Project : **Dodge**

49.86MHz RECEIVER

OPERATIONAL DESCRIPTION

The Dodge Vehicle radio control receiver is a 7.2V powered vehicle. It is designed to operate on a single fixed frequency in the 49.82 – 49.9MHz band. By using this fixed frequency, 3 channel ID function can be achieved by software See the attached block diagram and schematic.

5 forward speed , one backward speed as well as left , right is controlled by MCU. The control code is demodulate through IC 3361 . The local oscillator is 49.405MHz. The received sgnal is received from antenna and amplified through RF amplifer . The antenna is housed outside vehicle and is 30cm long. .

All tuning and vertifications are performed by the manufacturer and there are no adjustments that can be made by the user. No external ground is required or used with this transmitter.