

Transmitter Operational Description

X5450 is used 1.5V *2 'AAA' batteries, it is designed to operate a single fixed frequency in the 27.145MHz band, Please see attached block diagram and schematic.

Device has 2 function keys, they control receiver forward and backward. 2 keys Remote Control Encoder—GPRC205A is used on transmitter. GPRC205A receives key controlling signal, an 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 RF transistor C2712 and receiver IC GPRC206A, the demodulating signal is amplified and decoded by GPRC206A, then send out driving signal to Transistor 8050 / 8550 to drive the Motor run forward and backward.