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ITEM NO. 60002TX and recharge

CIRCUIT DESCRIPTION

A) Transmit :

- 1) TX controller place battery "AA" 1.5V x 6 pcs and turn the switch to ON position and blue light on.
- 2) At the same time, MCU (S8A712CH003H) IC2 vibrate, the 13th leg output signal to L18, R45, TAL and added to Q9.
- 3) From Q9, TAL, C41 and the surrounded components vibrate circuit and vibrate with IC2.
- 4) Vibrate occur FM signal from C37 to Q8 and enlarge the frequency and through C10 to Q7 for 2nd enlarge through C35, L1 to antenna ANT1 transmit.
- 5) Push the joystick upward, MCU output strong signal.

B) Recharge voltage

- 1) Battery 9V for rechargeable unit and voltage 4.3V
- 2) Rechargeable unit current start recharge 60MA and upto 350MA, it takes around 60 minutes and down to 80MA and 40MA when finish.
- 3) Rechargeable lead-time is 1 hour, lithium battery from 3.0V and upto 4.2V~4.3V.
- 4) When lithium battery (4.2V~4.3V), rechargeable unit stop voltage.
- 5) MCU programmed the rechargeable time is 1 hour.

C) Lithium Battery

- 1) Lithium battery storage voltage 3.8V, the wing cannot be rotate at voltage 3.0V.
- 2) Lithium battery from 3.0V to 4.2~4.3V.
- 3) Recharged completed, voltage from 3.2A release and helicopter can fly 3 to 6 minutes.