

## **Transmitter Operational Description**

W6459 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. 4 keys Remote Control Encoder—W55RFS27T1B is used on transmitter. W55RFS27T1B 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, Antenna receive the modulated signal, the signal is demodulated through internal IC, the demodulating signal is amplified and decoded by IC, IC send out driving signal to drive the Motor.