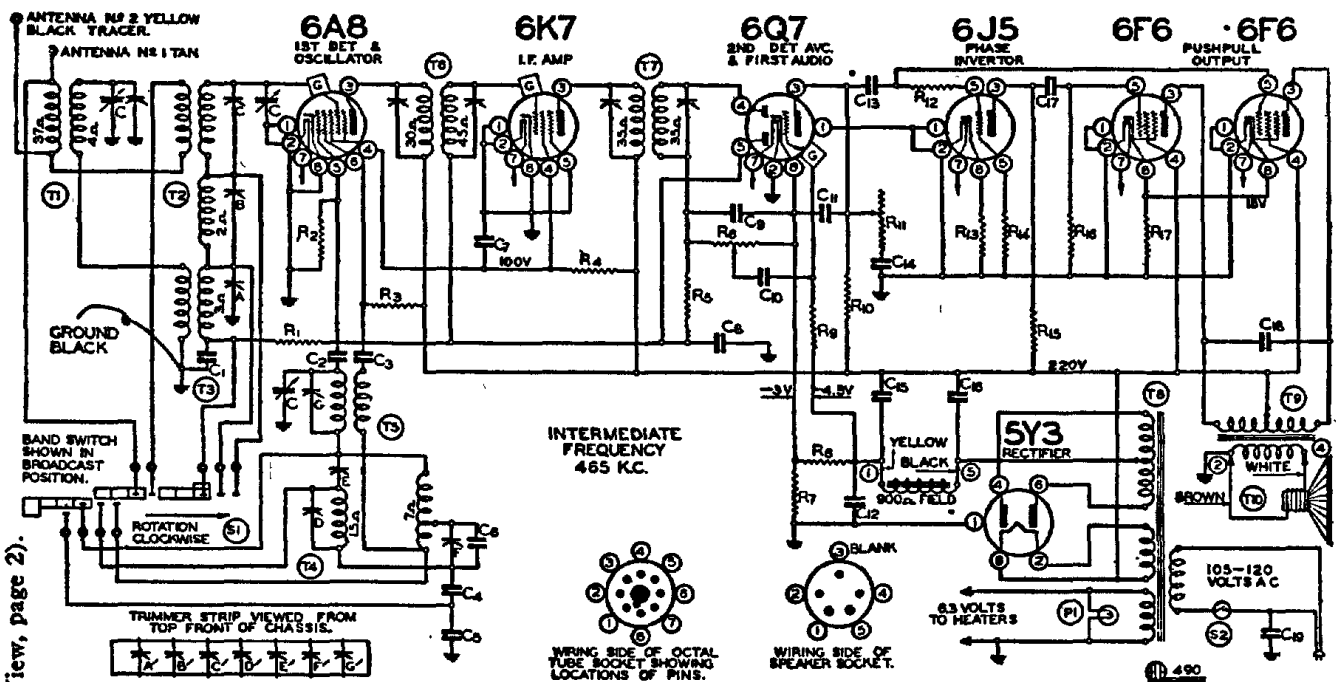


For conventional types of antennas connect the tan wire to the antenna lead and the yellow with black tracer and the black wire together to the ground lead.

When a doublet antenna is used connect the tan wire and the yellow with black tracer wire to the doublet antenna and the solid black wire to the ground lead. (See Fig. 1—Top View, page 2).



Code No.	Part No.	Description	Code No.	Part No.	Description
RESISTORS					
R1	130-103	100M ohm - 1/3 w. 10%	C7	100-39	.1 x 400 v. 20%
R2	130-12	50M ohm - 1/3 w. 20%	C8	100-26	.02 x 400 v. 25%
R3	130-123	15M ohm - 1/2 w. 10%	C9	129-5	.0001 Mica 20%
R4	130-196	30M ohm - 1 w. 10%	C10	100-26	.02 x 400 v. 25%
R5	130-4	3 megohm - 1/3 w. 20%	C11	129-2	.0005 Mica 20%
R6	101-104	1 megohm volume control	C12	100-20	.1 x 200 v. 25%
R7	130-198	40 ohm - 1/2 w. 10%	C13	100-26	.02 x 400 v. 25%
R8	130-197	20 ohm - 1/3 w. 10%	C14	100-57	.006 x 600 v. + 10 - 20%
R9	130-4	3 megohm - 1/3 w. 20%	C15	103-14	16 mfd. lytic 275 w.v. Reg.
R10	130-103	100M ohm - 1/3 w. 10%	C16	103-6	8 mfd. lytic 350 w.v.
R11	101-105	300M ohm - tone control	C17	100-26	.02 x 400 v. 25%
R12	130-163	400M ohm - 1/3 w. 10%	C18	100-37	.003 x 600 v. 10%
R13	130-22	5M ohm - 1/3 w. 20%	C19	100-61	.02 x 600 v. bakelite 20%
R14	130-103	100M ohm - 1/3 w. 10%	PARTS		
R15	130-12	50M ohm - 1/3 w. 20%	T1	111-88	B.C. Pre-Selector Coil complete
R16	130-102	500M ohm - 1/3 w. 10%	T2	111-87	S.W.M.W. Antenna Coil Complete
R17	130-195	250 ohm - 1.2 w. 10%	T3	111-86	B.C. Antenna Coil Complete
CONDENSERS					
C	102-62	3 gang variable	T4	110-69	M.W. Oscillator Coil Complete
C1	100-22	.05 x 200 v. 25%	T5	110-70	S.W. B.C. Oscillator Coil Complete
C2	129-67	.00004 Mica 10%	T6	108-105	Input I.F. 465 kc. Complete
C3	100-25	.002 x 600 v. 25%	T7	108-106E	Output I.F. 465 kc. Complete
C4	129-83	.0027 Mica 2-1/2%	T8	104-87C	Power Transformer
C5	129-84	.003 Mica 2-1/2%	T9	105-58	Output Transformer
C6	129-88	.0006 Mica 5%	T10	114-109	6" dynamic speaker (900 Ohm Field)
			S1	125-45	Wave change switch
			S2		Off-on switch on tone control
			P1	107-94	6-8 volt pilot light

Voltages taken from different points of circuit to chassis are measured with volume control full on, all tubes in their sockets and speaker connected, with a volt meter having a resistance of 1000 ohms per volt. These voltages are clearly indicated on the circuit diagram.

IN ORDER TO PREVENT SIGNAL FROM ACTING UPON AVC AND AFFECTING ACCURACY OF VOLTAGE MEASUREMENTS, AERIAL AND GROUND LEADS SHOULD BE SHORT CIRCUITED WHILE MAKING MEASUREMENTS.

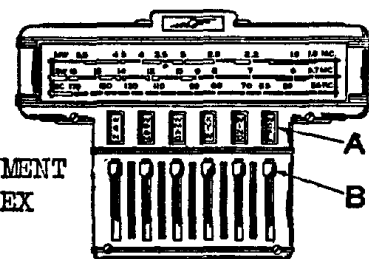
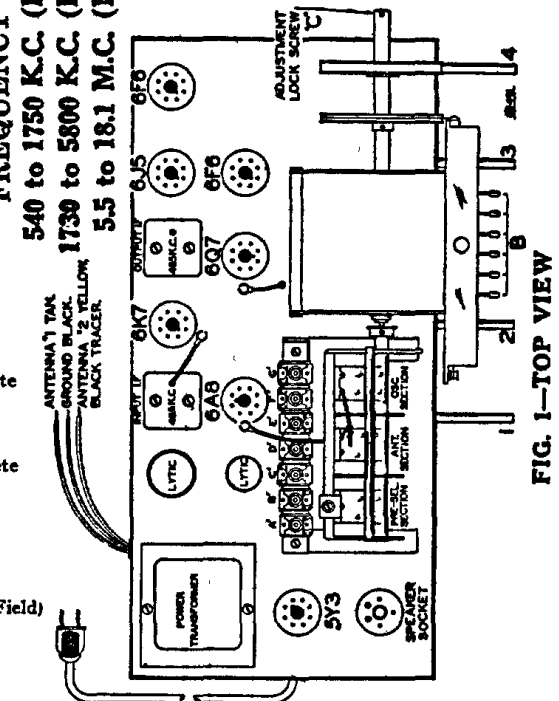
All voltages are to be measured with 115 volts on the primary of the power transformer.

Receivers of this model which are to be used on voltages or frequencies other than 105-115 volts, 60 cycles are so marked. The power consumption of this receiver is 75 watts.

FREQUENCY RANGE
540 to 1750 K.C. (Kilocycles)
1730 to 5800 K.C. (Kilocycles)
5.5 to 18.1 M.C. (Megacycles)

Mica condensers are coded with an additional dot indicating tolerance:

Color of Dot	Tolerance percent
White	2 1/2 %
Green	5 %
Blue	10 %
Yellow	15 %
Red	20 %
None	More Than 20 %



FOR ALIGNMENT
SEE INDEX



FIG. 2—FRONT VIEW

CHASSIS MODEL 761

SERIES A

3-Band All-Wave A.C. Superheterodyne Receiver

(Serial No. 8A973750 and up)