

312MHz Radio Passive Infrared Sensor (Supervised) Installation Guide

This guide is for use with Tunstall Radio Passive Infra Red Sensor (PIR) 64604/03

These word supplement the instructions provided by the PIR manufacturer to which reference should be made.

1

Confirm Functionality and Compatibility

The Radio Passive Infra Red sensor (PIR) is a passive infra red movement detector with an integral radio module.

2

Installation

- Refer to provided installation instructions for optimal mounting position for PIR detector.
- Note that the PIR must be mounted away from electrically conductive surfaces/ materials to ensure no impairment of radio range.
- Partially dismantle the PIR to access the rear pattress within which knock out holes provide for mounting
- Connect the provided battery- ensure polarity is correct
- Program the PIR into the appropriate Personal Emergency Response System (PERS). The PERS should be placed into radio programming mode and a PIR transmission initiated. This is most easily done by placing the PIR into walk test mode- see PIR instructions. Complete any configuration if necessary (eg non plug and play systems). Refer to the relevant advanced user or programming guide.
- Test the installation- note the alarm interval statement in the instructions.

3

Images

Not yet available

4

Label Interpretation

The product and packaging have a small label containing a bar code.

This bar code (code 128) contains (reading left to right):

- 6 digits, decimal to represent the radio identity; 1 digit to represent the product type (=6 for PIR); 1 digit checksum.
- (Eye readable version is printed underneath)

Additionally on the label is the part number and issue (top right) and the week and year of manufacture (bottom left)

On the packaging there is a larger label and barcode.

This bar code contains:

- 8 digit serial number (being week number, year, sequential serial), 7 digit part number, 2 digits issue. (Eye readable version is printed underneath)

Development History

K. W. Wang and Product/USA 312 Peripheral/Phone T. Wang - product/64604-03 1.doc

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Specification

Battery life: 2 years (with typical movement detection). 9V alkaline battery provided.

Battery Monitoring: The battery status of the PIR is communicated to the PERS Equipment. The battery is checked upon manual activation or within the supervision cycle.

Radio Range: 120 metres free space.

Weight: 190grams.

Supervision interval: Every 4 hours a supervision transmission is made. The battery is checked at the same time. No indication of transmission is given. (i.e 6 transmissions per day)

Environment: intended operating temperature between 0 to +40 Celsius.

Frequency: 312.000MHz.

Programming: Plug and play (automatically configuring PIR product type) on compatible 34 bit systems only. Limited automatic configuration is provided on non-34 bit systems.

Approvals and Statements

Federal Communications Commission (FCC) notices

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

312 Radio PIR (Part Number 64604/03) FCC ID: G2X-6460403

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Warning Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry Canada Notice This equipment meets the applicable Industry Canada Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Service

This product contains no user serviceable parts.

It is recommended that regular testing of the system is carried out.

Development filename

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