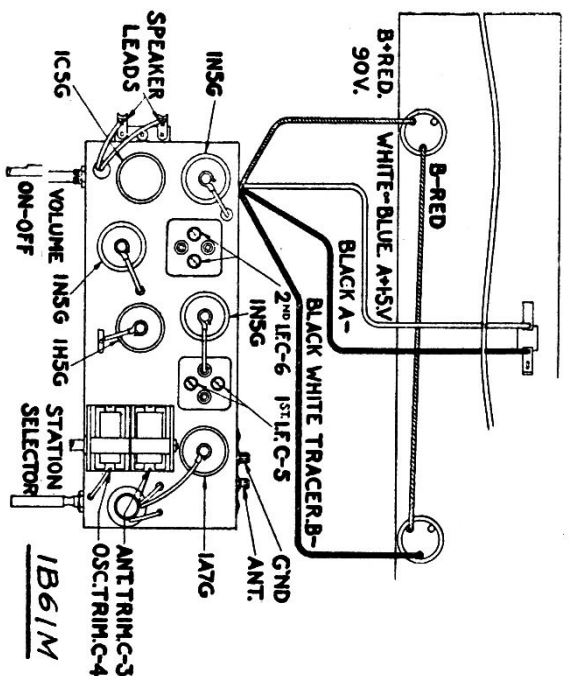
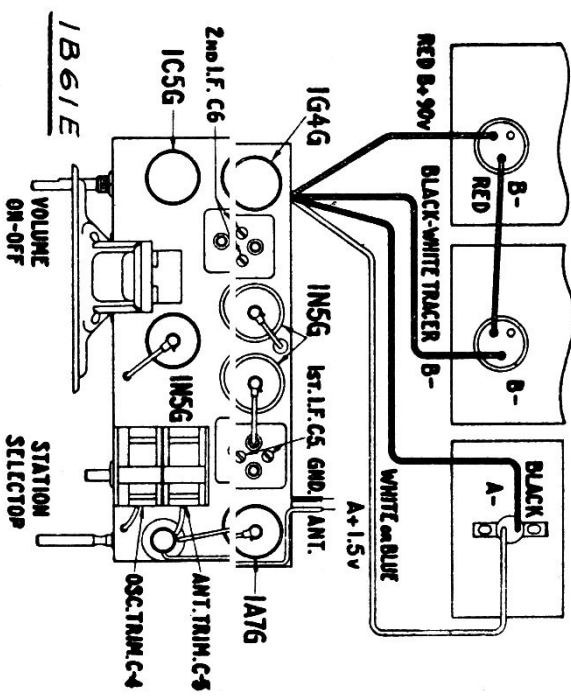


RESISTORS			
R1	22,000 Ω	1/4 W.	±20%
R2	150,000 Ω	1/4 W.	±20%
R3	47,000 Ω	1/4 W.	±20%
R4	1 MEGOHM	1/4 W.	±20%
R5	15,000 Ω	1/4 W.	±20%
R6	2.2 MEGOHMS	1/4 W.	±20%
R7	.35 Ω	1/2 W.	±10%
R8	47,000 Ω	1/4 W.	±20%
R9	1 MEGOHM VOLUME CONTROL		
R10	5 MEGOHMS	1/4 W.	±20%
R11	500,000 Ω	1/4 W.	±20%
R12	150,000 Ω	1/4 W.	±20%
R13	2.2 MEGOHMS	1/4 W.	±20%
R14	750 Ω	1/2 W.	±5%
R15	2.2 MEGOHMS	1/4 W.	±20%
R16	5 Ω	1/2 W.	±10%

CONDENSERS			
C1	GANG CONDENSER (ANT. SECTION)		
C2	ANT. TRIMMER (ON GANG)		
C3	OSC. TRIMMER (ON GANG)		
C4	OSC. TRIMMER (ON GANG)		
C5	1ST. I.F. TRIMMERS		
C6	2ND. I.F. TRIMMERS		
C7	.05 MF. 200 V. TUBULAR		
C8	.120 M.M.F. ±20% MICA		
C9	.05 MF. 200 V. TUBULAR		
C10	.05 MF. 200 V. TUBULAR		
C11	50 M.M.F. ±10% MICA		
C12	.120 M.M.F. ±20% MICA		
C13	.01 MF. 400 V. TUBULAR		
C14	.1 MF. 200 V. TUBULAR		
C15	260 M.M.F. ±20% MICA		
C16	.01 MF. 400 V. TUBULAR		
C17	.004 MF. 600 V. TUBULAR		
C18	.4 MF. 100 V. TUBULAR ELECT'IC.		
C19			

COILS	
T1	ANTENNA COIL
T2	OSCILLATOR COIL
T3	1ST. I.F. TRANSFORMER COIL
T4	2ND. I.F. TRANSFORMER COIL
T5	OUTPUT TRANSFORMER COIL
L1	P.M. DYNAMIC SPEAKER
SL	ON OFF SWITCH.



ALIGNMENT—PROCEED IN SEQUENCE LISTED. INT. FREQ. 455 K.C.

Band	Band Switch Setting	Dummy Antenna	Connect Generator To	Radio Dial Setting	Generator Frequency	Trimmer Adjusted	Adjustment
2nd I.F.	B.C.	.1 Mfd.	Grid of 1N5.G. I.F. Tube	1700 K.C.	455 K.C.	2nd I.F. C-6	Maximum Output
1st I.F.	B.C.	.1 Mfd.	Grid of 1A7.G. Converter	1700 K.C.	1700 K.C.	1st I.F. C-5	Maximum Output
1460 K.C.	B.C.	200 Mmfd.	Antenna	1460 K.C.	1460 K.C.	B.C. Osc. C-4 B.C. Ant. C-3	Maximum Output
600 K.C.	B.C.	200 Mmfd.	Antenna	600 K.C.	600 K.C.	Check only	

PHONOLA 1B61-E, 1B61-M VIKING 42-72X