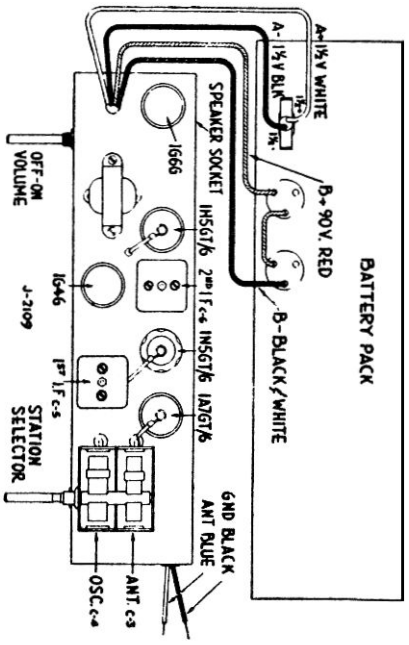


ALIGNMENT AND CALIBRATION

These receivers are carefully aligned and calibrated at the factory with precision instruments. If realignment is necessary, the following equipment is required:

- (1) A signal generator to supply with accuracy the frequencies:
 - (a) 455 K.C., (b) 1460 K.C., (c) 600 K.C.
- (2) A dependable output meter.

TUBE LAYOUT CHART



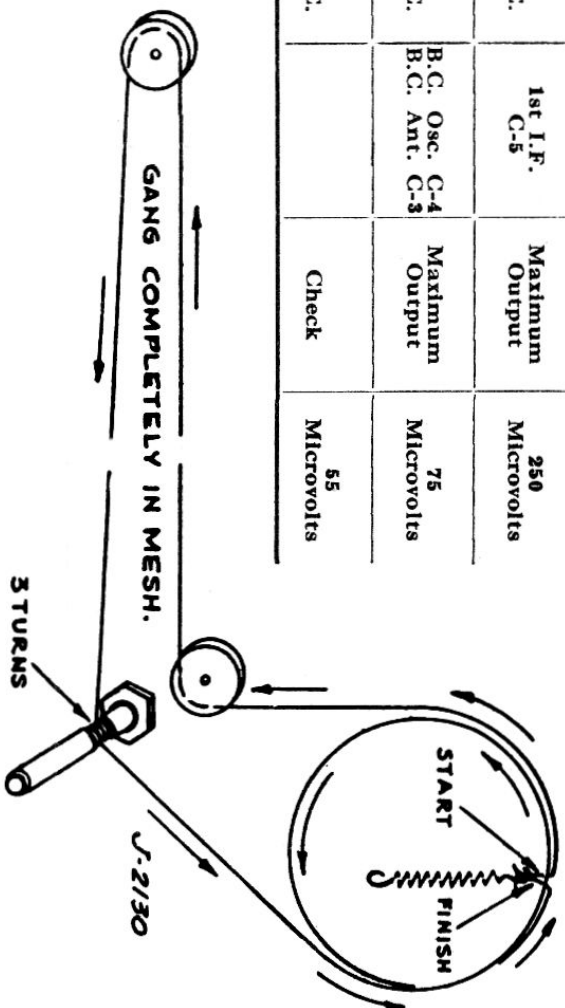
Electrohome Arcadia 43-6345C Battery Operated Receiver

Electrohome

ALIGNMENT—PROCEED IN SEQUENCE LISTED

Band	Band Switch Setting	Dummy Antenna	Connect Generator To	Radio Dial Setting	Generator Frequency	Trimmer Adjusted	Adjustment	Approx. Sensitivity for 50 M. W. Output
2nd I.F.		.05 Mfd.	Grid of IN5GT/G Tube	1650 K.C.	455 K.C.	2nd I.F. C-6	Maximum Output	8000 Microvolts
1st I.F.		.05 Mfd.	Grid of IA7GT/G	1650 K.C.	455 K.C.	1st I.F. C-5	Maximum Output	250 Microvolts
K.C.		200 Mmfd.	Ant.	1460 K.C.	1460 K.C.	B.C. Osc. C-4 B.C. Ant. C-3	Maximum Output	75 Microvolts
K.C.		200 Mmfd.	Ant.	600 K.C.	600 K.C.		Check	55 Microvolts

STRINGING DETAIL



Arcadia 43-6345C Battery Operated Receiver

SENSITIVITIES

Sensitivity in microvolts for 50 milliwatts output (voice coil impedance 3.2 ohms) carrier modulated 30% at 400 cycles.

Dummy antenna 200 Mmfd. for antenna sensitivity, .05 Mfd. for I.F.

1st I.F. Grid.....	455 Kc.	600 Kc.	900 Kc.	1400 Kc.
Converter Grid.....	8000			
Antenna.....	250	380	350	350
		55	60	75