

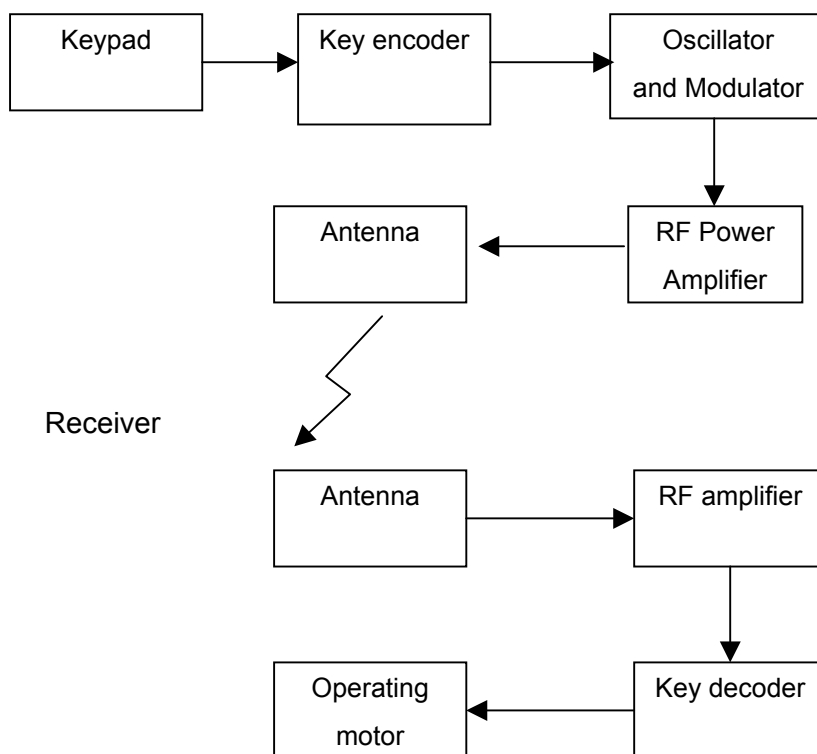
Operational description of Nelson Remote Rain, model 5917

1. What's the Nelson Remote Rain, model 5917

Model 5917 is a portable wireless remote controller. It contains two parts which are remote transmitter and receiver. The receiver of Model 5917 receives remote command and executes it. The operating distance of model 5917 is up to 30 meters.

2. Block Diagram

Remote controller



Steps:

- 1) The key encoder generates a key code when press the keypad.
- 2) The oscillator generates carry frequency which is about 433.92MHz.
- 3) The key code modulates the carrier.
- 4) The output of RF power amplifier is transmitted to antenna.
- 5) The antenna of receiver receives the RF signal and amplifies the signal.
- 6) The decoder decodes the command code.
- 7) The operating motor executes the command.