

## TRX-86 Operational Description

The 2 way pager is a low-powered transmitter device used in monitoring the automobile security status as well as in remotely engine start system and other optional features .Its features and functions are described in the separate attached sheet.

The transmission is powered by DC 12V and works on 433.92 Mhz single fixed frequency. Details of circuit diagram and its block diagram are shown on the attached sheets.

The automobile' s sensor will trigger the digital control signals and modulate the carrier signal. The carrier signal is generated by a 13.56mhz crystal / FSK transmitter IC circuit composed and a npn transistor. The modulated output of RF amplifier stage is coupled to the coil.

All the tuning and verification are done by manufacturer during the production process and no adjustment is allowed by any consumer. No external ground is needed in such device.