LAFAYETTE ®

RADIO CONTROL RECEIVER

(Stock No. 99-9104)

This is a highly sensitive single channel receiver, compact, easy to handle and light in weight.

SPECIFICATIONS:

Reception:

4-Transistor Super Regenerative Detection System.

Frequency:

27 Mc R/C Band.

Power Source: 9 volt Battery (Lafayette 99-6021 or its equivalent)

Antenna:

2' 1-1/2" long

Dimensions:

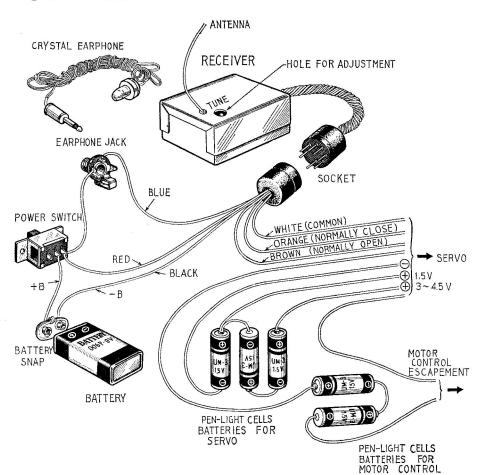
 $1-1/2'' \times 2-1/8'' \times 7/8''$

Weight:

2 oz. (excluding battery)

INSTRUCTIONS:

1. Using the accessories supplied (earphone jack, slide switch, battery snap) finish wiring as shown below:



- 2. Use the specified 9V battery for connection to receiver, another of 3V to 4.5V for connection to escapement or servo.
- 3. Wrap the entire receiver and the batteries with foam rubber piece (thicker than 9/16") or other soft and elastic material, and secure it by a rubber band.
- 4. Antenna wire should not be cut too much shorter than the specified length of 2' 1-1/2", and stretch it up to the vertical tail wing (in case of model airplane) and secure the tip by a rubber band.

ADJUSTMENT:

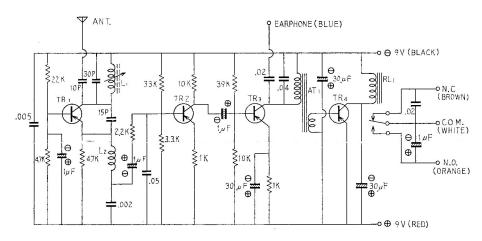
- 1. First, prepare a crystal earphone and adjusting driver (made of bakelite, etc.)
- 2. Keeping the distance between transmitter and receiver at 300 feet or more (longer the better), turn on the transmitter switch, press its push button and turn the TUNE of receiver to right and left by means of adjusting driver until the audiotone coming from the earphone of the receiving circuit is tuned at the maximum volume.

When this has been done, proceed to distance test and vibration test, at the same time, to see if it will operate normally.

REMARKS:

- 1. Never fail to use the specified 9V battery. Replace it with new one if the voltage has been decreased below 7.5V.
- 2. Do not use one battery common to receiver and escapement (or servo). Be sure to use separate batteries for these two.
- 3. Never fail to make distance test before using. In this case, antenna of transmitter can be left shortened.

CIRCUIT DIAGRAM:



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