



All voltage readings taken to cathode terminal of 6A8 tube.
*Circuit diagram of Radio Chassis RE29 is same as above-except that R106 is connected between points X & Y and phono switch and pickup is not included.

RESISTORS				COILS AND TRANSFORMERS				SPEAKERS, DIAL PARTS, CABINETS & MISCELLANEOUS			
Ref. No.	Part No.	Description	Price	Ref. No.	Part No.	Description	Price	Part No.	Description	Price	
R59	17-4191	15,000 ohms watt	.20	T2	00-19979	Oscillator Coil	.75	17-15701E	Line cord and plug	.40	
R27	17-4788	2,000,000 ohms watt	.20	T-5	00-19980	Output Transformer	1.50	29-19905	Cabinet (58A- Ivory)	6.50	
R106	17-14171	50,000 ohms watt	.20	T3	00-16050	1st I.F. Transformer	1.50	32-19907	Cabinet bottom cover	.35	
R109	17-14174	500,000 ohms watt	.20	T4	00-16051	2nd I.F. Transformer	1.50	29-19909	Cabinet (58-Black)	3.50	
R-113	17-14178	250,000 ohms watt	.20	T1	00-16083	Antenna Coil	.75	32-19915	Tuning shaft bracket	.10	
R149	17-14241	150 ohms watt	.20					29-19916	Cabinet back cover	.25	
R150	17-14242	5,000,000 ohms watt	.20					17-19926A	Volume control switch	1.00	
R154	17-14244	1,500,000 ohms watt	.20					29-19929	Knob (wood-walnut finish)	.20	
CONDENSERS								29-19937	Knob (walnut bakelite)	.15	
Ref. No.	Part No.	Description	Price					23-19958	Tuning shaft	.10	
C7	17-2054	.0001 mfd. 600 volt	.25					17-19973	Dial light socket and clip	.20	
C104	17-4206	.01 mfd. 200 volt	.30					81-15974	Dial glass (black background)	.70	
C48	17-4207	.00025 mfd. 600 volt	.25					17-15983	Speaker (5" diameter)	4.00	
C9	17-4292	.001 mfd. 600 volt	.25					27-15989	Speaker (6" diameter)	4.50	
C5	17-14015	.05 mfd. 200 volt	.30					81-16015	Dial glass (brown background)	.70	
C112	17-14139	.05 mfd. 400 volt	.40					27-16020	Cabinet (Model 88)	11.75	
C172 & 3	17-14239	20-20 mfd. 150 volt	2.25					17-16021	Phono pickup and arm	6.25	
C174	17-14248	.2 mfd. 400 volt	.50					17-16022	Phono turntable and motor	8.50	
C1-42	17-19900	Tuning Condenser	3.00					29-16024	Knob (Ivory bakelite)	.15	
								17-16055	Radio-Phono switch	.40	
								29-16068	Knob (Radio-Phono switch)	.15	
								41-16071	Base (Model 88)	1.00	

BALANCING INSTRUCTIONS

CAUTION: The signal generator dummy antenna should be grounded to the radio chassis through a .10 mfd. condenser. Do not make a direct connection as the chassis of the radio is connected directly to one side of the 110 volt light lines and may seriously damage the balancing oscillator attenuator if connected without a blocking condenser

Operation No.	Connect Balancing Oscillator to:	Balancing Oscillator Frequency	Adjust Padder Number	Dial Setting
1.	*6A8 Grid Cap	455 KC	1,2,3,& 4	600 Kc
2.	Antenna Wire	1725 KC	5	1725 KC
3.	Antenna Wire	1400 KC	6	1400 KC

* I.F. sensitivity should be 150 microvolts minimum for 50 milliwatts output.

DIAL LIGHT - Mazda 51	CABINET DIMENSIONS
FREQUENCY RANGE - 1725 to 545 KC	Model 58-58A width 11 1/2" height 8" depth 6 1/4"
POWER OUTPUT - 2.0 Watts	Model 88 width 14 1/4" height 10 3/4" depth 11 1/8"
TUBES	

- 6A8 - 1st Detector, oscillator
- 6K7 - I.F. Amplifier
- 6Q7G - 2nd Detector, 1st audio
- 25L6G - Power output audio
- 25Z6G - Rectifier
- M-49B - Balast resistor

SPEAKER - 5" Electrodynamic; 3 ohm voice coil
VOLTAGE and FREQUENCY - AC - 119 volts, 40-60 cycles
DC - 110 volts
SENSITIVITY - 80 Microvolts minimum for 500 milliwatts output
WATTS POWER CONSUMPTION - 40 watts
APPROVED By UNDERWRITERS