

## **Transmitter Operational Description**

P6457 is used 1.5V \*2 'AA' batteries, it is designed to operate a single fixed frequency in the 49.860MHz band, Please see attached block diagram and schematic.

Device has 4 function keys, they control receiver forward, backward, turn left and right. A five-function Remote Control Encoder—SPRC205A is used on transmitter. SPRC205 receives key controlling signal, a encode serial bit-stream is sent out via filter and antenna.

## **Receiver Operational Description**

Receiver is used 1.5V \*4 'AA' batteries to supply power, using SPRC206A to decode, the supply voltage of SPRC206A is 3.3V via regulator. Antenna receive the modulated signal, the signal is demodulated Through super generator circuit, the demodulating signal is amplified and Decoded by SPRC206A, SPRC206A send out driving signal to drive the Motor.