Prestige AMQD Plus

Grade 3 Anti-Masking Quad PIR

INSTALLATION INSTRUCTIONS

WINNER – THE PREMIER AWARDS 2004, 2002 & 2001 – CATEGORY WINNER INTRUDER ALARM MANUFACTURER – EXCELLENCE IN CUSTOMER CARE & SERVICE

INTRUDER ALARM MANUFACTURER NO.1 CLUB OF THE YEAR 2000

WINNER – SECURITY EXCELLENCE AWARDS – BEST MANUFACTURER 2000 & 1999

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Texecom
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QUALITY ASSURANCE

BSI REGISTERED FM 35285 – UKAS QUALITY MANAGEMENT 003

Certificate Number: FM 35285

CE

BSIA British Security Industry Association

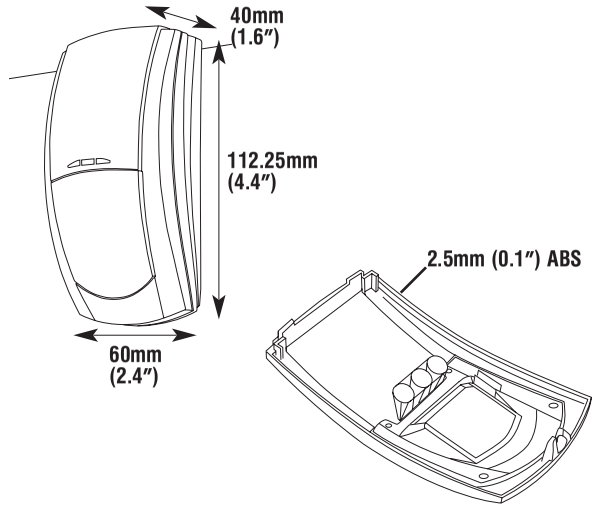
WARRANTY

10 year replacement warranty.

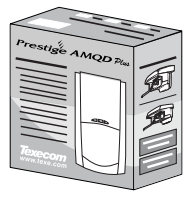
The *Prestige AMQD Plus* is designed to detect the movement of an intruder and activate an alarm control panel. As the *Prestige AMQD Plus* is not a complete alarm system, but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *Prestige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

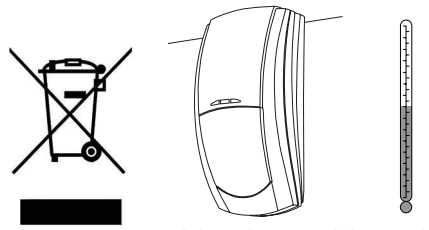


2 ENVIRONMENTAL



150g (5oz) approx.

-35°C (-31°F) to +60°C (+140°F)



-35°C (-31°F) to +55°C (+131°F)

3 STANDARDS & APPROVALS

Detector Standard:	TS 50131-2-2 Grade 3 Environmental Class II.
System Standard:	Suitable for use in a PD 6662/BS EN 50131-1 Grade 3 system, Environmental Class II.
EMC:	Independently certified to BS 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 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.
Product Identifier:	AMQD Plus

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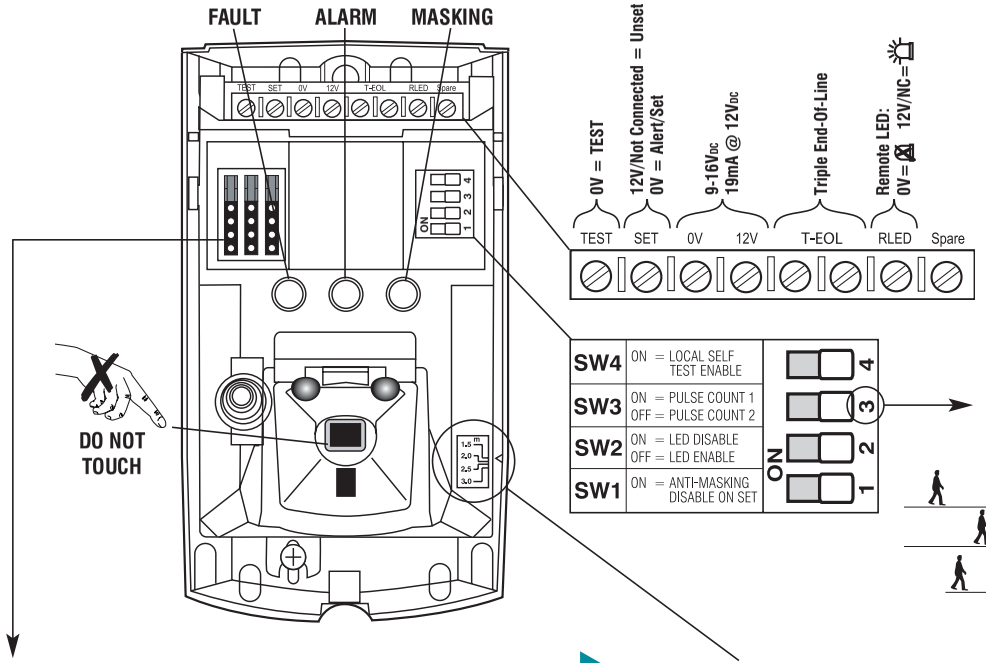


5 INPUT FUNCTIONS

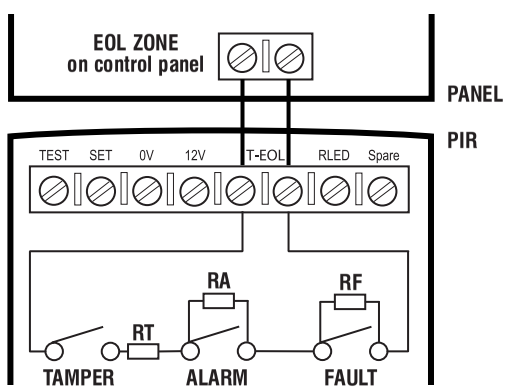
RLED:	12V/No connection:	LED's will function in accordance with the setting of SW2
	0V:	LED's will not function even if they are enabled via SW2
SET:	12V/No connection:	Detector is in the Standby/unset mode
	0V:	Detector is in the Alert/set mode
TEST:	12V/No connection:	Normal operation
	0V:	Initiate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

6 LED INDICATION

ALARM:	Red LED
MASKING:	Green LED long flashes
FAULT:	Yellow LED long flashes
REMOVAL OF FRONT:	Green LED short flashes

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

The *Prestige AMQD Plus* 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.**

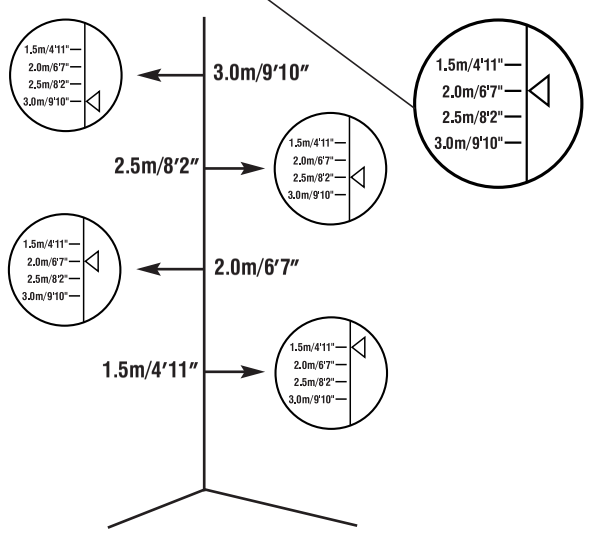


Selectable T-EOL Resistors

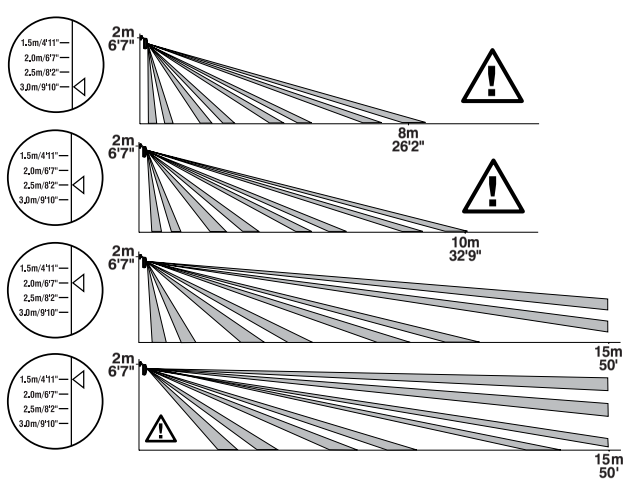
OPTION 1/TEXECOM PREMIER	OPTION 2
(RT) Tamper: 2K2 (RA) Alarm: 4K7 (RF) Fault: 2K2 For use with Texecom's Premier range of control panels	(RT) Tamper: 4K7 (RA) Alarm: 6K8 (RF) Fault: 15K
OPTION 3	**OPTION 4**
(RT) Tamper: 2K2 (RA) Alarm: 4K7 (RF) Fault: 6K8	(RT) Tamper: 1K (RA) Alarm: 1K (RF) Fault: 12K

Premier software version compatibility:			
Premier 24:	V7	Premier 412/816:	V9.5
Premier 48:	V7	Premier 832:	V2.5
Premier 88/168:	V7	Keypads:	V7
Premier 640:	V7	Expanders:	V7

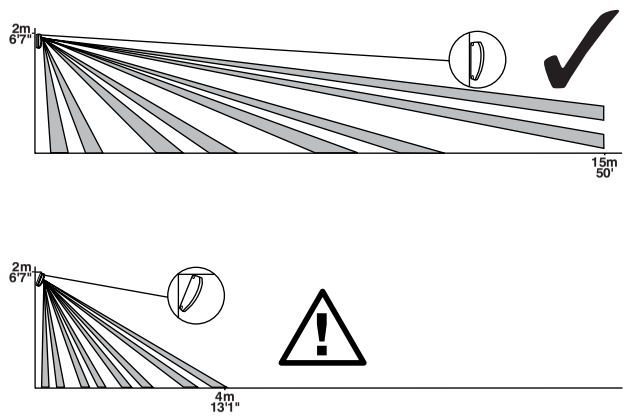
8 MOUNTING HEIGHT & SETTINGS



9 ALTERING COVERAGE AT 2m MOUNTING HEIGHT

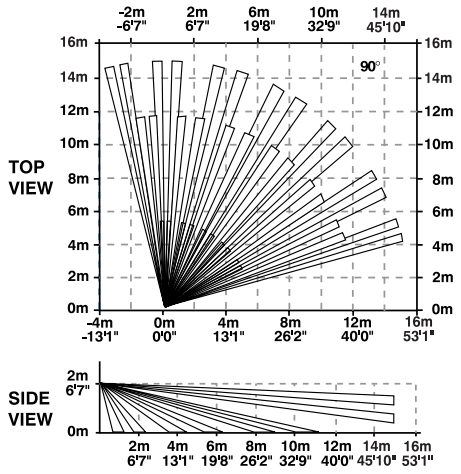


10 ANGLING THE DETECTOR



11 COVERAGE PATTERN

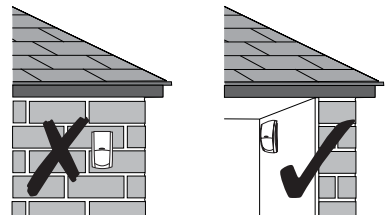
Volumetric



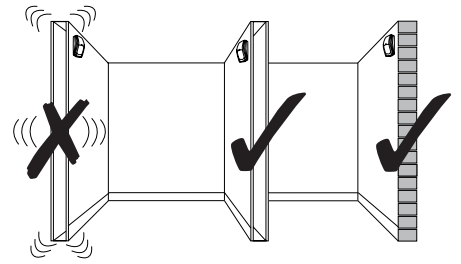
See Mounting Height Diagram (Section 8)

12 MOUNTING

For indoor use only

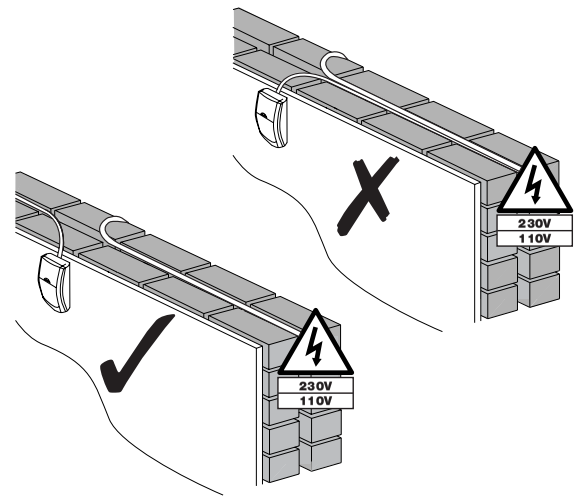


Mount on a stable surface



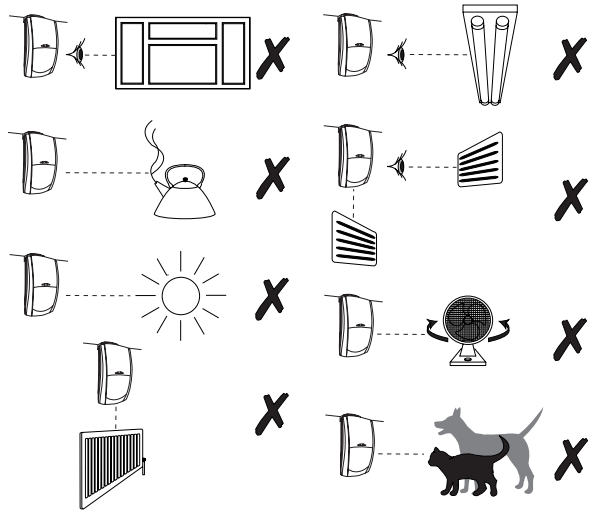
13 WIRING

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 Plus* is designed to meet both EN 50131-1 and TS 50131-2-2 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 warm-up 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 my 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

To meet the requirements of TS 50131-2-2 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

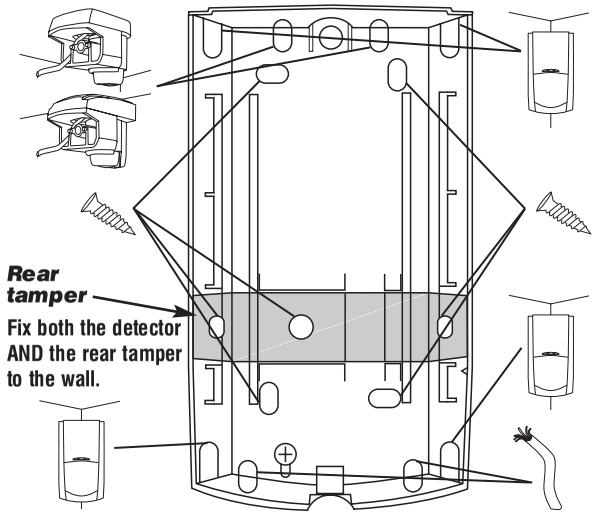
Local self-test is controlled by the detector and is periodically run to test the functionality of the PIR circuitry. Setting SW4 to off can disable this function. If the test is passed no indication is shown but if it fails then a fault will be signalled to the panel and the orange LED lit (if enabled).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

Remote Self-Test

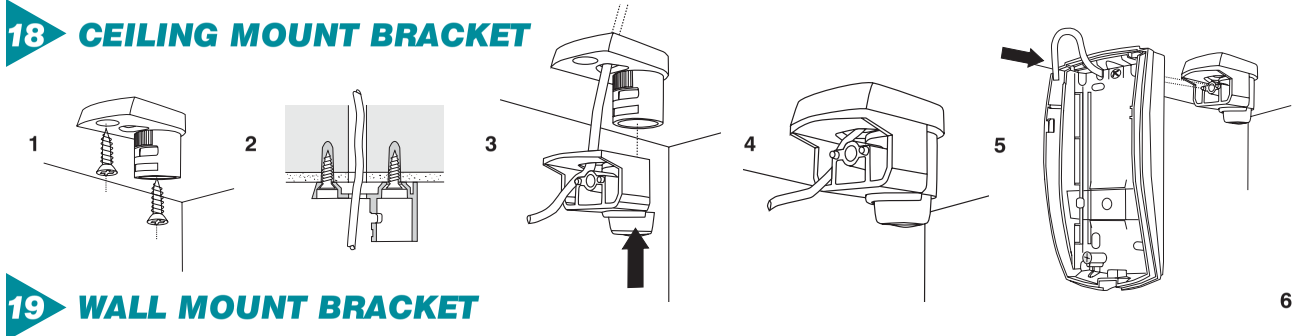
This test is initiated at the control panel. If the test is passed then an alarm will be shown for that detector and if failed then a fault signal along with the yellow LED. The fault will remain until a local or remote test is passed. There is a dedicated control type for this output on Texecom Premier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

17 DETECTOR KNOCKOUTS

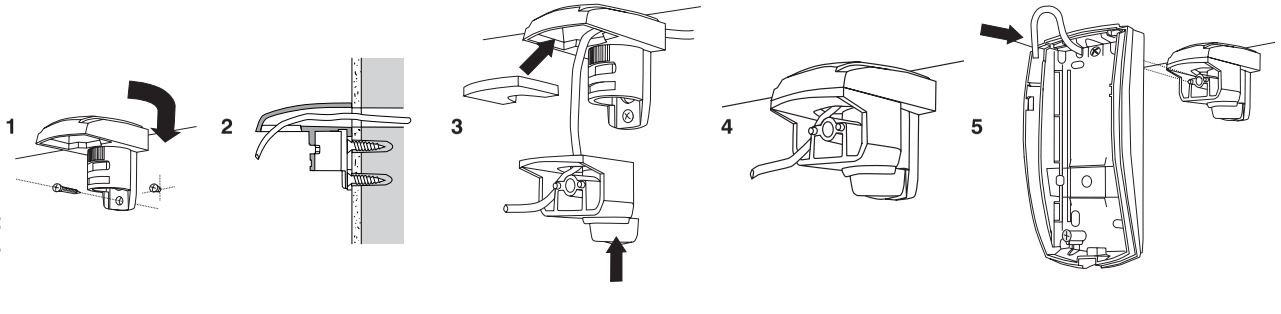
Rear tamper pull out needs to be secured to the mounting surface to meet Grade 3

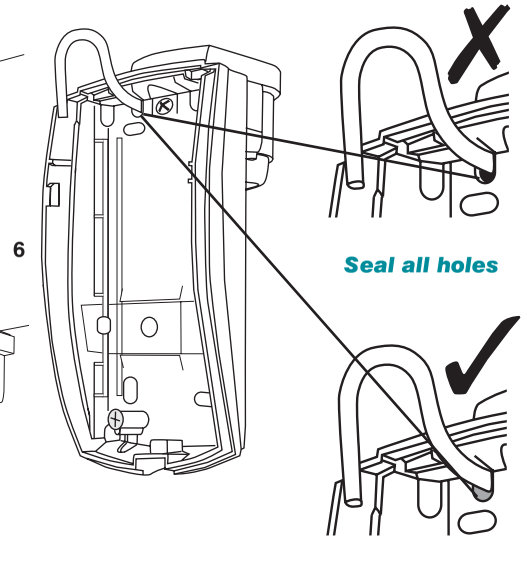


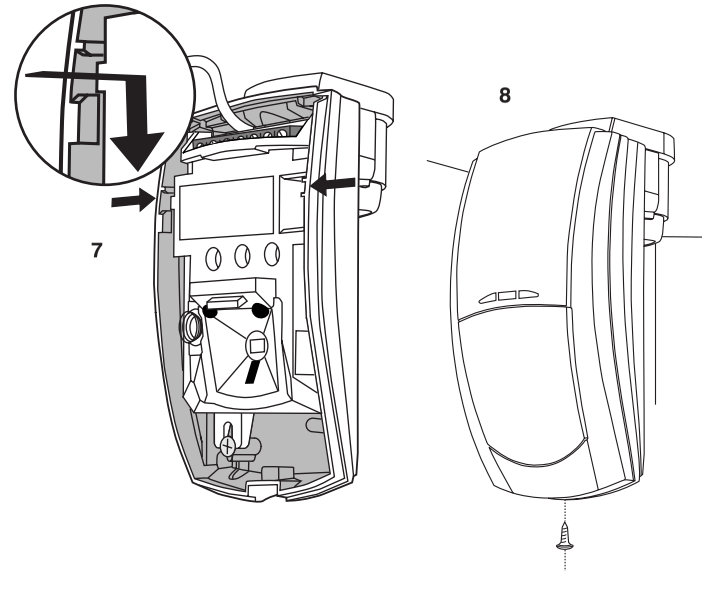
18 CEILING MOUNT BRACKET



19 WALL MOUNT BRACKET







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