

## **3. Specific Requirements**

### ***3.1 Functions***

#### *3.1.1 Operational Description*

The function of the receiver is to decode the information sent by the RTPMS transmitter and indicate the pressure to the end user. It is the responsibility of the customer to determine how the information is displayed to the end-user and what levels of warnings are given. SBII can however offer advice in this area. The display can be in the form of a display, bulbs, buzzer, or even voice synthesis to warn the driver of the abnormal pressures. Dependent on the state of the vehicle, the RTPMS transmitter will sense the actual tyre pressure and transmit the information in a specified format to the receiver. The RTPMS transmitter is a transmit only device and cannot accept information or other stimuli other than for the “Learn” or “Roll” inputs. The RTPMS transmitter will always transmit the tyre pressure, but in addition, it will transmit the function of the particular word and transmitter identification. The functions are: Stationary, Wake, Drive, Low battery, Learn, Re-measure, Normal, Sleep and Off (See next section).