

## The Integrator Base Station

1. In order to use Safety Turtle with a home alarm system or with a Secondary Alarm supplied by Terrapin, an Integrator Base Station is required. The Integrator Base Station looks like a regular Base Station (see Safety Turtle® User Guide), except for an external plug on the side of the Base Station, into which a cable can be plugged.
2. The Integrator Base Station functions with Turtles (and other Safety Turtle sensors) the same way as a regular Base Station. Read the Safety Turtle® User Guide and perform set up of the Integrator Base Station to ensure complete coverage of an area.
3. The Integrator Base Station has a three contact female jack that contains normally open, normally closed and common contacts. These contacts switch state when the Integrator Base Station begins alarming.
4. If located outdoors, a Terrapin Carrying Bag is required to protect the Integrator Base Station from water and dirt intrusion, direct sun and extreme cold. A Carrying Bag is included with the Integrator Base Station.
5. The home alarm / Secondary Alarm will not sound if the Integrator Base Station loses power. The Integrator Base does **not** have internal battery back up. No alarm will sound if the green light on the Integrator Base Station is not on.
6. Any connection to your home alarm system should be performed by your alarm company. (Instructions for the home alarm company are included.)
7. When properly connected to your home alarm or to a Terrapin supplied Secondary Alarm, secondary alarming will begin immediately after the Integrator Base Station starts alarming. Pressing the moon-shaped button on the Integrator Base Station will stop secondary alarming entirely even though the Integrator Base Station will continue to sound at a lower volume until the Turtle (or other Safety Turtle sensor) stops transmitting.
8. The home alarm or Secondary Alarm will not sound if the Integrator Base Station is activated in Test Mode [amber light on], or fault beeps.
9. Wireless model SB102 is configured for normally closed contact. When the transmitter cable is disconnected, the Secondary Alarm **WILL** sound.
10. Wired model SC102 is configured for normally open contact. When the horn cable is disconnected the Horn **WILL NOT** sound.



Terrapin Communications Inc.  
4017 Carling Ave, Suite 201  
Ottawa, Ontario, K2K 2A3

Tel: (613) 271-0050  
Fax: (613) 271-3007

## **SAFETY TURTLE AND YOUR HOME ALARM SYSTEM**

The Integrator Base Station has a three contact female jack that contains normally open, normally closed and common contacts. These contacts switch state when the Integrator Base Station begins alarming (almost immediately after Turtle is immersed in water).

The external plug for this jack can be used to directly connect the Integrator Base to any standard alarm cabinet. The plug can also be used to connect to a number of different wireless alarm transmitters. The ability to use either normally open or normally closed contacts allows for a wide variety of interface solutions. When connecting to a wireless transmitter, a standard window sensor with external contact facility is utilized. Typically, this type of sensor has a pair of normally open connections (for a window break sensor) and a pair of normally closed connections (for a secondary switch). The Integrator Base can be pre-wired to either of these connections. Using the normally closed pair allows for an alarm if the Base and transmitter become separated for any reason, a reasonable fail-safe. Some wireless transmitters can be set for a short delay or an instant alarm. The instant setting is preferred. The wireless transmitter is a supervised device, thus allowing the alarm cabinet to monitor the communications with the transmitter. This supervision also affords battery status and indicates when the transmitter battery needs to be replaced.

The Safety Turtle Integrator Base should be connected to a zone in the alarm cabinet that has no other devices attached. This zone should be programmed to be an instant, unlatched, emergency alarm. Thereby, pressing the moon-shaped button on the Integrator Base Station cleans both its alarm state and that of the Home Alarm. The central station should not verify this alarm and they should immediately call the Emergency Services personnel. The contact list should only be notified if the responding agency determines there is a need. This programming is similar to a burglary or panic button central station response. The first few moments of a drowning are the most critical and as such, the immediate dispatch of the local emergency services personnel may save enough time to keep a child from drowning.