

## ***Theory of Operation***

The BTC is worn on an infant's ankle. The tag transmits an RF message every 15 seconds. Should the tag near an exit (i.e. enter an LF field created by a VT Exciter), the tag will transmit bursts alarm transmission containing the ID of the Exit. Also, if the tag's band is cut, then the tag will transmit a burst of tamper messages.

The tag ceases to transmit when not in use in order to preserve the rechargeable battery.