INACTIVITY SENSOR
INSTALLATION AND OPERATING INSTRUCTIONS

For use with Wire-Free Home Protection System

Please keep these instructions in a safe place for future reference.

Kit contents:

(1) Red Shield Inactivity Sensor
(1) Ball-head joint mounting bracket
(3) Screws and wall plugs
(1) Instruction leaflet

1. Introduction

The Inactivity Sensor is designed to trigger the Wire-free Protection System Smart Panel when
NO MOVEMENT has been registered within a monitored area over a set time period (12 or 24 hours).
It can be used where movement is expected and an alert needs to be raised.
Note: If pets are in the home, it is advised that they are not allowed onto higher surfaces above 3ft. (1m) in
height where they may trigger the sensor.

2. Location

First determine the location of the Sensor, which should be placed:
• on a solid surface between 6ft to 8ft (1.8m to 2.4m) from the floor.
• where motion is expected.
• away from extreme temperature sources (radiators, ovens, stoves, etc.) and large metal objects that could
interfere with the wireless performance.
• away from direct sunlight.
• indoors only and not behind partitions.
• where better RF performance can be achieved (if necessary).

3. Installation and Operation

3.1 Powering up the Inactivity Sensor

• Remove the battery cover, insert and connect a 9V battery as shown in
diagram below and replace the cover (requires 1 x 9V battery).
• Low Battery indication: If the batteries need to be replaced, the RED LED will
flash (not including entry / exit delay flashing).

3.2 Installing the Inactivity Sensor

• Hold the enclosed mounting template against the wall at the selected location and mark the points for
drilling.
• Drill the holes and insert wall plugs.
• Attach the bracket to the mounting surface with the screws provided.
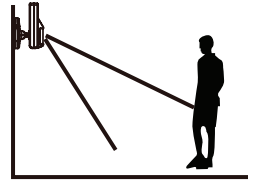• Attach the Inactivity Sensor to the mounting bracket.
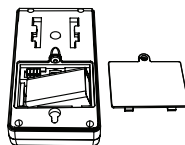
3.3. Adjusting Sensor Sensitivity

The sensitivity of the Inactivity Sensor can be adjusted by moving the jumper in
the battery compartment to either the High (H) or Low (L) position.

Note:

LOW sensitivity: Range 22ft - 32ft (7-10 meters)

HIGH sensitivity: Range 49ft - 59ft (15-18 meters)

3.4. Adjusting Time Interval

The default setting for the Inactivity Sensor is 24 hours. If no movement is detected by the sensor over this period, it will trigger the Wire-Free Home Alarm Smart Panel.

To adjust the time period:

 • Open the battery compartment and remove the Time Interval jumper.

• If the jumper is in place (default setting) the Time Interval is 24 hours. To set the Time Interval to 12 hours simply remove the jumper from the contacts.

• Please keep the jumper safe after removal, so the Inactivity Sensor can be reset for 24 hours, if required.

• Replace the battery compartment cover.

Note: Once the Inactivity Sensor senses movement within the Time Interval it will restart its countdown (from 12 or 24 hours), only triggering the Smart Panel when no movement is detected.

4. House Security Code Settings

Unless the factory settings of the Wire-Free Home ProtectionSystem Smart Panel have been altered, the House Security Code will NOT need to be changed.

However, if the settings on the Smart Panel have been altered, or need to be altered to solve the problem of the Smart Panel and sensors activating intermittently (or not working at all) or interference with other systems, then the House Security Code on all system modules, including the Indoor Siren, will also need to be changed.

House Security Code settings can be altered as follows:

• There are 4 jumpers or dip-switches on each device.

• Remove the [jumper compartment cover], then pull out or plug the jumper into the contacts to change the House Security Code.

• If a jumper is plugged it is ON, if it is removed it is OFF. Default code is with all the jumpers plugged.

• To ensure the system works correctly, make sure the jumpers on the Smart Panel and all other system modules (sensors and sirens) match exactly.

Jumpers for house security code	HOUSE CODE 4 3 2 1	- Smart Panel - Each sensor Default house code: 1: ON, 2: ON, 3: ON, 4: ON *Jumper: ON = Plugged, OFF = Pull Out
Dip-Switches for house security code	ON 1 2 3 4	- Key Fob Remote Default house code: 1: ON, 2: ON, 3: ON, 4: ON

5. Zone Code Settings

The sensor is supplied with a pre-assigned Zone setting. The sensor can be assigned to a different zone as follows:

• Unscrew and remove the battery compartment cover on the rear of the sensor.

• In the area marked "Zone Code" there are eight pairs of metal contacts with a number next to each.

• The number corresponding to the pair of contacts which is plugged with a jumper is the current zone.

• To re-assign to a different zone simply unplug the jumper from its current zone and plug it across the contacts corresponding to the new zone number selected.

Jumper for Zone Code	ZONE CODE . . . . ▪ . . . . ▪ 8 7 6 5 4 3 2 1	Default zone code: Zone 1

6. Maintenance

The product may be cleaned with a soft damp cloth and then wiped dry. Do not use abrasive, solvent based or aerosol cleaners as this may damage and/or discolor the product. Do not allow water to enter or attempt to clean inside the unit.

7. Batteries

Do not allow the batteries to corrode or leak as this may cause permanent damage to the product. Take care to insert the batteries with the correct polarity as shown inside the battery compartments. Do not mix new and old batteries or different types of batteries. **Do not use rechargeable batteries**.

At the end of their useful life the batteries should be disposed of via a suitable recycling center. Do not dispose of with your normal household waste. DO NOT BURN.

8. Alarm System Limitations

Even the most advanced alarm systems cannot guarantee 100% protection against burglary or environmental problems. All alarm systems are subject to possible compromise or failure-to-warn for a variety of reasons.

Please note that you may encounter problems with your system if:

• The sensors are not placed within hearing range of persons sleeping or remote parts of the premises.

• The sensors are placed behind doors or other obstacles.

• Intruders gain access through unprotected points of entry (where sensors are not located).

• Intruders have the technical means of bypassing, jamming or disconnecting all or part of the system.

• The power to the sensors is inadequate or disconnected.

• The sensors are not located in proper environmental/temperature conditions (i.e. too close to a heat source).

9. Warranty

One year limited warranty.

Electronic warranty form at www.sti-usa.com/wc14.

*Note: Inadequate maintenance is the most common cause of alarm failure; therefore, test your system at least once per week to be sure the sensors and sirens are working properly.

*Although having an alarm system may make you eligible for reduced insurance premiums, the system is no substitute for insurance.

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