

Montgomery Ward & Co.

Model: 14BR-911A

Chassis:

Year: Pre March 1942

Power:

Circuit:

IF:

Tubes:

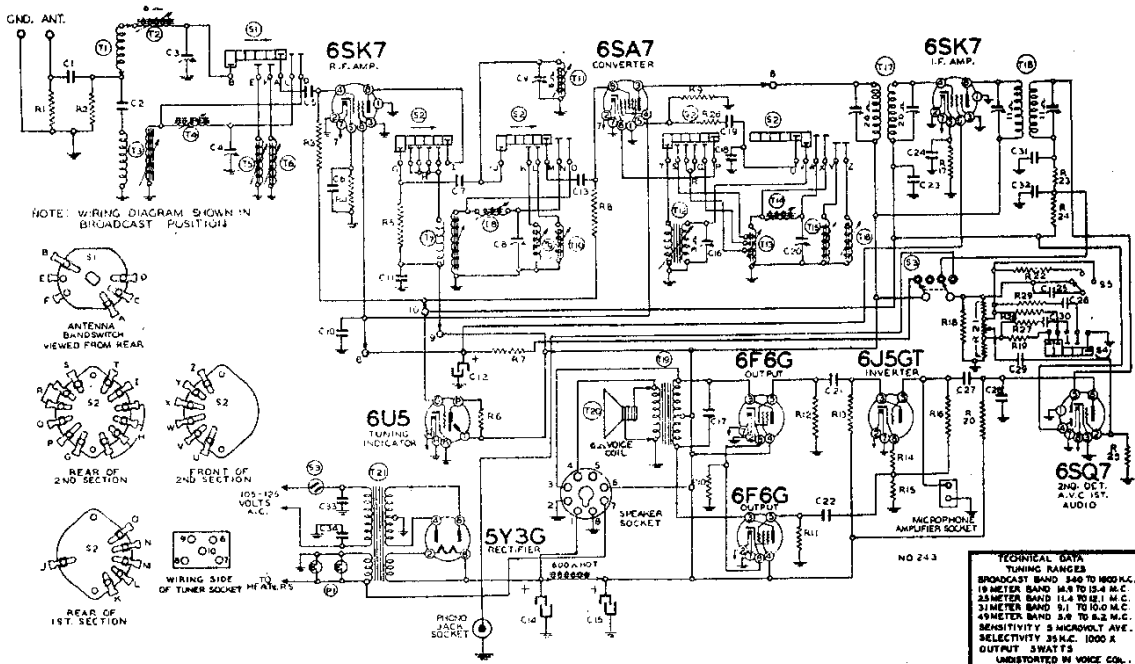
Bands:

Resources

Riders Volume 13 - MONT WARD 13-33

Riders Volume 13 - MONT WARD 13-34

MONTGOMERY-WARD & CO.



TECHNICAL DATA

TUNING RANGES

BROADCAST BAND 540 TO 1620 K.C.

5 METER BAND 8.5 TO 15.4 M.C.

25 METER BAND 11.4 TO 21.1 M.C.

30 METER BAND 10 TO 10.5 M.C.

40 METER BAND 7.5 TO 8.2 M.C.

SENSITIVITY 5 MICROVOLT AVE.

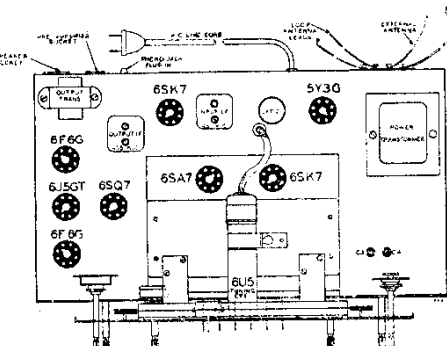
SELECTIVITY 25 K.C. 1000 A

OUTPUT SWATTS

UNDISTORTED IN VOICE COL.

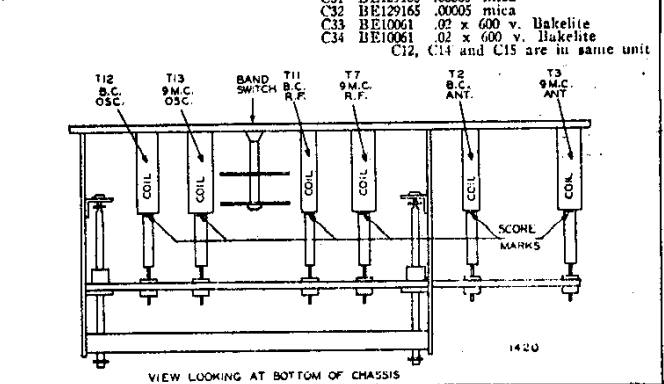
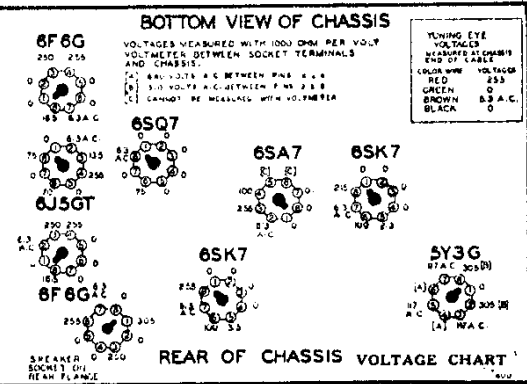
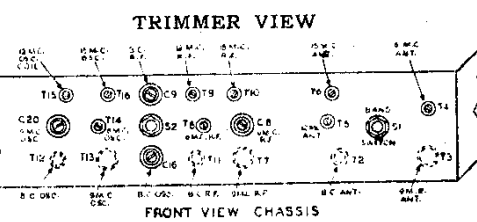
POWER CONSUMPTION 100 WATTS

I.F. 455 K.C.



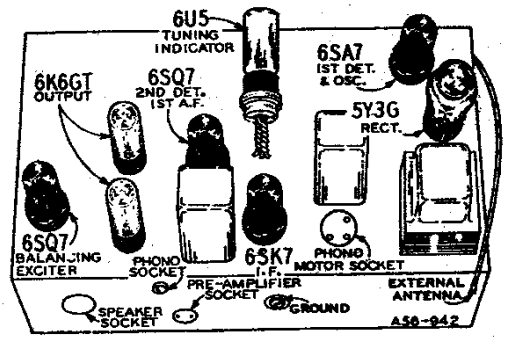
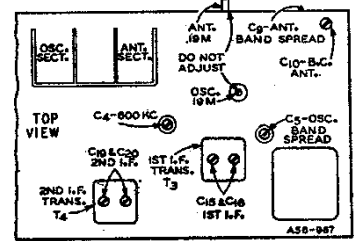
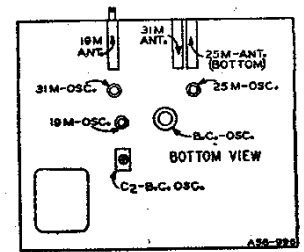
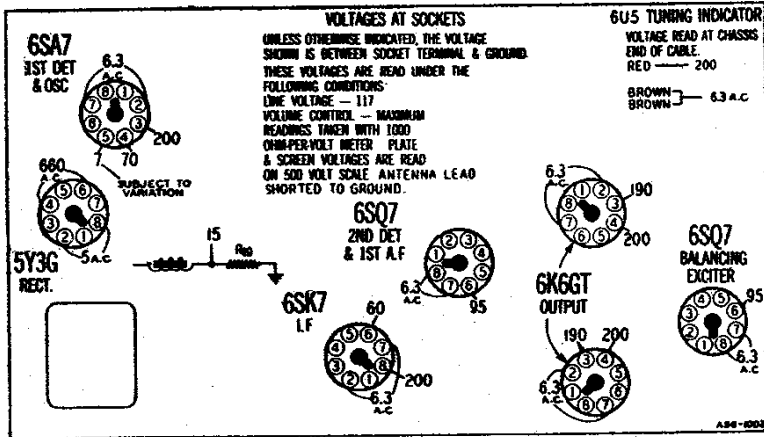
- R1 BE1301 25M ohm-1/2 w.
- R2 BE1301 25M ohm-1/2 w.
- R3 BE13019 1 Megohm-1/2 w.
- R4 BE13020 250 ohm-1/2 w.
- R5 BE130218 5M ohm-1/2 w.
- R6 1 megohm in tuning indicator cable
- R7 BE10662 12,500 ohm-3 w.
- R8 BE13019 1 megohm-1/2 w.
- R9 BE130232 25M ohm-1/2 w.
- R10 BE130220 300 ohm-1 w.
- R11 BE1303 500M ohm-1/2 w.
- R12 BE1303 500M ohm-1/2 w.
- R13 BE130103 100M ohm-1/2 w.
- R14 BE130218 5M ohm-1/2 w.
- R15 BE130103 100M ohm-1/2 w.
- R16 BE13019 1 megohm-1/2 w.
- R17 BE13070 500 ohm-1/2 w.
- R18 BE1303 500M ohm-1/2 w.
- R19 BE1303 500M ohm-1/2 w.
- R20 BE13011 250M ohm-1/2 w.
- R21 BE101267 2.8 megohm-Volume control
- R22 BE130191 1.5 megohm-1/2 w.
- R23 BE13012 50M ohm-1/2 w.
- R24 BE1304 3 megohm-1/2 w.
- R25 BE130257 5 megohm-1/2 w.
- R26 BE130174 50 ohm-1/2 w.
- R27 BE1307 40M ohm-1/2 w.
- R28 BE130352 150M ohm-1/2 w.
- R29 BE130351 80M ohm-1/2 w.
- C1 BE1292 .0005 mica
- C2 BE10047 .002 x 600 v.
- C3 BE124143 B.C. antenna trimmer
- C4 BE124143 9 mc. antenna trimmer
- C5 BE1292 .0005 mica
- C6 BE10020 1 x 200 v. tubular condenser
- C7 BE129168 .00001 mica
- C8 BE124138 9 mc. R.F. trimmer
- C9 BE124139 B.C. R.F. trimmer
- C10 BE10074 .1 x 400 v.
- C11 BE10074 .1 x 400 v.
- C12 BE119109 10.0 mid. x 350 w. v. lytic
- C13 BE1292 .0005 mica
- C14 BE119109 15.0 mid. x 450 w. v. lytic
- C15 BE119109 15.0 mid. x 450 w. v. lytic
- C16 BE124144 B.C. oscillator trimmer
- C17 BE10071 .004 x 600 v.
- C18 BE129167 .0002 silver mica
- C19 BE129165 .00005 mica
- C20 BE124145 9 mc. oscillator trimmer
- C21 BE10013 .05 x 400 v.
- C22 BE1009 .05 x 200 v.
- C23 BE10026 .02 x 400 v.
- C24 BE10020 .1 x 200 v.
- C25 BE12951 .000125 mica
- C26 BE1003 .03 x 300 v.
- C27 BE10026 .02 x 400 v.
- C28 BE12921 .0002 mica
- C29 BE10019 .006 x 600 v.
- C30 BE100139 .0015 x 200 v.
- C31 BE129165 .00005 mica
- C32 BE129165 .00005 mica
- C33 BE10061 .02 x 600 v.
- C34 BE10061 .02 x 600 v.

JUNE 1941



MODEL 14BR-911A
 MODELS 14WG-808M, 14WG-808W

MONTGOMERY-WARD & CO.



ALIGNMENT FOR MODELS 14WG-808M, 14WG-808W IS THE SAME AS THAT FOR MODEL 14WG-807

FOR SEEBURG C RECORD CHANGER SEE RIDER'S "AUTOMATIC RECORD CHANGERS AND RECORDERS".

SPECIFICATIONS

Power		Tuning Frequency Range	Sensitivity External Antenna (For 0.5 Watt Output)
Consumption - 57 Watts (at 117 volts 60 cycles)		B Range... 535 to 1610 KC... 15 Microvolts Aver.	
77 Watts (Photograph Operating)		19 Meter... 14.6 to 15.8 MC... 25 Microvolts Aver.	
3.0 Watts Undistorted		25 Meter... 11.1 to 12.0 MC... 25 Microvolts Aver.	
Power Output - 4.5 Watts Maximum		31 Meter... 9.3 to 10.05 MC... 22 Microvolts Aver.	
Selectivity - 38 KC Broad at 1000 times Signal			
Intermediate Frequency - 454 KC			
Speaker - 10" Electro-Dynamic			

- Tone control—Treble
- Volume control—Maximum all adjustments.
- Use an all wave signal generator which will provide an accurately calibrated signal at the test frequencies as listed.

MODEL 14BR-911A

ALIGNMENT PROCEDURE

BAND	SIGNAL GENERATOR Frequency Setting	Dummy Antenna	Connection to Radio	Position of Band Switch	Dial Pointer Setting	Trimmers Adjusted To Maximum
I. F.	455 Kc.	.1 MFD.	Grid of 6SK7 (I.F.)	Broadcast	Set Dial at 1600 Kc.	On Top of Output I.F.
	455 Kc.	.1 MFD.	Grid of 6SA7	Broadcast	Set Dial at 1600 Kc.	On Top of Input I.F.
31 METER BAND	9.6 Mc.	400 ohms	Antenna lead	31M	Set Dial at 9.6 Mc.	(See Trimmer View) C20—Osc. (See Trimmer View) C8—R.F. (See Chassis View) C4—Ant.
49 METER BAND	6.1 Mc.	400 ohms	Antenna lead	49M	Set Dial at 6.1 Mc.	(See Trimmer View) T14—Osc. (See Trimmer View) T8—R.F. (See Trimmer View) T4—Ant.
25 METER BAND	11.8 Mc.	400 ohms	Antenna lead	25M	Set Dial at 11.8 Mc.	(See Trimmer View) T15—Osc. (See Trimmer View) T9—R.F. (See Trimmer View) T5—Ant.
19 METER BAND	15.2 Mc.	400 ohms	Antenna lead	19M	Set Dial at 15.2 Mc.	(See Trimmer View) T16—Osc. (See Trimmer View) T10—R.F. (See Trimmer View) T6—Ant.
BROAD-CAST BAND	1600 Kc.	200 mmf.	Antenna lead	Broadcast	Set Dial at 1600 Kc.	(See Trimmer View) C16—Osc. (See Trimmer View) C9—R.F. (See Chassis View) C3—Ant.
	1400 Kc.	200 mmf.	Antenna lead	Broadcast	Set Dial at 1400 Kc.	Rotate Core T11—R.F. Rotate Core T2—Ant. (See Iron Core Adjustment View)