



Wired & Wireless Installation Guide

Patented

Made in the USA

Description

DETECTIT™ main line back-up alarm system is a Patented product that will alert you to an impending sewage backup in your home, office or investment property. It consists of a DETECTIT Hard Wired Sensor or Wireless Sensor. A Red Receiver Unit. And a Wall Receiver Unit. The DETECTIT can be hooked up to an Alarm System.

Installation and Operation of Red Receiver Unit.

Connecting The DETECTIT™ Hard Wired Sensor to the Red Receiver Unit.

Mount Red Receiver Unit gets mounted to any wall with the appropriate hardware.

Install AC adapter into any 110v wall socket, then plug other end into bottom port of the Red Receiver Unit.

The Red Receiver Unit Supports up to 3 Hard Wired DETECTIT Sensors.

Install wire leads from the DETECTIT Hard Wired Sensor or Sensors to either of 3 Wired Sensors Inputs, S1, or S2, or S3.

Once the Hard Wired DETECTIT Sensor or Sensors are connected to the Red Receiver Unit. It will automatically begin to monitor the DETECTIT Sensor or Sensors.

When the Red Receiver Unit detects a blockage via any of the wired sensors it will turn on the buzzer and light the enunciator.

It will then begin flashing on the internal LED the Hard Wired Sensor Unit number which triggered the blockage. If more than one Hard Wired Sensor Unit is triggered it will flash each number in turn. The buzzing and the Hard Wired Sensor Unit LED flashing can only be cleared by pressing the 'Clear' button on the Red Receiver Unit PCB.

This Red Receiver Unit also has the ability to be hooked to a shut off valve for the main water supply or to shut your main waste line.

Connecting the Wireless DETECTIT™ Sensor to the Red Receiver Unit.

To enable the Red Receiver Unit to Monitor a Wireless Sensor the installer must Program the Wireless Sensor to the Red Receiver Unit.

The Process of Programming the two involves the following procedure. As in the Hard Wired Sensor each Wireless Sensor has a position S1, S2 or S3.

The position of each Wireless Sensor is determined by the order in which it is programmed.

The first programmed Wireless Sensor is assigned position S1 the second S2 and the third is S3.

On the Red Receiver Unit PCB press the 'teach' button. The LED light on the Receiver Unit PCB will stop flashing and will remain solidly on. That indicates that the Receiver Unit is in the teach mode.

The Receiver Unit will remain in the teach mode for 30 seconds after which it will resume scanning the Hard Wired Sensor's and Wireless Sensor's.

On the Wireless Sensor press the 'test' button. The test button is located in the battery compartment on the top of the unit.

When the Red Receiver Unit learns about the Wireless Sensor it will flash the status LED in rapid succession 3 times as an indicator that the Wireless Sensor has been programmed.

This process may be repeated for additional Wireless Sensor's as needed.

Wait for the 30 seconds to elapse on the Red Receiver Unit, this is seen when the status LED flashes at its normal 1 second rate.

At any time the user may verify that the Wireless Sensor is programmed to the Receiver Unit and determine its position by pressing the test button on Wireless Sensor while the Receiver Unit is not in teach mode.

If the Red Receiver Unit is able to receive the Wireless Sensor's communication it will chirp the buzzer either 1, 2, or 3 times depending on the relative position of the Wireless Sensor.

When the Red Receiver Unit detects a blockage via any of the wireless sensors it will turn on the buzzer and light the enunciator. It will then begin flashing on the internal LED the WSU number which triggered the blockage. If more than one Wireless Sensor is triggered it will flash each number in turn. The buzzing and the Wireless Sensor LED flashing can only be cleared by pressing the 'Clear' button on the Receiver Unit PCB.

De Programming

To disconnect all Wireless Sensor's from the Receiving Unit press and hold the 'clear' button on the Receiving Unit PCB for 10 seconds. The Receiving Unit will erase all Wireless Sensor's programming and turn off the LED indicating it has finished erasing.

WARRANTY

Detectit Offers A Limited Manufactures Warranty For 1 Year

www.detectitonline.com Phone 631-585-7057



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Installation and Operation of Red Receiver Unit.

Connecting The DETECTIT™ Hard Wired Sensor to the Red Receiver Unit.

Mount Red Receiver Unit gets mounted to any wall with the appropriate hardware.

Install AC adapter into any 110v wall socket, then plug other end into bottom port of the Red Receiver Unit.

Install wire leads from the DETECTIT Hard Wired Sensor to Inputs, S1-S2 on the PC board inside the Red Receiver. Once the Hard Wired DETECTIT Sensor is connected to the Red Receiver Unit. It will automatically begin to monitor the DETECTIT Sensor.

When the Red Receiver Unit detects a blockage via the wired sensor it will turn on the buzzer and light.

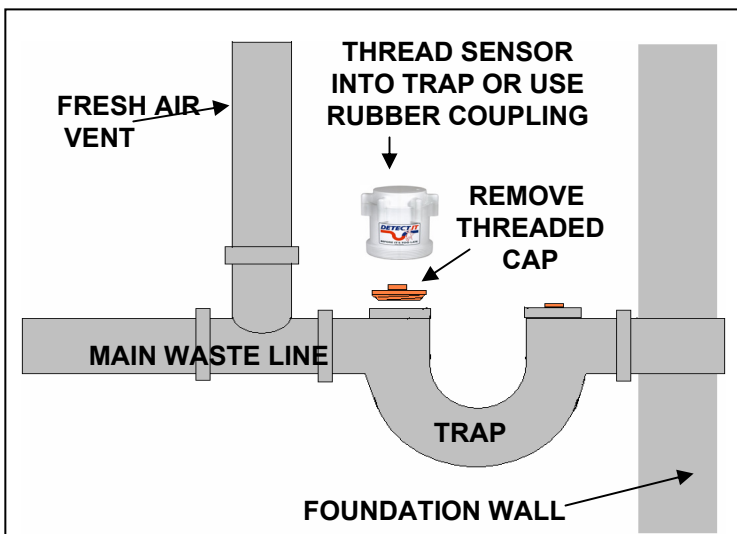
It will then begin flashing on the internal LED. The alarm and the Hard Wired Sensor Unit LED

flashing can only be cleared by pressing the 'Clear' button on the Red Receiver Unit PCB.

This Red Receiver Unit also has the ability to be hooked to a Home Alarm System

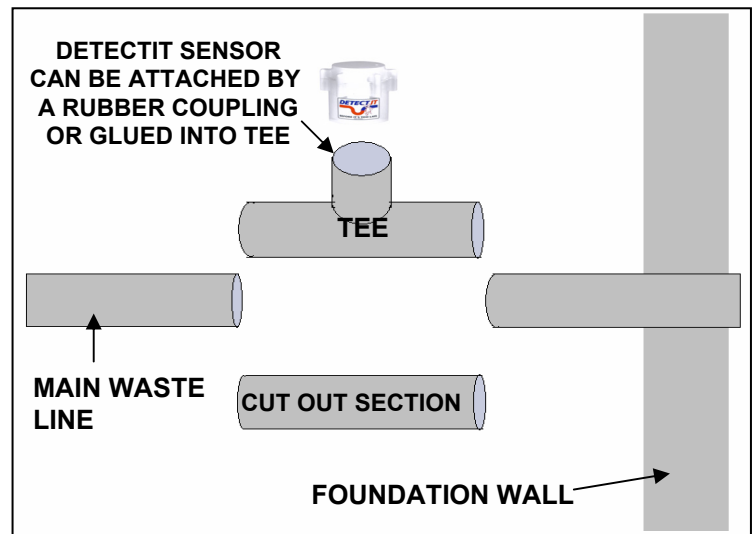
Installation of DETECTIT Sensor on House Trap

1. Remove Trap Cap or Plug from Trap.
Note: Preferred Location is House side of Trap.
2. Clean Threads of Trap with Wire Brush.
3. Apply Joint Compound to DETECTIT Sensor Threads.
4. Thread Sensor into Trap firmly.
5. DETECTIT Sensor can also be attached by a Rubber Coupling.
6. All Sensors come with a black protected cap.



Installation of DETECTIT Sensor on Main Waste Line

1. Cut a section out of the Main Waste Line for the Tee fitting.
2. Install Tee fitting into cut out section of Main Waste Line.
3. Cut the Threads off of the DETECTIT Sensor.
4. Sensor can be attached by a Rubber Coupling.
5. All Sensors come with a black protected cap.



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