

## SPECIFICATIONS

Size overall	...	3.1/2" x 2" x 1.1/8"
Weight	...	1.1/4 oz.
RECEIVER VOLTAGE	H. T L. T ...	22.1/2 v. Max 1.1/2 v.
RECEIVER CURRENT	H. T L. T ...	1 m/a 100 m/a
ACTUATOR VOLTAGE	...	6 v. Max
ACTUATOR CURRENT	...	500 m/a Max
COIL DETAILS		
Coil Former	...	6 m/m 1/2" long
Slug. Hexagon Core	...	6 m/m 1/4" long
Tuning Coil	...	20 full turns x 34 swg. TNA or single silk covered wire.
Aerial Coil	...	1 full turn over the tuning coil with the flexible aerial lead.
Receiver - H. T	EXIDE EVEREADY	DH 522 B 122
22.1/2 volt		DH 555 B 155
Receiver - L. T	EXIDE EVEREADY	T. 3 U. 16
1.1/2 volt		T. 4 U. 7
Actuator	EXIDE EVEREADY	DL. 32 D. 22
3 volt		2T 10 8
4.1/2 volt	EXIDE EVEREADY	D. 40 1289.

On no account should the H. T. exceed 22.1/2 volts as this will render the sensitivity control inoperative. The receiver will continue to function however, down to about 19 volts. Below this the H. T. battery should be discarded. As the H. T. current is only in the order of 1 m/a, the smallest of H. T. batteries recommended will last a considerable time.

The L. T. current however, is in the order of 100 m/a and 'Longlife' pen cells must be used as a minimum. L. T. batteries must be discarded when approaching 1 volt on load.

Where weight is of the utmost importance, a 'Longlife' pencil pack may be used for the actuator battery but it must be appreciated that the high current drain will quickly exhaust this type of battery and they must be discarded the moment the actuator ceases to operate in a positive manner and tends to chatter.

A good rule at all times is to use the largest batteries that can be accommodated.

## MATCHING EQUIPMENT

It will be appreciated we can only generalize with the type of ancillary equipment suitable for use with this receiver and the following suggestions are offered for your guidance only. If you have particular preference or are doubtful as to the suitability of the equipment for use with this receiver please do not hesitate to write to us, preferably before purchasing or connecting the equipment to the receiver.

## TRANSMITTERS

This receiver will operate with any good carrierwave transmitter such as our Basic C/W Transmitter Kit or our ready built Converter Modulator Transmitter switched for carrierwave operation. When used with either of these transmitters, together with the recommended batteries, ground range in excess of six hundred yards can be expected.

## ACTUATORS

This receiver without a relay will operate most rubber or clockwork driven sequence actuators that are currently available. These units will give rudder control from single channel equipment without complication. The British made ELMIG range are an excellent sample of this type of unit. Leaflets of these and other types of units are readily available at your model retailer, but it is suggested when purchasing, that you ascertain that the coil resistance of the actuator is between 8-14 ohms, and current is not required in excess of 500 m/a.

## SMALL ELECTRIC MOTORS

This receiver may be connected directly to small electric motors such as a Mighty Midget or TO.5. This is for simple, uni-directional pulsing where the rotation is held in a semi-stalled condition and biased in one direction either mechanically or electronically. It must be appreciated however, that without a switching unit current will only flow in one direction and in consequence the electric motor will only revolve in one direction.

There are however, several motorised servo units available which when connected to this receiver will give sequential directional change mechanically. Some of these units require the use of a relay, others will operate relayless.