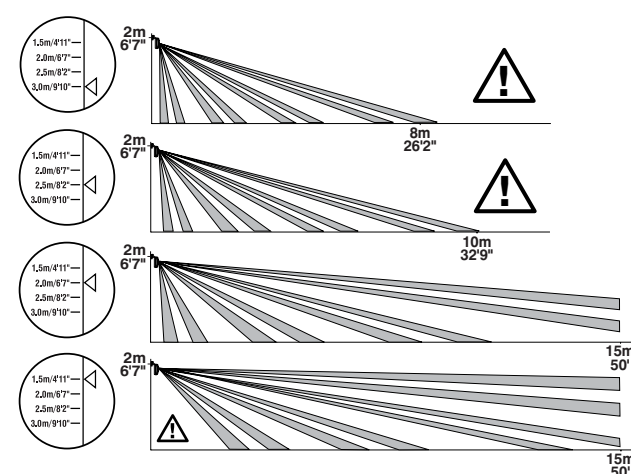
For use with the following Premier software versions (or above)

Premier 24:	V7	Premier 412/816:	V10
Premier 48:	V7	Premier 832:	V3
Premier 88/168:	V7	Keypads:	V7
Premier 640:	V7	Expanders:	V7

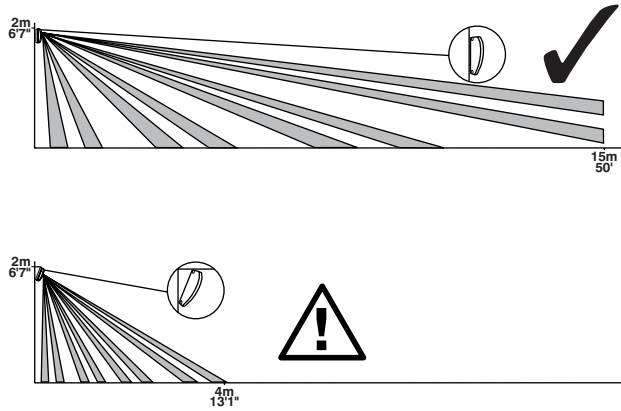
## 8 MOUNTING HEIGHT & SETTINGS



## 9 ALTERING COVERAGE AT 2m MOUNTING HEIGHT

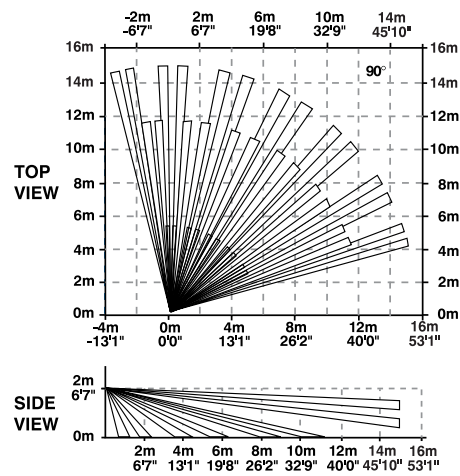


## 10 ANGLING THE DETECTOR



## 11 COVERAGE PATTERN

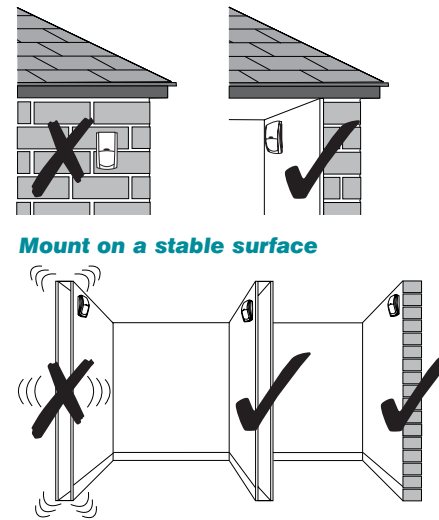
Volumetric



See Mounting Height Diagram (Section 8)

## 12 MOUNTING

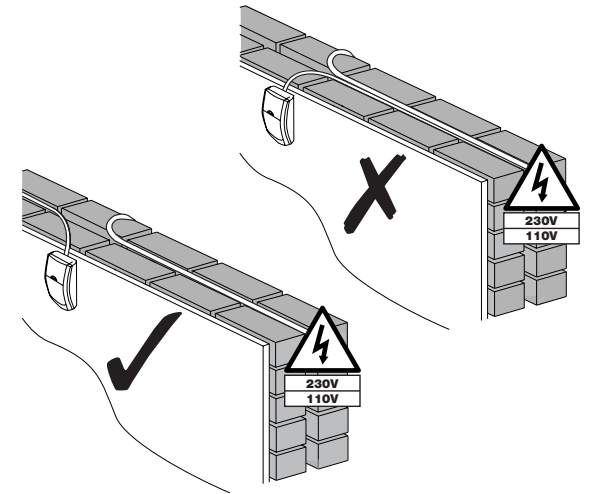
For indoor use only



Mount on a stable surface

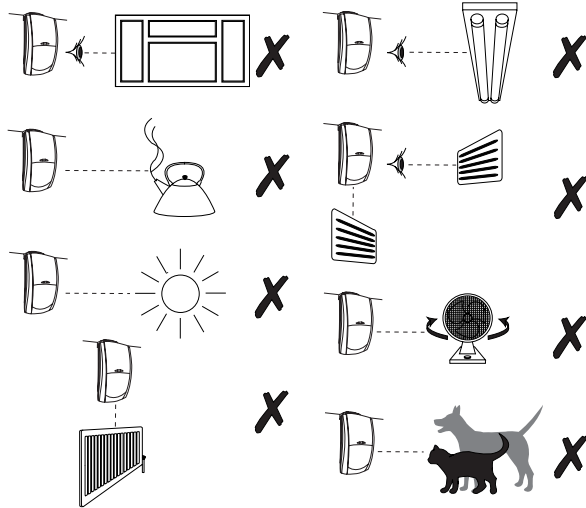
## 13 WIRING

Do not run cable parallel to mains wiring



## 14 CHOOSING A LOCATION

Avoid common false alarm sources



## 15 GRADE 3 ANTI-MASKING

- The Prestige AMQD is designed to meet EN 50131-1 at Grade 3.
- 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 warmup 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.
- The detector should not be mounted in direct sunlight.
- Masking is signalled by the fault and alarm relay opening simultaneously.

## 16 FAULT MONITORING

A fault will be indicated by one of the following:

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

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

### Self-Test

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.

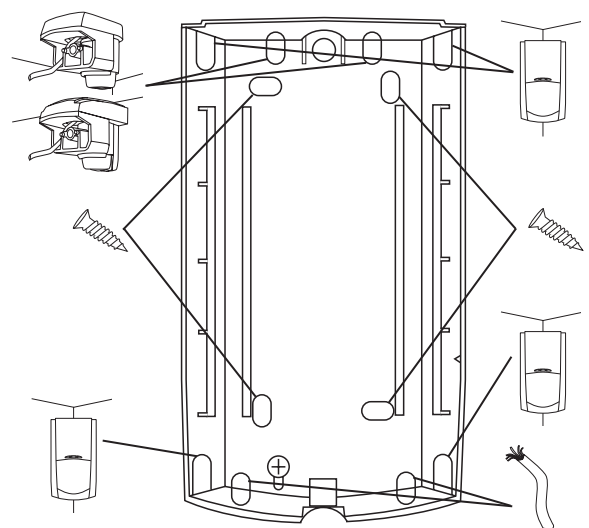
### Local Self-Test

Local self-test is controlled by the detector and is periodically run to test the functionality of the PIR 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.

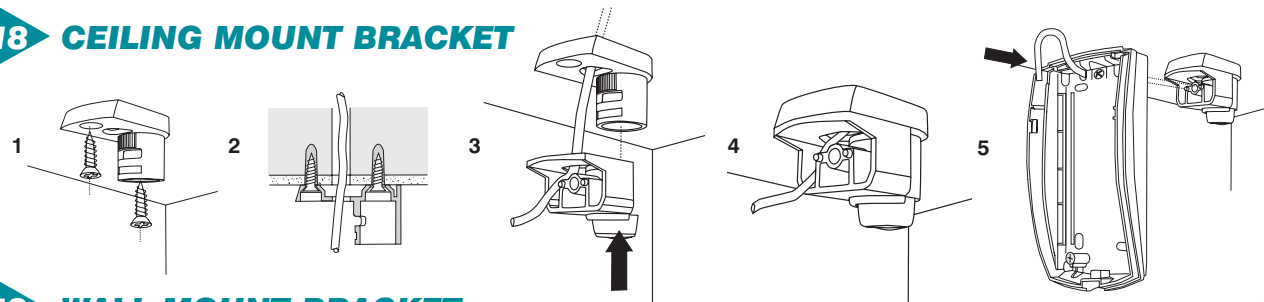
### Remote Self-Test

This test is initiated at the control panel. If the test is passed then an alarm will be shown for that detector and if failed then a fault signal along with the yellow LED. The fault will remain until a local or remote test is passed. There is a dedicated control type for this output on Texcom 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.

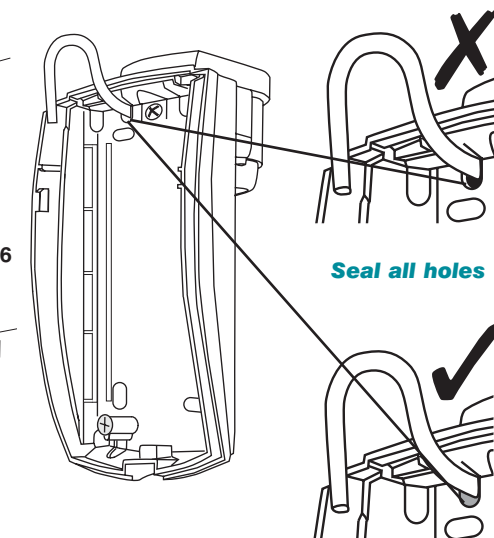
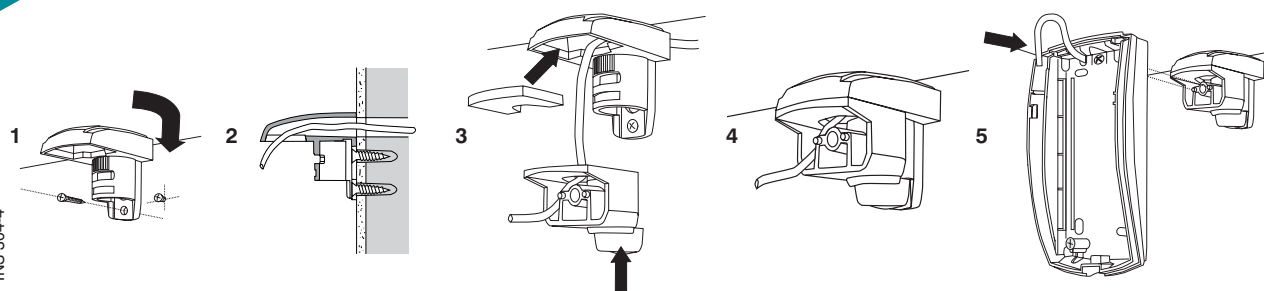
## 17 DETECTOR KNOCKOUTS



## 18 CEILING MOUNT BRACKET



## 19 WALL MOUNT BRACKET



Seal all holes

