

Applicant: Guangdong Sansong Technology Co., Ltd.

FCC ID: RRN-BHSS270A

Operational Description

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

There are 3 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 crystal oscillator and an amplifier circuit comprised of a 434 MHz crystal (X1) and a npn oscillator and a transmitter (Q3/Q4) The modulated output of the RF amplifier stage is coupled to the PCB strip antenna. The coupling network comprised of L6, C15, C16 and C17. The strip antenna is attached on PCB permanently around 20 mm.

The transmitter is manually operated by the buttons pushed and will automatically deactivate within 2 seconds after the button being released. This feature is incorporated by the U1 internally.

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.