

Electrohome

93A82-S

Z93A82-D

PERMO-CAP AUTOMATIC TUNING

(Refer to chassis layout chart.) There are six buttons which may be easily ad-

Two adjustments are necessary for setting each button. The adjusting screws are located on the chassis directly behind the button which they tune and are designated by No. 1 and No. 2. (Refer to chassis layout chart.)

The best method of adjustment is to choose the six stations (two within each frequency range as listed above) and proceed as follows:

the tuning knob to the desired station (within the 550 K.C.—1100 K.C. range.) (1) Set the selector switch to position "L" and rotate

the button on the extreme left. (2) Set the selector switch to position "A" and press

layout chart) and make a temporary adjustment as follows: If the frequency of the station is near the high end of the range covered by the button, loosen the ciated with the button pressed (see Adj. No. 2, chassis (3) Locate the antenna adjusting screw which is asso-If it is near the low end, tighten the screw.

> (4) Locate the oscillator adjusting screw which is associated with the button pressed (see Adj. No. 1, chassis layout chart) and turn the screw until you hear the same station which was being received in step No. 1; same program, it is possible to tune to the incorrect station. In this case the only check is to wait for station identification. within the same frequency range are broadcasting the adjust until the loudest signal is heard. If two stations

3 until the loudest signal is heard. (5) Turn the adjusting screw referred to in Step No.

in row No. 1 to compensate for any slight discrepancy caused by adjusting the other screws.

(7) Tear the correct station name from the sheet sun-(6) Following the adjustment of the six automatic tuning button circuits it is advisable to re-adjust the screws

station name can be removed by means of a pin. corners should be pushed in securely. If necessary, the plied and insert it into the correct space. The sides and

second button must be pressed. When adjusting for the third station, the third button must be used and so on The only difference is of course that in step No. 2 the scribed above to adjust for the second station desired Then proceed in exactly the same manner as de-

ALIGNMENT ---- PROCEED IN SEQUENCE LISTED

Wave Trap	8 M. C.	16 M. C.	800 K. C.	1460 K. C.	1st I. F.	2nd I. F.	Band
В	S	S	В	В	В	В	Band Switch Setting
200 Mmfd.	400 Ohm	400 Ohm	200 Mmfd.	200 Mmfd.	.1 Mfd.	.1 Mfd.	Dummy Antenna
Antenna	Antenna	Antenna	Antenna	Antenna	Grid of #A8G Convertor	Grid of 6K7G I. F. Tube	Connect Generator To
535 K. C.	6 M. C.	15 M. C.	600 K. C.	1480 K. C.	1700 K. C.	1700 K. C.	Radio Dial Setting
455 K. C.	6 M. C.	15 M. C.	600 K. C.	1460 K. C.	455 K. C.	455 K. C.	Generator Frequency
C1	S. W. Padder C16	S.W. Osc. C6F S.W. R.F. C6D S.W. Ant. C5B	B. C. Padder C2	B.C. Osc. C6:E B.C. R.F. C6:C B.C. Ant. C5:A	1st I. F. C12 C13	2nd I. F. C18 C19	Trimmer Adjusted
Minimum Output	Maximum Output	Maximum Output	Maximum Output	Maximum Output	Maximum Output	Maximum Output	Adjustment
		Check Image See Note 1	Rock Rotor Back & Forth				Note