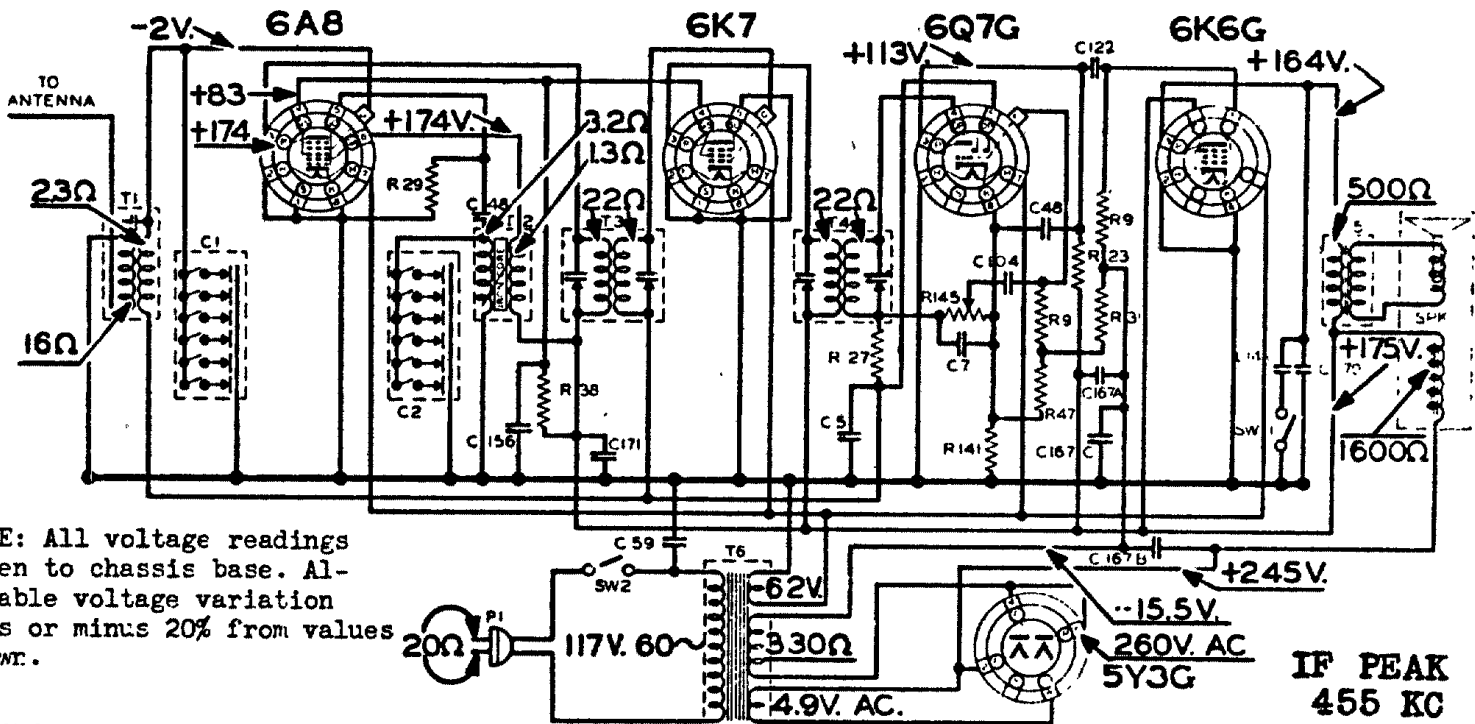


RADIO MODEL NUMBER 68



NOTE: All voltage readings taken to chassis base. Allowable voltage variation plus or minus 20% from values shown.

RESISTORS			
Ref. No.	Part No.	Description	Price
R29	17-2060	50,000 ohm $\frac{1}{2}$ watt	.20
R31	17-2066	260 ohm $\frac{1}{2}$ watt	.20
R5	17-2070	500,000 ohm $\frac{1}{2}$ watt	.20
R9	17-2080	1,000,000 ohm $\frac{1}{2}$ watt	.20
R13	17-3011	250,000 ohm $\frac{1}{2}$ watt	.20
R27	17-4788	2,000,000 ohm $\frac{1}{2}$ watt	.20
R38	17-1A028	30,000 ohm $\frac{1}{2}$ watt	.20
R47	17-1A099	50 ohm $\frac{1}{2}$ watt	.20
R141	17-1A224	60 ohm $\frac{1}{2}$ watt	.20

CONDENSERS			
Ref No.	Part No.	Description	Price
C7	17-2054	.0001 mfd - 600 Volt	.25
C10	17-2189	.01 mfd. - 400 Volt	.35
C140	17-2184	.02 mfd. - 400 Volt	.35
C104	17-4206	.01 mfd. - 200 Volt	.20
C48	17-4207	.00025 mfd. 600 Volt	.25
C156	17-4397	.05 mfd. - 400 Volt	.35
C5	17-1A015	.05 mfd. - 200 Volt	.30
C167 A,B,C	17-1A233	10-10 mfd. 450 Volt, 20 mfd. 25 Volt	2.50

C170	17-14237	.005 mfd. - 400 Volt	.25
C171	17-14238	.1 mfd. - 400 Volt	.40
C59	17-14615	.01 mfd. - 400 Volt	.35
C1-C2	17-15925	6 button trimmer type condn.	1.00
COILS AND TRANSFORMERS			
Saf. No.	Part No.	Description	Price
T6	00-13919	Power Transformer	3.50
T5	00-13920	Output Transformer	1.50
T1	00-13921	Antenna Coil	.75
T2	00-13922	Oscillator Coil	.75
T3	00-13923	1st I.F. Transformer	1.50
T4	00-13924	2nd I.F. Transformer	1.50

Part No.	Description	Price
29-3136	Instruction sheet	.02
83-2356	Grille Cloth	.15
29-3120	Call letter sheets (per set)	.20

29-3131	Carton	
29-3136	Instruction sheet	.35
29-13450	Knob - Push Button	.02
		.10
29-13456	Celluloid Call Letter Window Strip	
23-13461	Thumb Screw (acutcheon mounting)	.10
17-15791E	Line cord and Plug	.40
17-15904	5" Speaker	4.00
29-15908	Cabinet (walnut bakelite)	5.50
41-15914	Acutcheon Plate	.40
29-15916	Cabinet back (black fibre)	.25
17-15926A	Volume Control and Switch	1.00
17-15927	Tone Control Switch	.35
29-15937	Knob (walnut bakelite)	.15
29-15963	Knob-Variator (walnut bakelite)	.15

BALANCING INSTRUCTIONS

All adjustments to be made for maximum output. Volume and tone controls in high position. Standard output is indicated by a reading of 1.3V AC across the speaker voice coil.

Connect Balancing Oscillator To:	Balancing Oscillator Frequency	Depress Push Button No.	Adjust Padder No.	Padder Frequency Range
6A8 Grid Cap	455 KC	F	1,2,3, & 4	
Red Antenna Wire	1400 KC	A	5 and 6	1725 to 1350 KC
Red Antenna Wire	1200 KC	B	7 and 8	1500 to 1150 KC
Red Antenna Wire	1000 KC	C	9 and 10	1300 to 900 KC
Red Antenna Wire	800 KC	D	11 and 12	1100 to 650 KC
Red Antenna Wire	700 KC	E	13 and 14	1100 to 650 KC
Red Antenna Wire	600 KC	F	15 and 16	900 to 550 KC

Padders 5,7,9,11,13 and 15 are oscillator padders and will cover the range of frequencies st

*VARIATOR KNOB should be set to mid-position as indicated by setting white line opposite dot on cabinet front.

ELECTRICAL AND MECHANICAL SPECIFICATIONS

TUBES

6A8 - 1st Detector, Oscillator
6K7 - I.F Amplifier
6Q7G - 2nd Detector, AVC, Audio Amplifier
6K6G - Power Output Amplifier
5Y3G - Rectifier
DIAL LIGHT: Mazda 51
FREQUENCY RANGE: 1725 to 540 KC
POWER OUTPUT: 2.3 Watts

SPEAKER: 5" Electro Dynamic, 3 ohm Voice Coil
1600 Ohm field

VOLTAGE & FREQUENCY: 117 V-60 cycles: AC only

WATTS POWER CONSUMPTION: 45 watts

SENSITIVITY: 20 microvolts minimum for 500 milliwatts output

APPROVED BY: Underwriters

LICENSED UNDER: RCA & Hazeltine Patents

CHASSIS DIMENSIONS: width 10 3/4" height 6" depth 6 1/2"

CABINET DIMENSIONS: width 11 1/2" height 8" depth 6 1/4"

AUTOMATIC TUNING: 6 Push Button. Trimmer Tuned.