

MOPAR LED Operational Description

The car alarm transmitter is a low powered, hand held unit for remote controlling the car locks and other features. See the function descriptions in attached. The transmitter is powered by 3 volt battery. It is designed to operated on a single fixed frequency at 433.92 MHz. See the attached block diagram and schematic.

There are 2 buttons trigger the integrated circuit (U1) which produces the digital control signals and will modulate the carrier signal. The carrier signal is generated by a 17.634mhz crystal / ASK transmitter IC circuit composed The modulated output of RF is coupled to the coil.

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

The module will be transmitting when the RF module data input is Hi; the module will stop transmitting when the RF module data input is Low. The single is controlled by the CPU control data input inside the control unit.

Normally the transmitting time is about 0.6 seconds, the maximum is lasting for 4.5seconds.

Note: The manufacturer is not responsible for any radio TV interference caused by unauthorized modification to this equipment. Such modifications could void the user's authority to operate the equipment.