

INF-FLOOD

The INF-FLOOD is an indoor flood sensor and transmitter designed for use with the infinite alarm system. This unit is intended for installation adjacent to water tanks, piping, radiators and anywhere prone to damage caused by an undetected water leak. In the event of flooding or leakage, the INF-FLOOD notifies the control panel 30 seconds after detecting the presence of water.

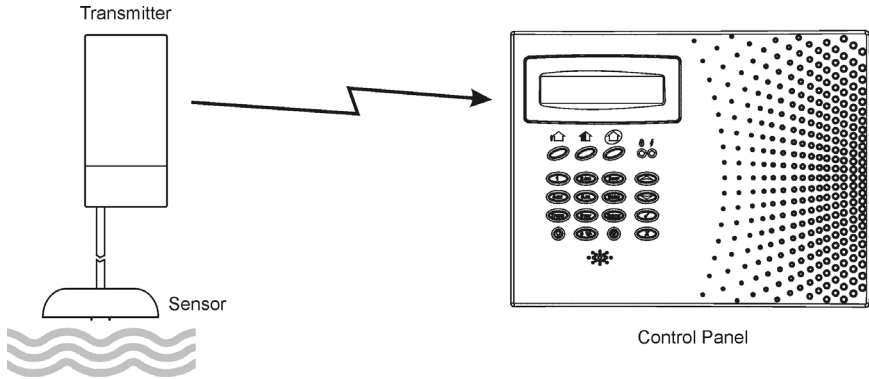


Figure 1: INF-FLOOD Typical Application

Installation Instructions

1. To open the transmitter's housing, insert a small screwdriver at the bottom of the unit between the front and back cover and twist the screwdriver to release the cover.
2. Remove the divider separating the battery from the contacts on the battery holder. When you apply power and the Tamper switch is open, the INF-FLOOD enters Test mode during which a transmission is sent every few seconds. You can terminate Test mode by closing the Tamper switch. Test mode is automatically terminated after approximately five minutes. **Note: Due to the occurrence of voltage delay in lithium batteries that have been in storage, the batteries may initially appear to be dead. In this case, leave the unit in Test mode for a few minutes until the battery voltage level is stabilized.**
3. While the INF-FLOOD is in Test mode, set the receiver to Registration mode and make sure that the transmitter's LED indicator lights up at least twice. After registration, momentarily close the Tamper switch to terminate Test mode. Write the number of the zone and the transmitter number (where applicable) on the sticker provided. Affix the sticker inside the front cover for future reference. **Note: Alternatively, the INF-FLOOD can be registered to the receiver by manually entering the transmitter's serial number.**
4. Choose a mounting location. The transmitter should be positioned in a vertical position high on the wall in order to optimize reception. The sensor should be placed in a position where water will accumulate rapidly in the event of a flood.

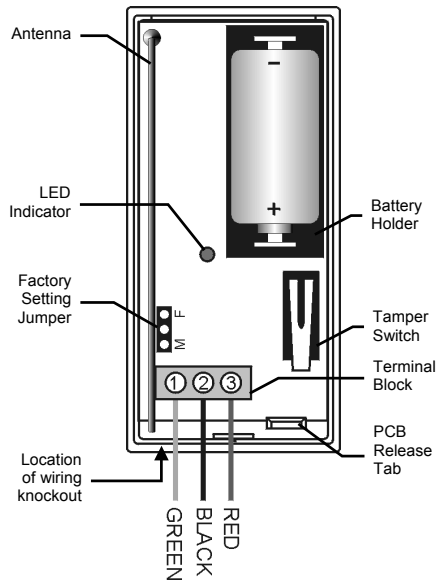


Figure 2: INF-FLOOD Transmitter (Cover Off)

Note: The INF-FLOOD is supplied with the Factory Setting jumper in the "F" position. Do not change the configuration of this jumper.

5. Test the transmitter to determine the suitability of your chosen mounting location. To do so, place the transmitter in the exact mounting position and press the Tamper switch making certain that the transmissions are successfully received. If necessary, relocate the transmitter to a better position and repeat the test.
6. To remove the printed circuit board (PCB), press the PCB release tab, carefully lift the board and slide it away from the back cover. **Note: When handling the PCB, do not apply pressure on the antenna.**
7. Knockout the wiring hole in the back cover.
8. Mount the back cover of the transmitter to the wall using two screws. Use ISO 7050 (ST3.5 x 22) or similar countersunk screws so that the screw head will not touch the PCB – see *Figure 3*.
9. Thread the sensor's cable through the wiring hole.
10. Connect the sensor's cable to the terminal block as shown in *Figure 2*.
11. Replace the PCB inside the back cover making sure that it clicks into place.
12. Before permanently mounting the sensor, place a wet rag over the terminals (located on the bottom of the sensor).
 The INF-FLOOD transmits an alarm 30 seconds after detecting the presence of water. This 30-second delay verifies that the alarm is caused by a significant amount of water and is designed to prevent false alarms caused by humidity or condensation. Similarly, the INF-FLOOD sends a restore signal 30 seconds after the sensor's terminals are dry.
 When the Tamper switch is open, the 30-second delay is canceled in order to speed up the test procedure. Make certain that the LED is lit during transmissions. **Note: The LED indicator does not function when the Tamper switch is closed.**
13. Fix the sensor to the floor using the two screws and rawl plugs provided. Alternatively, you can fix the sensor to the floor using the double-sided adhesive tape provided – see *the following section*.
14. Close the front cover of the transmitter.

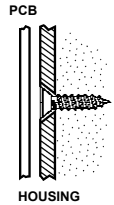


Figure 3: Mounting Screw Position

Sensor Installation With Double-sided Adhesive Tape

If using double-sided adhesive tape to install the sensor, perform the following procedure for best results:

1. Clean all surfaces using a low strength solvent such as isopropyl alcohol to ensure that the surfaces are clean, dry and grease-free.
2. Peel away the backing from the pieces of adhesive tape and attach them to the underside of the sensor. **Note: Do not touch the adhesive with your fingers.**
3. Peel away the backing from the other side of the adhesive tape.
4. Fix the sensor to the floor by firmly applying pressure for a few seconds.

Technical Specifications

Antenna: Built-in Internal Whip
 Frequency: 868.35MHz FM
 Power: 3.6V ½ AA Lithium Battery
Caution: Fire, explosion and severe burn hazard!
Do not recharge, disassemble or heat above 100°C.

Current Consumption: 25mA (transmission)
 10µA (standby)
 RFI Immunity: 40V/m
 Cable Length: 2.4m
 Operating Temperature: 0-60°C



ESP - Electronics Line UK
 Unit 7, Levens Trading Estate, Station Road,
 Stechford, Birmingham B33 9AE.
 Tel: (44-121) 789-8111, Fax: (44-121) 789-8055

IF YOU REQUIRE FURTHER ASSISTANCE
 PLEASE CALL OUR HELPLINE **0121 786 1881**,
 SEND A FAX **0121 789 8055**
 OR AN EMAIL VIA OUR WEBSITE www.espuk.com



Electronics Line

All data is subject to change without prior notice. In no event shall Electronics Line 3000 Ltd. (EL3K) be liable for an amount in excess of EL3K's original selling price of this product, for any loss or damage whether direct, indirect, incidental, consequential or otherwise arising out of any failure of the product. Hereby, Electronics Line 3000 Ltd. declares that this transmitter is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



ZI0326A (7/04)