

KX10DTP

10m Dual-Tech Pet Immune Detector RINS1601-4



EN50131-2-2:2008
EN50131-1:2006+A1:2009
PD6662:2010
Security Grade (SG) 2
Environmental Class (EC) II



ENGLISH (Diagram references)

1. Disassembling the KX

2. The Printed Circuit Board (PCB)

- A** Terminals
- B** Mains Frequency
- C** Sensitivity (Auto ONLY) - see section.6
- D** 'AND/OR' Mode- see section.7
- E** Alarm LED
- F** Resistor Headers (Tamper / Alarm)
- G** Pyro Sensor (DO NOT TOUCH)
- H** Microwave Potentiometer (adjust)

3. Cable Entry / Mounting

4. Bracket Mounting Options

5. Installation Hints: Do not partially or completely obscure the detector's field of view with large objects such as furniture.

Avoiding False Alarms: When the detector is first powered up, it will run through a self-test routine, indicated by the flashing LEDs. Once this has extinguished - the detector is ready to use.

- 1: Avoid Placing the detector in direct sunlight.
- 2: Do not mount the detector near heaters or radiators.
- 3: Do not mount the detector near open windows or air vents as this may cause false alarms.
- 4: Do not run cable parallel to mains wiring.

IMPORTANT NOTE: Avoid installing this detector so that it faces a staircase.

6. Sensitivity Settings:

- A** ONLY Auto Sensitivity is available on this detector. The total weight of several small pets or individual pets should not exceed 24kg (55lbs)

7. AND/OR Mode: "AND" - Conventional Dual-Tech (both technologies need to be triggered simultaneously to generate an alarm)

"OR" - NOT AVAILABLE FOR PET IMMUNE DETECTORS - DO NOT USE

8. Microwave Potentiometer: - Minimum Range (0m), Maximum Range (10m)

Note: Turning the pot fully anti-clockwise turns off the microwave.

9. EOL Resistor Headers: The KX10DTP has 2 sets of header pins (as shown). These headers are used to select the End of Line resistance for EOL wiring applications.

NOTE: If EOL wiring is not used, leave the headers OFF.

10. **A** N/C - Normally Closed Wiring (EXAMPLE ONLY, SEE CONTROL PANEL INSTRUCTIONS)
- B** PCX DEOL Wiring (EXAMPLE ONLY, SEE CONTROL PANEL INSTRUCTIONS)
- C** EURO DEOL Wiring (EXAMPLE ONLY, SEE CONTROL PANEL INSTRUCTIONS)
- D** Generic Control Panel Example
- E** Zone Doubling Example

11. Powering Up: When the detector is first powered up, it will run through a self-test routine (indicated by flashing orange and green LEDs). Once the LEDs go out, the detector is ready to use.

12. The 10m Volumetric Lens

13. Dimensions and Weight

Technical Specification

Model: KX10DTP Colour: White LED Colours: Orange (Microwave), Blue (Alarm), Green (PIR)
Casing: 3mm ABS, 0.4mm HDPE in lens area
Detection Method: Low noise dual element pyroelectric sensor & Microwave doppler sensor
PIR Sensitivity: Auto ONLY Temperature Compensation: Digital
Detection Range: 10m Detection Speed: 0.3 - 3.0 m/s
Operating Voltage: 9 - 16V DC 13.8V DC typical
Current Consumption: 24mA @ 12V (Min), 30mA @ 12V (Max)
Relay Output: 50mA 60V DC, 42 VAC (RMS) Contact Resistance: < 10 ohms
Mounting Height: 2.0 - 2.4m Tamper Switch: 12V 50mA
Temperature: -40°C to 80°C (storage) -10°C to 40°C (certified) -30°C to 70°C (nominal)
Accessories: Wall and Ceiling brackets Emissions: EN55022 Class B Immunity: EN50130-4

Frequencies	Countries
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

This product operates in a European non-harmonised frequency band

Warranty & Compliance

This product is sold subject to our standard warranty conditions and is warranted against defects in workmanship for a period of five years. For further warranty information visit:

www.pyronix.com/warranty

The declaration of conformity and further compliance documentation may be consulted at:

www.pyronix.com/product-compliance.php

Contact Information

For electrical products sold within the European Community. At the end of the electrical products life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country. This product is approved for use in the Residential, Commercial and Light Industrial Environments.

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