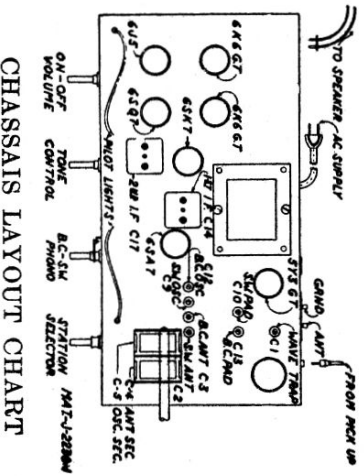


WINDING POLARITY
 "S" DESIGNATES START OF WINDING
 "F" DESIGNATES FINISH OF WINDING



Electrohome

Serenader 710 (Factory Model SC72-437)

Serenader 708-2 & 708-6

(Factory Model SCC72-4171Z)

ALL VOLTAGES MEASURED TO CHASSIS WITH 20,000Ω PER VOLT METER
 BAND SELECTOR SWITCH SHOWN IN PHONO POSITION (EXTREME COUNTER IN CLOCKWISE) NUMERAL INDICATES WAFER BACK FROM FRONT CHASSIS SKIRT AND LETTER DESIGNATES FRONT OR REAR OF WAFER.

Electrohome

Serenader 710 (Factory Model SC72-437) Serenader 708-2 & 708-6 (Factory Model SCC72-4171Z)

ALIGNMENT—PROCEED IN SEQUENCE LISTED.

Band	Band Switch Setting	Dummy Antenna	Connect Generator To	Radio Dial Setting	Generator Frequency	Trimmer Adjusted	Adjustment	Note
2nd I.F.	B.C.	Blocking Condenser .05 mfd.	Grid of 6SK7 1st I.F.	1460 K.C.	455 K.C.	G-18	Maximum Output	
1st I.F.	B.C.	Blocking Condenser .05 mfd.	Grid of 6SA7 Converter	1460 K.C.	455 K.C.	G-15	Maximum Output	
455 K.C.	B.C.	200 mmfd.	Antenna	1460 K.C.	455 K.C.	G-1	Minimum Output	
1460 K.C.	B.C.	200 mmfd.	Antenna	1460 K.C.	1460 K.C.	G-13 G-5	Maximum Output	
600 K.C.	B.C.	200 mmfd.	Antenna	600 K.C.	600 K.C.	G-14	Maximum Output	Rock Gang Slightly
16 M.C.	S.W.	400 ohm	Antenna	16 M.C.	16 M.C.	G-10 G-5	Maximum Output	
6 M.C.	S.W.	400 ohm	Antenna	6 M.C.	6 M.C.	G-11	Maximum Output	

SENSITIVITIES

Sensitivity in microvolts for 500 milliwatts output (voice coil impedance 3.2 ohms) carrier modulated 30% at 400 cycles.

455 K.C.	1460 K.C.	900 K.C.	600 K.C.	16 M.C.	10 M.C.	6 M.C.
1st I.F. Grid 4400	—	—	—	—	—	—
Converter Grid..... 80	82	82	84	86	86	86
Antenna..... —	18	15	12	40	50	70

STURNS

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.,
 - (d) 16 M.C., (e) 6 M.C.
- (2) A dependable Output meter.

Note 1—When aligning oscillator section at high frequencies, care should be taken that the receiver is not adjusted to an image frequency in place of the fundamental. At 16 M.C., fundamental will be obtained at minimum trimmer capacity.

Note 2—When aligning antenna trimmer at high frequencies, rock gang condenser back and forth to obtain maximum peak.

STRINGING DETAIL

