

Vehicle Over Speed Control System

Aim:

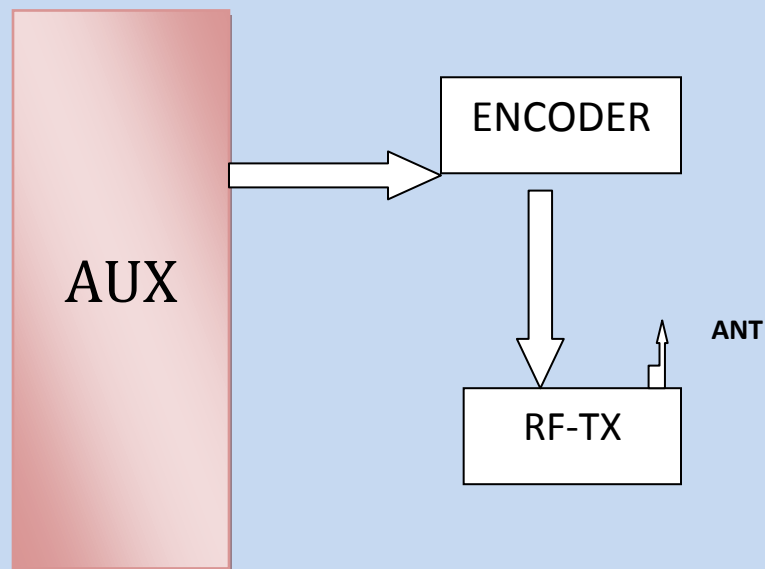
This system is used to monitor speed of the vehicle and to slow down the vehicle to slow speed or the programmed limit speed by using the proximity and wireless sensors.

Description:

This contains two modules,

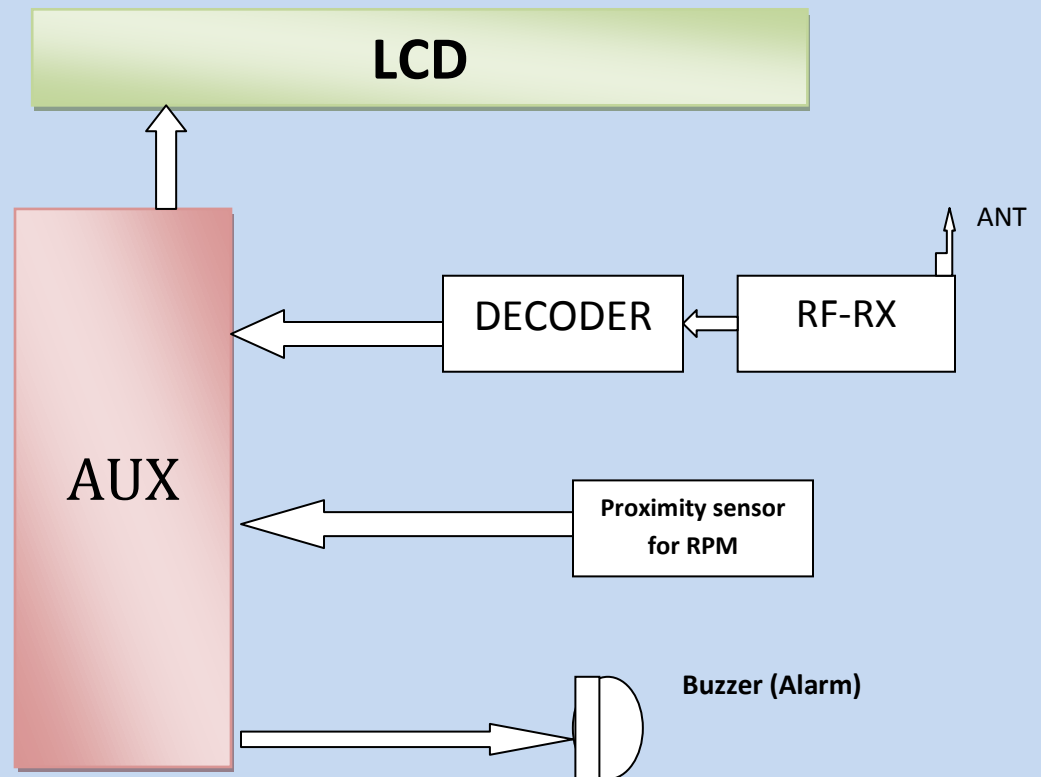
- 1) RF transmitter or school zone module and
- 2) RF receiver or vehicle module

RF TRANSMITTER (SCHOOL ZONE) MODULE:



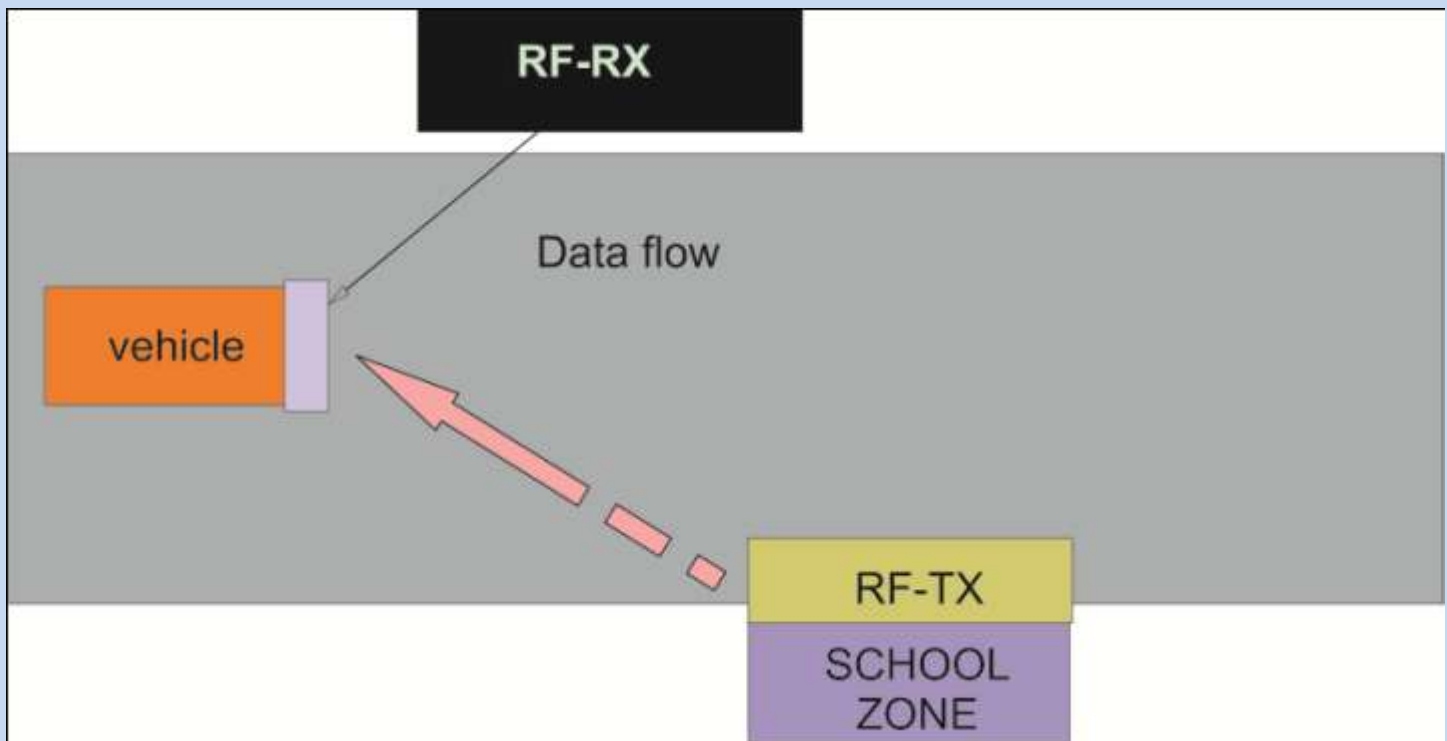
RF RECEIVER (VEHICLE) MODULE:

BLOCK DIAGRAM:



Description:

This Automatic vehicle over speed controlling system for school zone consists of two modules. Here we are using the radio frequency waves to do the communication between the vehicle and the school. So when the data from the rf transmitter received by the vehicle it automatically reduce to the limited speed .The rf waves which are accessed by its rangeable area.



This over speed indication this system is used to read and control the data from the vehicles. And then process it by using microcontroller. The lcd module displays the rpm and the speed of the vehicle. For over speed the alarm raises and alerts the driver.

Advantage of these Systems:

- 1) Save Energy using automatic control systems
- 2) Less cost to communicate
- 3) Less power to automate