

Operation Description

Transmitter mode:

The transmitter of the Hydro Xtreme Raceway is powered by a 9V battery. And it is operate at 27.145 MHz. While push the controller stick, it can transmit different radio signal to the receiver to go different direction.

Refer to the circuit diagram, the circuit description is listed below:

- TX2B and associated circuit act as signal encoder.
- X1, Q2 and associated circuit act as oscillator.
- Q1 and associated circuit act as amplifier.
- L2, C8, C15, C16 and associated circuit act as low pass filter.