



ANTENNA CONNECTIONS

The receiver as shipped from the factory has the "S.W." Foil Antenna and the "B.C." Band Loop Antenna connected for operation without an external antenna. Should greater signal pick-up be desired an external antenna should be connected to terminal "A" of the Ant. & Gnd. terminal strip assembly. The antenna should comprise 50 to 100 feet, including lead-in, of copper wire mounted as high as possible and clear of buildings to minimize interference from electrical equipment. With the external antenna connected to terminal "A" (as above) "S.W." reception is provided on the external antenna and "B.C." reception on the "B.C." Band loop antenna. For "B.C." Band reception on the external antenna, the blue wire, from the loop antenna which extends through the back of the receiver, must also be connected to terminal "A" of the Ant. & Gnd. terminal strip assy.

SIGNAL GENERATOR ALIGNMENT AND SENSITIVITY MODULATED 30% AT 400 CRS.

STEP	APPLY SIGNAL AT KC.	TUNING DUNNY TO	SET GANG AT	ADJUSTOR FOR MAX OUTPUT FOR 500 MILLIVOLTS OUTPUT	NOMINAL SENSITIVITY
1	455	6BA6 I/F	.05	2ND I.F. IRON CORES	6000 MICROVOLTS
2	455	6BE6 I/F	.05	1ST I.F. IRON CORES	120
3	1460	6BE6 I/F	OPEN	B.C. OSC. TRIMMER	150
4	1460	ANT.	1460 KC.	B.C. ANT. I/F TRIMMER	20
5	600	ANT.	600 KC.	PADDER	20
6	16MC	ANT.	16MC.	S.W. OSC. INTERSTAGE ANT. TRIM.	50
7	10MC.	ANT.	10MC.	CHECK POINT	50

COMPONENT VALUES

RESISTORS: HALF WATT UNLESS OTHERWISE NOTED.
20% TOLERANCE UNLESS OTHERWISE NOTED.

CONDENSERS: T=TUBULAR, FOLLOWED BY CAP IN MFD. AND D.C.W.V.
E=ELECTROLYTIC, FOLLOWED BY CAP IN MFD. & D.C.W.V.
C=CERAMIC, FOLLOWED BY CAP IN MFD. & TOL. IF CRITICAL.
M=MICA, FOLLOWED BY CAP IN MFD. & TOL. IF CRITICAL.

ALL VOLTAGES ±10% MEASURED TO CHASSIS WITH 20,000 OHM / VOLT METER, 117 V. LINE RADIO-PHONO SWITCH SHOWN IN PHONO POSITION.

EMBASSY - PARAGON