

Operation Description

The Morphibian is powered by 2 X 1.5V AAA size battery and operated in 49.860MHz. There are two control sticks in the front of unit. When the both keys pushed forward or backward, it will transmit a radio signal for receiver go Forward or Backward. When the left or right control stick pushed once, it will transmit a radio frequency for receiver go Left or Right.

Refer to the transmitter circuit design, the circuit description is listed as below:

- U1 and associate circuit act as key signal.
- Q1, X1 and associate circuit act as modulate oscillator.
- Q2 and associate circuit act as power amplifier.