



**Pyronix
XDL12TT-AM
Security and
Alarm
System**



Pyronix XDL12TT-AM Security and Alarm System Installation Guide

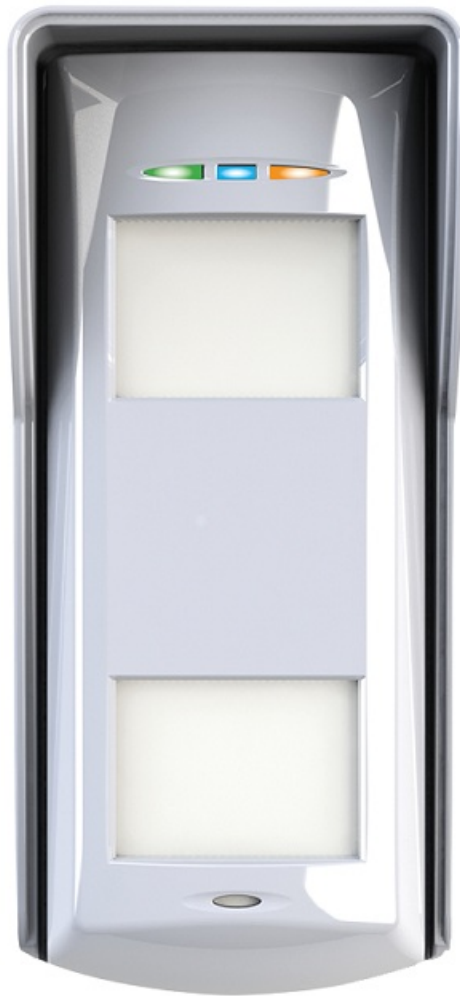
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Pyronix XDL12TT-AM Security and Alarm System



Product Information

Specifications:

- **Model:** XDL12TT-AM
- **Includes:** XD-FIXEDBRACKET, XD-WALLBRACKET, XD-45D-ADAPTER
- **Contact:** +44(0)333 444 1280 (UK)
- **Email:** customer.support@pyronix.com (UK)
- **Website:** www.pyronix.com
- **Address:** Pyronix Limited, Pyronix House, Braithwell Way, Hellaby, Rotherham, S66 8QY, UK

Product Usage Instructions

Mounting the Bracket

Depending on your installation requirements, choose between XD-FIXEDBRACKET and XD-WALLBRACKET. Use appropriate tools to securely mount the bracket at the desired location.

Attaching the Adapter (if applicable)

If using the XD-45D-ADAPTER, ensure it is securely attached to either the XD-FIXEDBRACKET or XD-WALLBRACKET as needed for your setup.

Contact Information

If you have any questions or issues with the product, please contact Pyronix Limited using the provided phone number or email address.

Environmental Class (EC) IV

9.9GHz: AT, BE, CH, CY, CZ, DK, EE, FI,FR, GR, HR, HU, IE, IS, IT, LT, MT, NL,PL, PT, SI, TR, UAE

10.525GHz: BE, CH, CY, DK, ES, HU, IE,IS, IT, MT, MY, NL, NO, SE, SI, UAE, USA

10.587GHz: GB, MY

Installation

Scan the QR code for fixing instructions and adapter information. Ensure that the detector is installed away from reflected sunlight and large objects.

Switches

Switch	Up (ON position)	Down
1	AC 230V, 50 Hz	AC 110V, 60 Hz
2	Anti-masking always on	Anti-masking on when disarmed
3	Blocking off	Blocking on when disarmed
4	R1 off	R1 on
5	Auto sensitivity	High sensitivity
6	Open mask & alarm relays	Open mask relay only
7	Buzzer on	Buzzer off
8	LEDs on	LEDs off

If you disable the detector's LEDs, you can remotely enable them in walk tests. Connect the detector's LED terminal to a control panel PGM output that switches to 0V to enable the LEDs.

Microwave range and angle of detection

Use the highlighted dials to change the microwave range and angle of detection.

LEDs

Four LEDs show the status of the detector.

Lens inserts

Use lens inserts to control coverage.

Header pins

Place two-pin jumpers onto header pins to adjust resistance for alarm, masking/fault and tamper.

Anti-masking

Anti-masking triggers an alarm when part or all of the sensor is masked by an intruder. Use the highlighted dial to change the masking area range. When an intruder enters the masking area,LED2 pulses. When the intruder moves out of the masking area, if the detector does not see activation on all 3 sensors within 1 min, the mask/fault relay opens and LED1 and LED3 turn on.

To reset, remove the obstruction and perform a walk test for 1 min.

Blocking

Blocking detects intruders behind objects when the panel is disarmed. To use blocking, move switches 3 and 4 down, and connect the R1 input to a panel output that is negative when disarmed. When blocking is active, the alarm relay opens and LED1 and LED3 turn on. To reset, perform a walk test.

Connecting to CCTV and lights

To connect the detector to CCTV and lights, refer to the wiring diagram.

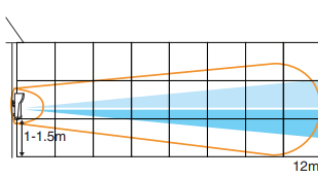
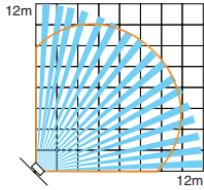
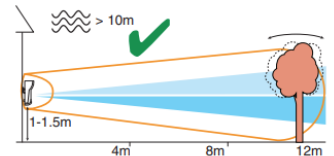
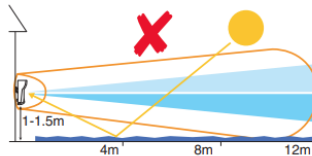
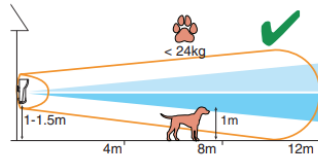
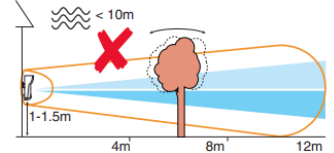
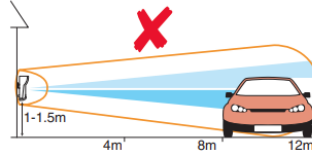
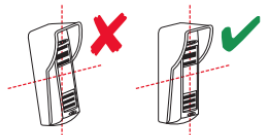
SPECIFICATION

- Tri-detection method
2 digital dual-element passive IR & 1 microwave doppler unit
- Sensitivity
AUTO or HIGH
- Temperature compensation
Digital
- Pet immunity
Up to 24kg, 1m high
- Detection speed
0.25 – 2.5m/s
- Tri-masking
Adjustable from 0m to 1m, covers all 3 technologies
- Casing
3mm polycarbonate, 0.4mm HDPE in Lens Area.
IP Rating: IP55
- Lenses
UV compensated
Operating voltage & current
9 – 16V DC, (24mA @ 13.8V DC quiescent)
- Relay output
3 x SELV limits, 60V DC 50mA (42.4V AC peak)
- Mounting height & range
1m – 1.5m = 12m range
- Tamper switches
12V DC 50mA both front and rear
- Temperature
 - Storage: -40°C to 80°C
 - Operating: -30°C to 70°C
- Dimensions & weight
188 x 77 x 84mm, 0.3kg

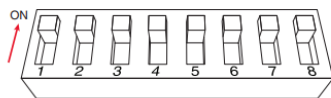
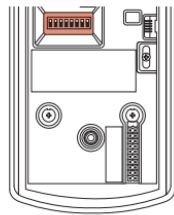
Product information

Applies to electrical products sold within the European community. At the end of the electrical product's life, do not dispose of it with household waste. Where possible, recycle the product. Check with your Local Authority or retailer for recycling advice in your country.

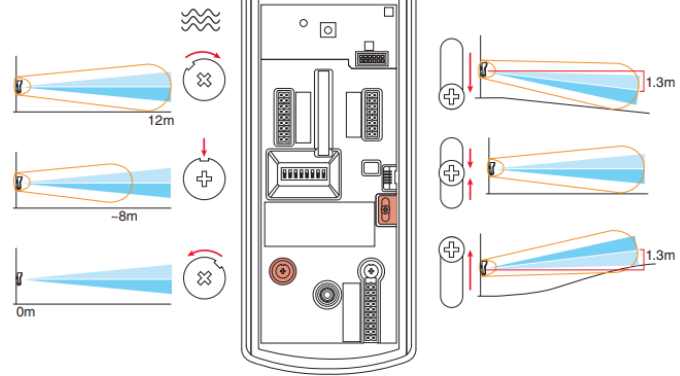
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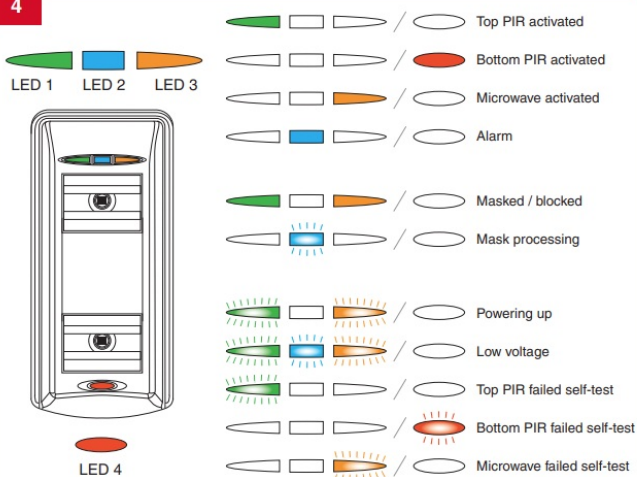
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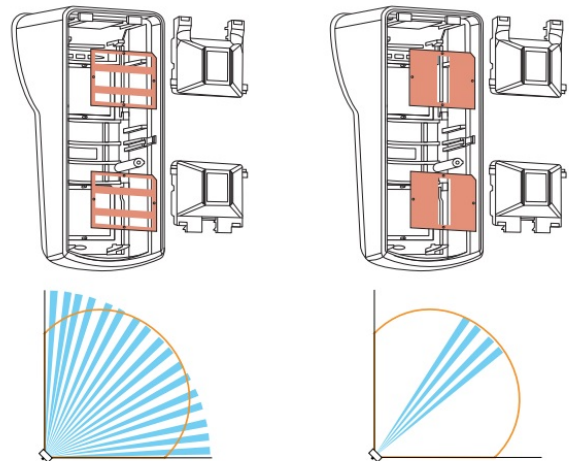
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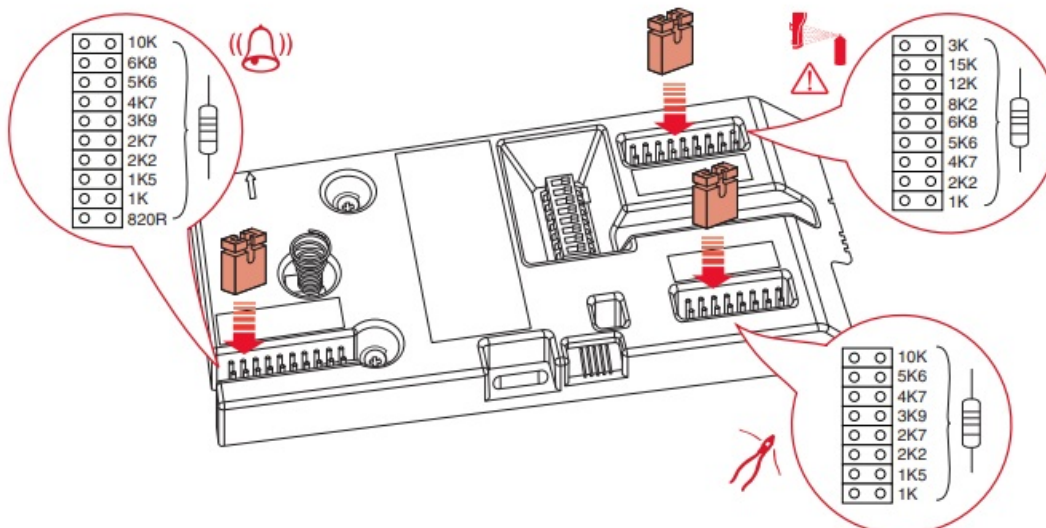
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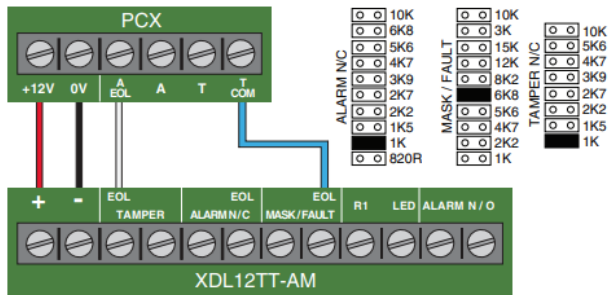
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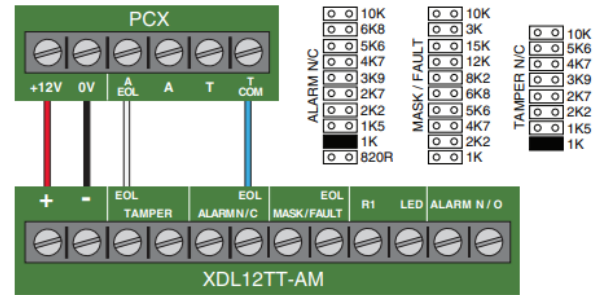
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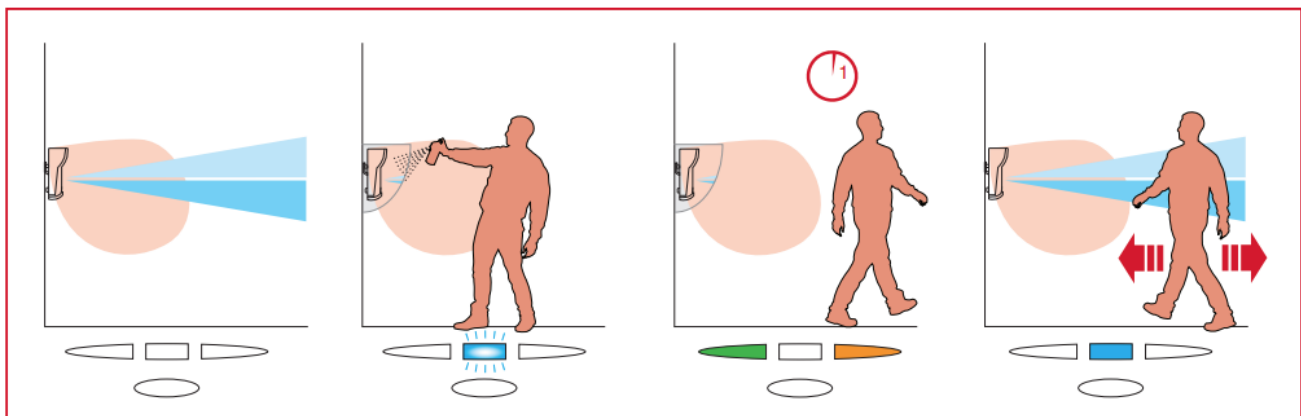
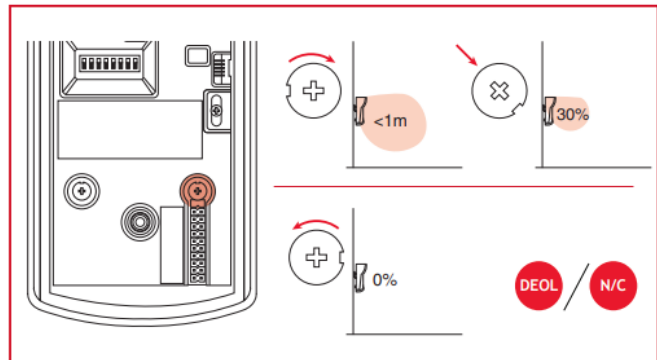
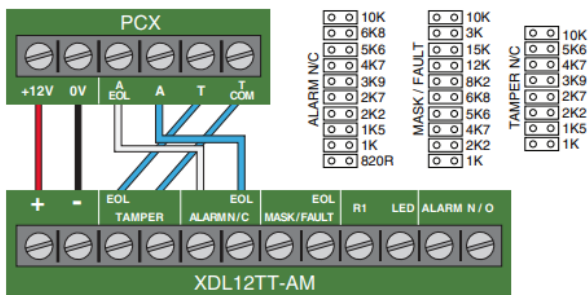
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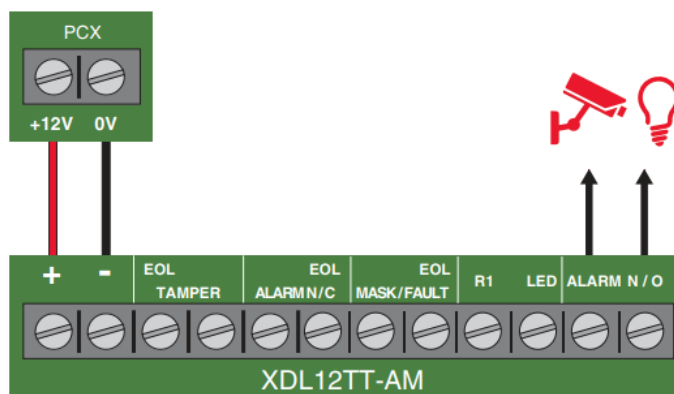
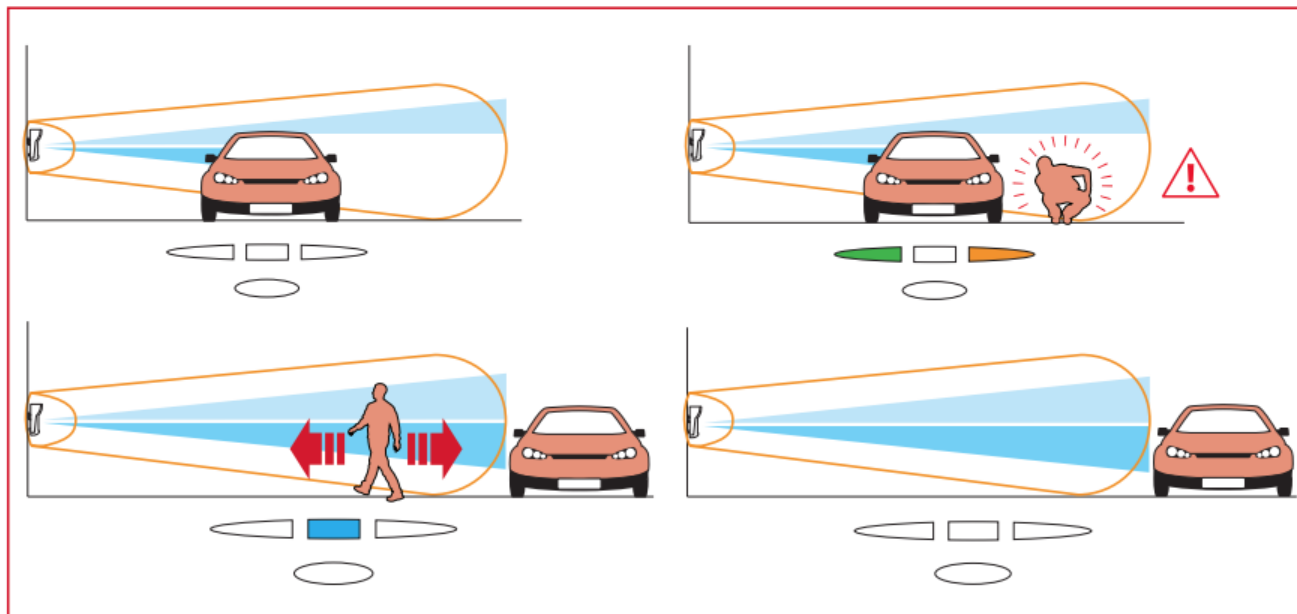
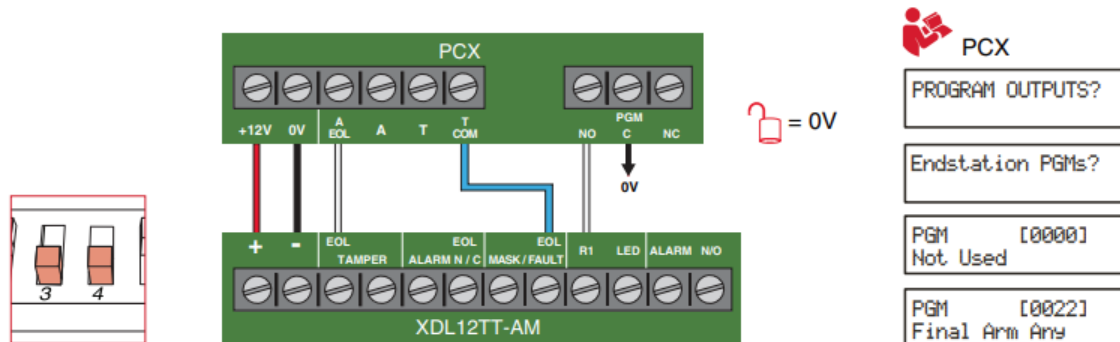


DEOL



N/C





Warranty

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of five years (excluding lens). In the interest of continuing care and design, Pyronix Ltd reserves the right to amend specifications without giving prior notice.

The following languages are available online via the QR code: Bulgarian, Czech, Danish, German, Greek, Spanish, Finnish, French, Croatian, Hungarian, Italian, Dutch, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Serbian, Swedish



+44(0)333 444 1280 (UK)

customer.support@pyronix.com (UK)

www.pyronix.com Pyronix Limited, Pyronix House, Braithwell Way, Hellaby, Rotherham, S66 8QY, UK

Frequently Asked Questions

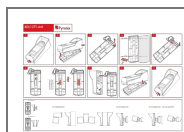
Q: Can I use XD-FIXEDBRACKET and XD-WALLBRACKET together?

A: Yes, you can use them together along with the XD-45D-ADAPTER for a customized setup.

Q: Where can I find more information about Pyronix products?

A: Visit the Pyronix website at www.pyronix.com for detailed product information and resources.

Documents / Resources



[Pyronix XDL12TT-AM Security and Alarm System](#) [pdf] Installation Guide
XDL12TT-AM Security and Alarm System, XDL12TT-AM, Security and Alarm System, Alarm System

References

- [Security Systems Manufacturer for Home & Business | Pyronix](#)
- [User Manual](#)

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