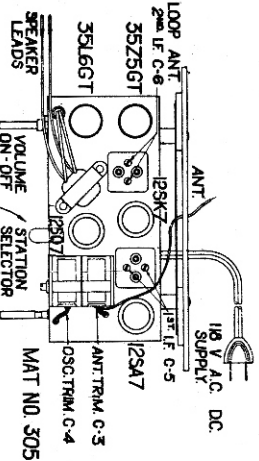


NOTE:
CHASSIS GROUND ONLY
NOT EXTERNAL.

INT. FREQ. 455 I.C.

CONDENSERS		RESISTORS		COILS	
C1	64MG CONDENSER (ANTI STATIC)	R1	1M500Ω	T1	OSCILLATOR COIL
C2	64MG CONDENSER (ANTI STATIC)	R2	33,000 Ω	T2	5T I.F. TRANS. COIL
C3	470V 2MG TANTALUM (OSC. SECTION)	R3	250,000 Ω	T3	2A0 I.F. TRANS. COIL
C4	500V 2MG TANTALUM (OSC. SECTION)	R4	100,000 Ω	T4	2A0 I.F. TRANS. COIL
C5	500V 2MG TANTALUM (OSC. SECTION)	R5	2.2M500Ω	T5	2A0 I.F. TRANS. COIL
C6	500V 2MG TANTALUM (OSC. SECTION)	R6	47,000 Ω		
C7	500V 2MG TANTALUM (OSC. SECTION)	R7	100,000 Ω		
C8	500V 2MG TANTALUM (OSC. SECTION)	R8	125 Ω		
C9	500V 2MG TANTALUM (OSC. SECTION)	R9	500,000 Ω		
C10	500V 2MG TANTALUM (OSC. SECTION)	R10	100,000 Ω		
C11	500V 2MG TANTALUM (OSC. SECTION)	R11	100,000 Ω		
C12	500V 2MG TANTALUM (OSC. SECTION)				
C13	500V 2MG TANTALUM (OSC. SECTION)				
C14	500V 2MG TANTALUM (OSC. SECTION)				
C15	500V 2MG TANTALUM (OSC. SECTION)				
C16	500V 2MG TANTALUM (OSC. SECTION)				
C17	500V 2MG TANTALUM (OSC. SECTION)				
C18	500V 2MG TANTALUM (OSC. SECTION)				
C19	500V 2MG TANTALUM (OSC. SECTION)				
C20	500V 2MG TANTALUM (OSC. SECTION)				



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.

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

1941-42

ALIGNMENT—PROCEED IN SEQUENCE LISTED.

Band	Band Spread Setting	Dummy Antenna	Connect Generator To	Radio Band Setting	Generator Frequency	Trimmer Adjusted	Adjustment
2nd I.F.	B.C.	.1 Mfd.	Gnd of 12SK7 I.F. Tube	1690 K.C.	455 K.C.	2nd I.F. C ₆	Maximum Output
1st I.F.	B.C.	.1 Mfd.	Gnd of 12SQ7 Converter	1690 K.C.	455 K.C.	1st I.F. C ₅	Maximum Output
1460 K.C.	B.C.	400 Ohm	Antenna	1460 K.C.	1460 K.C.	B.C. Osc. C ₄ B.C. Ant. C ₃	Maximum Output
600 K.C.	B.C.	400 Ohm	Antenna	600 K.C.	600 K.C.		

1U51-P-3, 1U51-S-3 and 1U51-D-3 have a 110 volt pilot lamp across the a.c. line and some models have a tone control substituted for R11.

MODELS

1U51-D
1U51-L-1
1U51-P-1,2,3
1U51-E-1,2,3,4,5,6
1U51-S-3
1U51-D-3
1U51-P

Phonola 157 (Electrohome)