

Operation Description

R/C soaker

The R/C Soaker is powered by 9V battery. There are two forward /backward stick, one cannon up/down and one shooting button on the EUT. When the two forward or backward stick pushed once it will transmit a radio signal for receiver go forward or backward. When the press up or down stick pushed once, it will transmit a radio signal for cannon up or down. When press the shooting button, it will transmit a radio signal for shooting water.

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

- ❑ U1 and associate circuit act as encoder.
- ❑ Y1, Q2 and associate circuit act as oscillator.
- ❑ Q3 and associate circuit act as amplifier.

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

- ❑ U2 and associate circuit act as encoder.
- ❑ Q2 and associate circuit act as self oscillate.
- ❑ Q3,Q4 and associate circuit act as amplifier.