

## R.C.A. Victor Co., Inc.

**Model:** 10T

**Chassis:**

**Year:** Pre October 1936

**Power:**

**Circuit:**

**IF:**

**Tubes:**

**Bands:**

### Resources

[Riders Volume 7 - RCA 7-130](#)

[Riders Volume 7 - RCA 7-131](#)

[Riders Volume 7 - RCA 7-132](#)

[Riders Volume 7 - RCA 7-133](#)

[Riders Volume 7 - RCA 7-134](#)

[Riders Volume 7 - RCA 7-135](#)

[Riders Volume 7 - RCA 7-136](#)

MODELS 10T, 10K  
Schematic

RCA MFG. CO., INC.

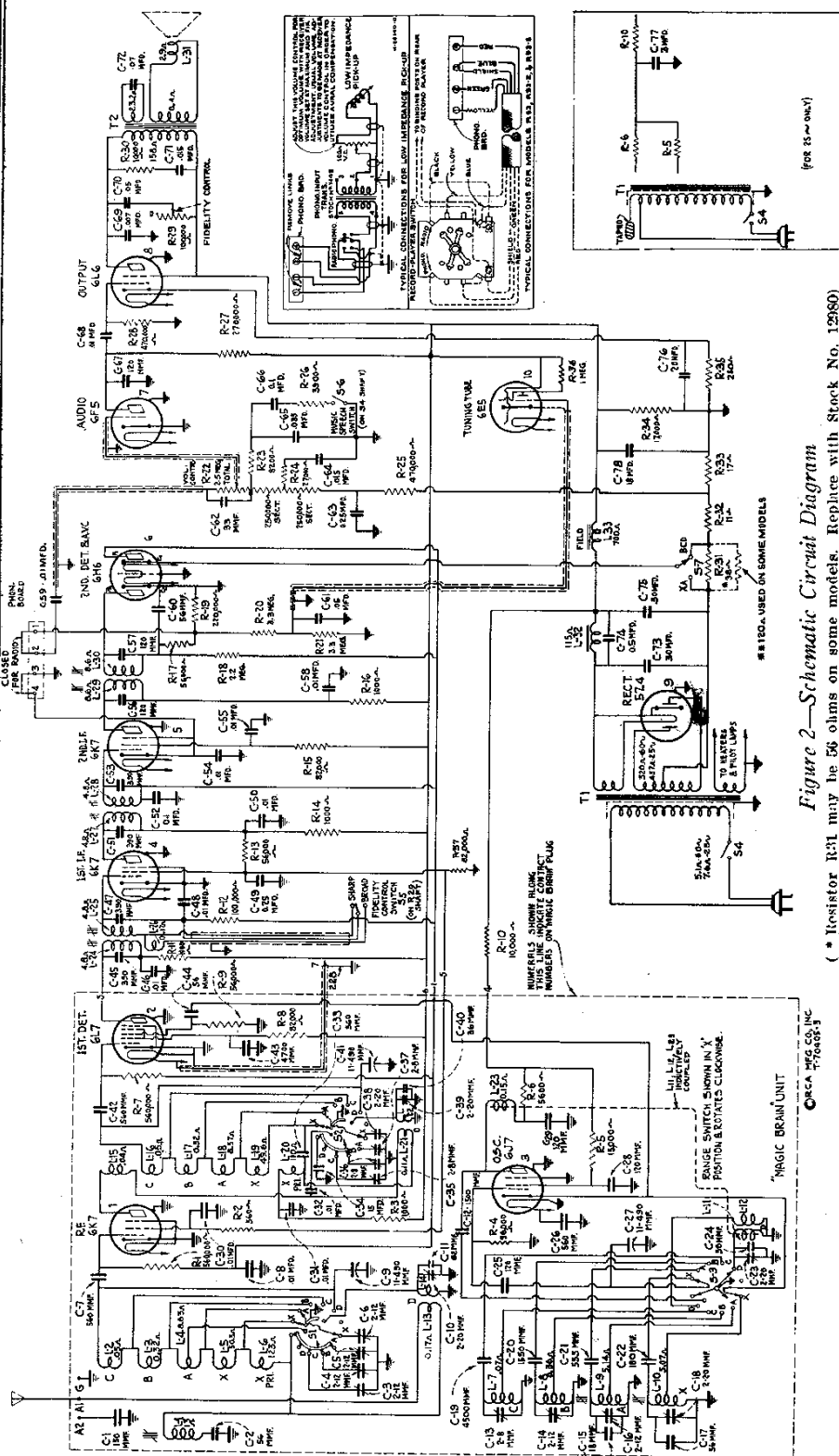


Figure 2—Schematic Circuit Diagram

(\* Resistor R31 may be 56 ohms on some models. Replace with Stock No. 12980)  
(\*\* 120-ohm resistor not required when replacing resistor R31 with Stock No. 12980)

FREQUENCY RANGES

"Long Wave" (X) ..... 150-410 kc  
"Standard Broadcast" (A) ..... 530-1,800 kc  
"Medium Wave" (B) ..... 1,800-6,400 kc  
"Short Wave" (C) ..... 6,400-23,000 kc  
"Ultra Short Wave" (D) ..... 23,000-60,000 kc  
Intermediate Frequency..... 460 kc

ALIGNMENT FREQUENCIES

"Long Wave" (X) ..... 175 kc (osc.), 350 kc (osc., det., ant.)  
"Standard Broadcast" (A) ..... 600 kc (osc.), 1,500 kc (osc., det., ant.)  
"Medium Wave" (B) ..... 6,000 kc (osc., det., ant.)  
"Short Wave" (C) ..... 20,000 kc (osc., det., ant.)  
"Ultra Short Wave" (D) ..... 57,000 kc (osc., det., ant.)

RCA MFG. CO., INC.

MODELS 10T, 10K  
Chassis Wiring

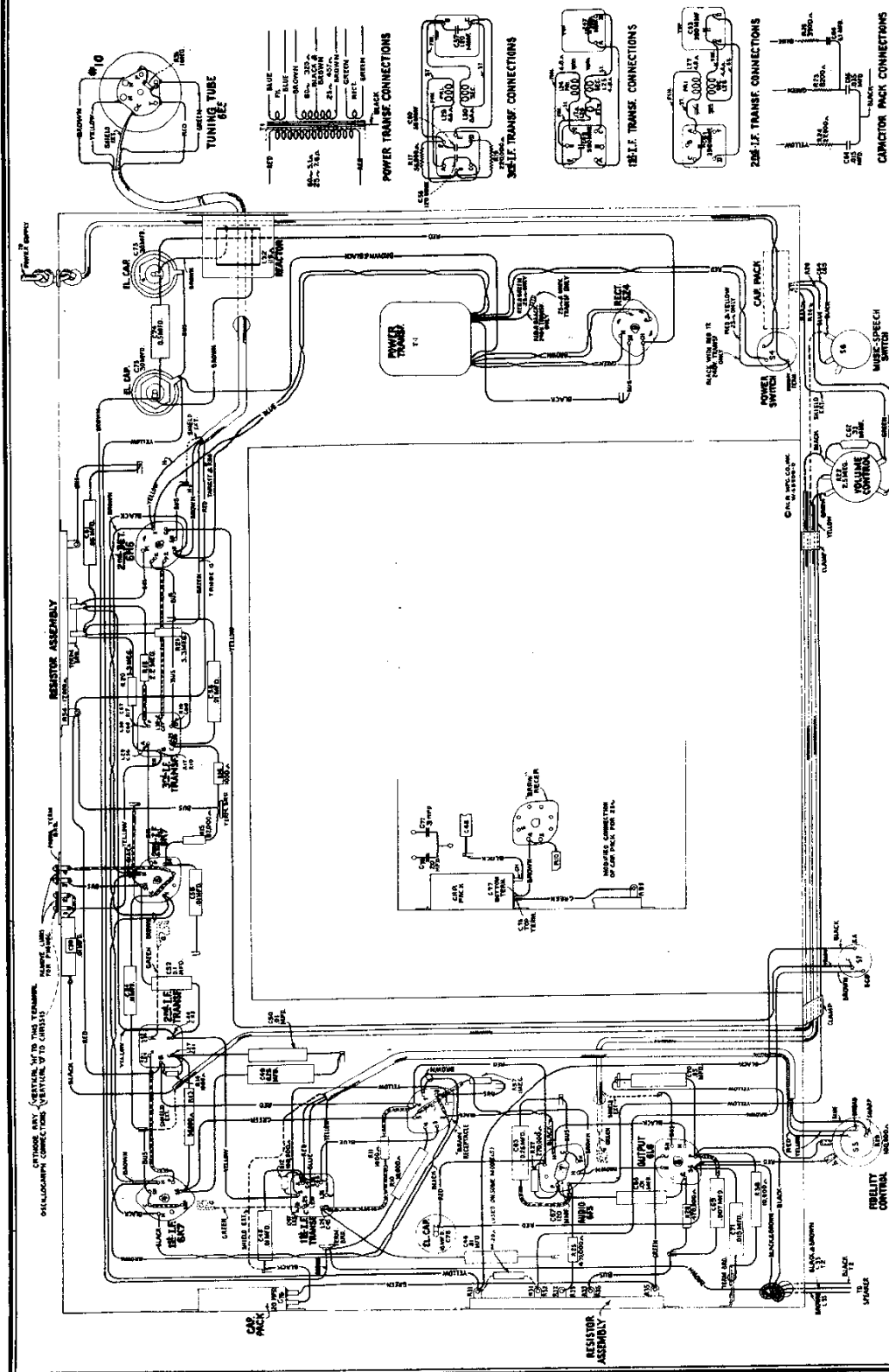
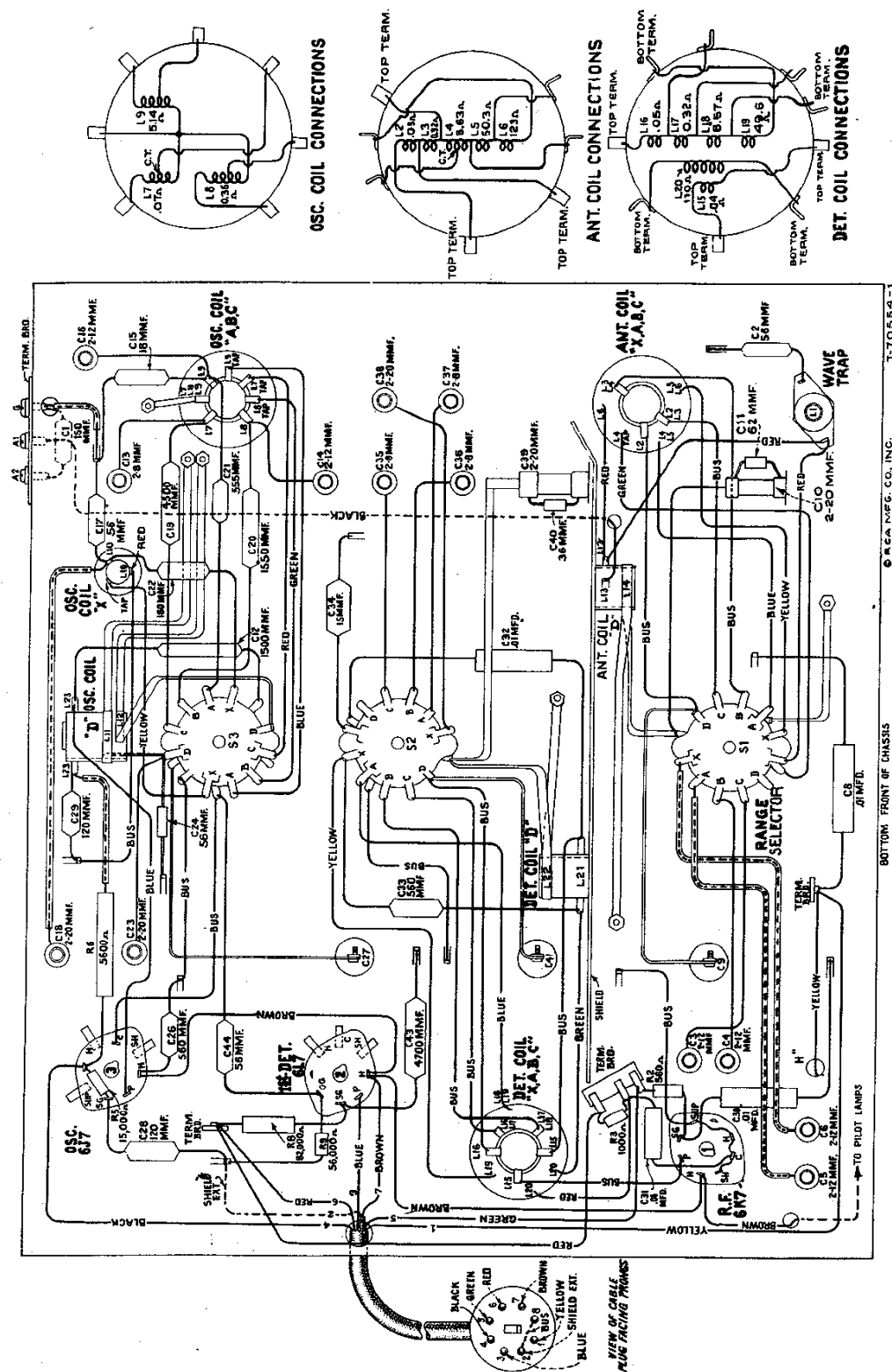


Figure 3—Chassis Wiring Diagram (Less "Magic Brain")

Pilot Lamps (4) .....	Mazda No. 46, 6.3 volts, 0.25 ampere
Power Supply Ratings	
Rating A .....	105-125 volts, 50-60 cycles, 120 watts
Rating B .....	105-125 volts, 25-60 cycles, 120 watts
Rating C .....	100-130/140-160/195-250 volts, 40-60 cycles, 120 watts

MODELS 10T, 10K  
"Magic Brain"  
Chassis Wiring

RCA MFG. CO., INC.



T-70554-1

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BOTTOM FRONT OF CHASSIS

Figure 4—"Magic Brain" Wiring Diagram

POWER OUTPUT  
Undistorted..... 5 watts  
Maximum..... 9 watts

LOUDSPEAKER  
Type..... Electrodynamic  
Impedance (v.c.)..... 3.4 ohms at 400 cycles

For Fig. 5- Alignment Apparatus Connections  
see Fig. 5 Model 9T & 9K2

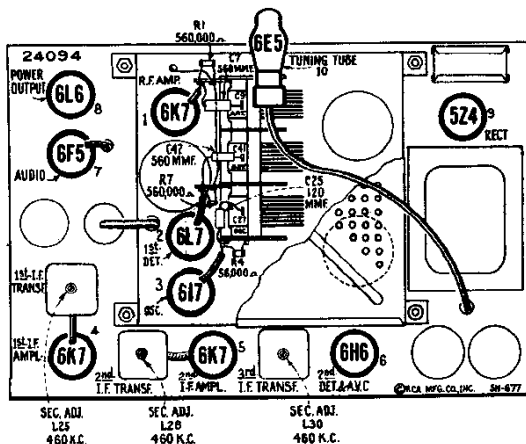


Figure 1—Radiotron and I-F Trimmer Locations

## Selector Dial

Figure 11 illustrates the relation of the various parts of the dial mechanism when in its "Standard broadcast" position with the range switch likewise turned to its "Standard broadcast" position. In re-assembling the dial after repairs, see that the gears are meshed in accordance with the diagram, at the same time noting that the range switch is in its "Standard broadcast" position and the lever attached to the range-switch shaft placed in the position shown.

To adjust the dial mechanism, set the range switch to its "Standard broadcast" position. Place a straight-edge across the center of the dial so that its edge is even with the lower (end) marking at both the low-frequency and high-frequency ends of the dial. Under such conditions the straight-edge should be parallel with the top of the chassis base. If the straight-edge is not parallel with the top of the chassis base, loosen the nut on the rear of the roller link pivot stud and move the stud up or down until the link roller moves the dial to the desired position so that the end calibration marks obtain the position mentioned above. Tighten the nut on the roller link pivot stud.

Set the gang tuning condenser to its maximum capacity position. Adjust the dial pointer to the low-frequency (end) mark on "Standard broadcast" scale. This is a friction adjustment.

With the gang tuning condenser plates still in full mesh, loosen the two set screws on the vernier-dial hub. Rotate the vernier dial until the "0" marking is in a vertical plane above the center of the shaft. Tighten set screws.

## Antenna and Ground Terminals

These receivers are equipped with an antenna-ground terminal board having three terminals. These terminals are marked "A2," "A1," and "G," the latter being the ground terminal and should always be con-

nected to a good external ground. The transmission-line leads of the RCA RK-40A antenna system should be connected to terminals "A2" and "A1." The receiver coupling units of the RCA RK-40 and the RCA Spider-Web antenna systems should be connected to terminals "A1" and "G." Connect a single-wire antenna to terminal "A1."

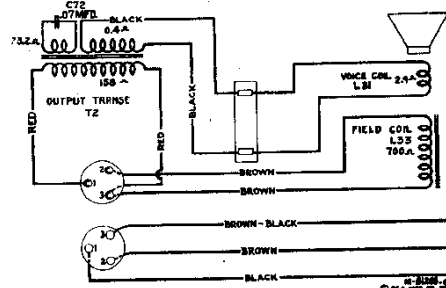
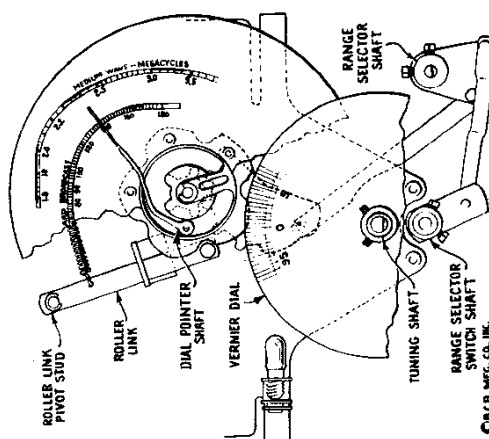
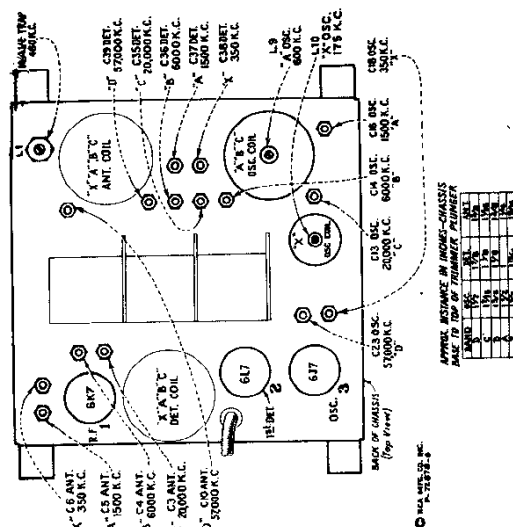


Figure 10—Loudspeaker Wiring



**Figure 11—Selector Dial Change Mechanism** **Figure 6--“Magic Brain” Trimmer Locations**



Courtesy Nostalgia Air

MODELS 10T,10K  
Alignment,Part  
Parts List

point which causes minimum amplitude of output (maximum suppression of signal) as shown by the waves on the oscillograph. An increase of the test-oscillator output may be necessary before this point of minimum amplitude, obtained by correct adjustment of wave-trap screw, be-

"Ultra Short Wave" Band

(h) Connect the "Ant." output of the test oscillator to the antenna terminal "A1" of the receiver through a 300-ohm resistor. Set the receiver range selector to its "Ultra short wave" position and its dial pointer to 37.0 Mc. Advance the test oscillator frequency to 37.0 Mc. The harmonic of the oscillator is used for this adjustment. If the indication on the oscilloscope screen is not sufficient for the following adjustments at 37.000 Mc, the variable output terminal of the test oscillator may be connected through "H1" to the plate socket of the RCA-6L6 power-output tube socket with the "0" terminal to chassis-ground. The receiver should be turned off while making this connection, since the test oscillator is connected across the oscilloscope input and a severe shock will result if contact is made between these two points. If this connection is made, advance the receiver volume control to its maximum position.

tion. To adjust oscillator aritrimer C23 for maximum (peak) output. Two positions, each producing maximum output, may be found. The position of minimum capacitance (plunger near) is the usual position. The other position is the heterodyne oscillator 400 kc higher in frequency than the incoming signal. Tighten lock nut. Adjust the detector aritrimer C19, while slightly increasing the gain, until the two peaks are farthest through the signal, for maximum (peak) output. Two peaks may be found on this trimmer. The peak of maximum capacitance (plunger near) must be used. The other peak is the antenna aritrimer C10 for maximum (peak) output while slightly raising the gain tuning condenser back and forth through the signal. Two peaks may be found on this trimmer. The peak of maximum capacitance (plunger near) must be used. Tighten lock nut. Check the image frequency (using the receiver dial setting to 6,050 kc. If the image frequency is 6,050 kc, the adjustment of the oscillator aritrimer C23 has been correctly made. No adjustments should be made while checking for the image frequency.

**Image signal.** The receiver for maximum response to 37,600 kc (no image responses) without disturbing test oscillator adjustments. Change test oscillator to 37,600 kc. Retune test oscillator until signal level is maximum. Inductance of resonant circuit is approximately 14,250 kc, fourth harmonic of test oscillator used. Two test-oscillator settings are possible, will be indicated by the receiver. The lower frequency test-oscillator setting should be used, as this places the test oscillator harmonic in the receiver's passband. Receiver heterodyne oscillator. Tune receiver to a dial setting of approximately 27,500 kc. Receiver test oscillator adjustment. Test oscillator setting of 27,500 kc is used for the following. Receiver reading of 27,500 kc dial. A receiver-dial reading of less than 28,500 kc indicates that the inductance of the oscillator is too high. If the receiver-dial reading is increased. If the receiver dial reading is greater than 28,500 kc, the inductance of L11 is too high and should be decreased. If it is necessary to change the inductance of L11, the bottom cover of "Magic Brain" and then set receiver dial pointer to 28,500 kc. To decrease inductance of L11, increase the distance between L11 and L12 (see figure 4) nearer chassis. Do not allow straps to touch chassis except where shown. Increase inductance of L12 by moving strap farther away from chassis. Adjust position of straps until maximum (peak) output results. The alignment of the detector tuning circuit is now complete. The receiver is now changing either the receiver or test oscillator adjustment. An increase of output when the brass contact is moved away from the chassis indicates that L22 is too high in inductance, when an increase when the iron end is brought near the chassis indicates that L22 is too low in inductance. The inductance of L22 may be varied by changing the spacing between the grounded end of the coil and the chassis. The distance of contact on S2 (figure 4). An increase of spacing will increase the inductance, while a decrease of spacing will decrease the inductance. Adjust the contact on S2 until the maximum output is obtained. Replace "Magic Brain" bottom cover and make adjustments in (b) prior to those in (a). Show

### "Short Wave" Band

(d) Set the receiver range selector to its "Short wave" position and dial pointer to 20,000 kc. Adjust the test oscillator to 20,000 kc. If the vertical input cathode-ray connections were changed for adjustment (b) above, they should be restored to their original position as shown on figure 3. Adjust oscillator air-trimmer C13 until maximum (peak) output is reached. Two peaks may be found with this circuit. The peak with minimum capacitance (plunger near out) should be used. Tighten lock nut. Adjust detector air-trimmer C15 until maximum (peak) output is reached, while slightly rocking the gang tuning condenser back and forth through the

Writing, Consciousness, and the World through the

circuit. The peak with maximum capacitance (plunger near in) should be used. Tighten lock nut. Adjust antenna air-trimmer C3 until maximum (peak) output is reached while slightly rocking the gang tuning condenser back and forth through the signal. Two peaks may be found with this circuit. The peak with maximum capacitance (plunger near in) should be used. Tighten lock nut. Check the image frequency by changing the receiver dial setting to 19,000 kc. The image signal should be received at this position indicating that the adjustment of C13 has been correctly made. No adjustments should be made while checking for the image signal.

### "Medium Wave" Bead

(c) Place receiver range selector to its "Medium wave" position with its dial pointer set to 6,000 kc. Tune the test oscillator to 6,000 kc. Adjust oscillator air-trimmer C14 to produce minimum (peak) output as shown by the waves on the oscillograph. Two peaks may be found with this circuit. The peak with minimum capacitance (plunger near out) should be used. Tighten lock nut. Adjust the detector air-trimmer C36 for maximum (peak) output while slightly roughing the gang tuning condenser back and forth through the signal. Two peaks may be found with this circuit. The peak with maximum capacitance (plunger near in) should be used. Tighten lock nut. Adjust antenna air-trimmer C6 to produce maximum (peak) output. Tighten lock nut.

**"Standard Broadcast" Band**

(a) Remove the 300-ohm resistor from between the test-oscillator's "Ant." post and receiver antenna. Turn the test-oscillator's frequency selector to its "standard broadcast" position with receiver dial positioned at 600 kHz. Turn the test-oscillator's 100-kc. Adjust oscillator magnetic core screw (top of large oscillator coil can) for maximum signal on receiver as indicated by the receiver's oscillograph screen.

(b) Turn the test-oscillator's frequency selector to 1,500 kc. Tune the oscillator to 1,500 kc (1,500–3,100 kc range) and increase its output to produce a registration on receiver's oscillograph screen. Then adjust the oscillator's detector, and antenna amplifier controls, C16, C17, and C3, respectively, to produce maximum signal on receiver as indicated by the oscillograph screen. Shift the oscillator's "Tuning" switch to "Ext." Place the frequency selector switch at 1,500 kc. Turn the frequency control and insert plug of the frequency-modulation cable in test-oscillator jack. Turn test-oscillator's modulator switch to "FM" position. Turn the oscillator (increase frequency) until the forward and reverse waves show on the oscillograph screen. Then adjust the receiver's frequency controls (tune) until the waves are in phase at the points. This will occur at a test-oscillator setting of approximately 1,680 kc. Adjust trimmers C16 and C17 of receiver again until the waves are in phase, which produces the best coincidence and maxi-

turn amplitude of the images.

12. Turn the frequency-modulator cable from the test oscillator jack. Turn test oscillator modulation switch to "On." Set test oscillator "Timing" switch to "Int." Turn test oscillator 200 kc (200—2000 kc) switch to "200 kc" for maximum response to this signal at a reading of approximately 600 ac. The amplitude of the horizontal lines will be at this adjustment. Shift oscillograph "Timing" switch to "Ext." Insert the plug of the frequency-modulator cable into the test oscillator jack. Turn the test oscillator switch to "Off." Return the test oscillator (increased frequency) until the horizontal lines show above on the oscillograph screen. This will be at a frequency setting of approximately 230 kc. Disregarding the fact that the two images may or may not come into focus, turn the test oscillator switch to "Screw L9 (top of large oscillator coil) to produce maximum (peak) amplitude of the images. Turn the oscillograph "Timing" switch to "Int."

13. Turn the frequency-modulator cable from the test oscillator jack. Turn the test oscillator modulation switch to "On." Repeat the above steps 12 and 13 until the desired changes caused by the adjustment of L9 core, tightening lock nuts on C16, C27, and C25, re-

"Long Wave" Band

(i) Shift the oscillograph "Gliding" switch to "Int." Remove the plug of the frequency-modulator cable from the test-oscillator jack. Turn the test-oscillator modulation switch to "On." Place receiver range selector to its "Long wave" position. Set the receiver dial pointer to 175 kc. Tune the test oscillator to 175 kc and increase its output until a deflection is noticeable on the oscillograph screen. Adjust oscillator magnetite core screw L10 (located on top of small oscillator coil can).

(i) Set receiver dial pointer to 350 kc. Tune test oscillator to 350 kc. Adjust the oscillator, decreasing frequency until the test oscillator signal is just below the maximum (peak) amplitude of output signal. Then, to produce maximum (peak) output as shown by the waves on the oscilloscope screen. With oscillating the connections, shift the oscillator frequency switch to the "On" position. The frequency-modulator sweep-range switch to its "Hi" position and insert plug of frequency-modulator switch in test oscillator. Turn the test oscillator modulation switch to "Off." Reduce the test oscillator (decrease frequency) until the test oscillator signal is at the maximum (peak) amplitude on the oscilloscope screen and become coincident at their highest points. This will occur at a test-oscillator frequency of approximately 340 kc. The 350 kc. frequency is the test-oscillator frequency. The 350 kc. test-oscillator frequency is 175 Mc/sec. The second harmonic is now used for the 350 kc. adjustment. Adjust air-setters C18, C36, and C40 until the test oscillator signal and the test oscillator images are best coincident throughout their

(k) Re-tune the receiver to approximately 175 kc so that the forward and reverse waves appear on the oscilloscope screen. Adjust the oscillator magnetite core screw L10 to produce maximum (peak) amplitude of the waves, disregarding the fact that the two images may or may not come together.

(1) Shift the receiver dial setting to 350 kc without

altering any other adjustments (frequency modulator still in operation). Adjust air-trimmers C18, C19, and C6, respectively, to produce maximum amplitude and best coincidence of the waves. These adjustments compensate for any changes caused by the adjustment of the magnetite core screw L10. Tighten lock nuts on C18, C19, and C6, respectively, after each is adjusted.

### Loudspeaker

Centering of the loudspeaker voice coil is made in the usual manner with three narrow paper feelers after first removing the front paper dust cover. This may be removed by softening its cement with a very

Stock No.	Description	Lot Price
RECEIVER ASSEMBLIES		
12863	Board—Photograph input terminal board	\$0.10
4477	Bracket—Tuning control mounting bracket	0.10
12865	Capacitor—100 Mfd. (C56, C57, C58)	0.10
12865	Cable—Turning lamp cable and socket	0.10
12991	Capacitor—Condenser stabilized safety control cable	0.10
12511	Capacitor—0.1 Mfd. (C59)	0.10
12548	Capacitor—13 Mfd. (C62)	0.10
12629	Capacitor—0.1 Mfd. (C63)	0.10
12629	Capacitor—0.1 Mfd. (C64)	0.10
12629	Capacitor—120 Mfd. (C56, C57)	0.10
12629	Capacitor—120 Mfd. (C58, C59)	0.10
12721	Capacitor—0.1 Mfd. (C60)	0.10
12721	Capacitor—390 Mfd. (C45, C47, C49, C50)	0.10
5148	Capacitor—0.07 Mfd. (C69)	0.10
4838	Capacitor—0.01 Mfd. (C76, C84, C85, C86, C87)	0.10
4838	Capacitor—0.01 Mfd. (C79)	0.10
4838	Capacitor—0.01 Mfd. (C80)	0.10
4838	Capacitor—0.01 Mfd. (C81)	0.10
4841	Capacitor—0.1 Mfd. (C53)	0.10
5170	Capacitor—0.2 Mfd. (C74)	0.10
5170	Capacitor—0.2 Mfd. (C75)	0.10
17421	Capacitor—0.3 Mfd. (C49)	0.10
17421	Capacitor—0.3 Mfd. (C74)	0.10
1812	Capacitor—0.1 Mfd. (C70)	0.10
13873	Capacitor—20 Mfd. (C71) in 200-ohm model only (C75)	0.10
12667	Capacitor—20 Mfd. (C72) in 200-ohm model only (C76, C77)	0.10
12667	Capacitor—20 Mfd. (C73)	0.10
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12978	Capacitor—20 Mfd. (C206)	0.10
12978	Capacitor—20 Mfd. (C207)	0.10
12978	Capacitor—20 Mfd. (C208)	0.10
12978	Capacitor—20 Mfd. (C209)	0.10
12978	Capacitor—20 Mfd. (C210)	0.10
12978	Capacitor—20 Mfd. (C211)	0.10
12978	Capacitor—20 Mfd. (C212)	0.10
12978	Capacitor—20 Mfd. (C213)	0.10
12978	Capacitor—20 Mfd. (C214)	0.10
12978	Capacitor—20 Mfd. (C215)	0.10
12978	Capacitor—20 Mfd. (C216)	0.10
12978	Capacitor—20 Mfd. (C217)	0.10
12978	Capacitor—20 Mfd. (C218)	0.10
12978	Capacitor—20 Mfd. (C219)	0.10
12978	Capacitor—20 Mfd. (C220)	0.10
12978	Capacitor—20 Mfd. (C221)	0.10
12978	Capacitor—20 Mfd. (C222)	0.10
12978	Capacitor—20 Mfd. (C223)	0.10
12978	Capacitor—20 Mfd. (C224)	0.10
12978	Capacitor—20 Mfd. (C225)	0.10
12978	Capacitor—20 Mfd. (C226)	0.10
12978	Capacitor—20 Mfd. (C227)	0.10
12978	Capacitor—20 Mfd. (C228)	0.10
12978	Capacitor—20 Mfd. (C229)	0.10
12978	Capacitor—20 Mfd. (C230)	0.10
12978	Capacitor—20 Mfd. (C231)	0.10
12978	Capacitor—20 Mfd. (C232)	0.10
12978	Capacitor—20 Mfd. (C233)	0.10
12978	Capacitor—20 Mfd. (C234)	0.10
12978	Capacitor—20 Mfd. (C235)	0.10
12978	Capacitor—20 Mfd. (C236)	0.10
12978	Capacitor—20 Mfd. (C237)	0.10
12978	Capacitor—20 Mfd. (C238)	0.10
12978	Capacitor—20 Mfd. (C239)	0.10
12978	Capacitor—20 Mfd. (C240)	0.10
12978	Capacitor—20 Mfd. (C241)	0.10
12978	Capacitor—20 Mfd. (C242)	0.10
12978	Capacitor—20 Mfd. (C243)	0.10
12978	Capacitor—20 Mfd. (C244)	0.10
12978	Capacitor—20 Mfd. (C245)	0.10
12978	Capacitor—20 Mfd. (C246)	0.10
12978	Capacitor—20 Mfd. (C247)	0.10
12978	Capacitor—20 Mfd. (C248)	0.10
12978	Capacitor—20 Mfd. (C249)	0.10
12978	Capacitor—20 Mfd. (C250)	0.10
12978	Capacitor—20 Mfd. (C251)	0.10
12978	Capacitor—20 Mfd. (C252)	0.10
12978	Capacitor—20 Mfd. (C253)	0.10
12978	Capacitor—20 Mfd. (C254)	0.10
12978	Capacitor—20 Mfd. (C255)	0.10
12978	Capacitor—20 Mfd. (C256)	0.10
12978	Capacitor—20 Mfd. (C257)	0.10
12978	Capacitor—20 Mfd. (C258)	0.10
12978	Capacitor—20 Mfd. (C259)	0.10
12978	Capacitor—20 Mfd. (C260)	0.10
12978	Capacitor—20 Mfd. (C261)	0.10
12978	Capacitor—20 Mfd. (C262)	0.10
12978	Capacitor—20 Mfd. (C263)	0.10
12978	Capacitor—20 Mfd. (C264)	0.10
12978	Capacitor—20 Mfd. (C265)	0.10
12978	Capacitor—20 Mfd. (C266)	0.10
12978	Capacitor—20 Mfd. (C267)	0.10
12978	Capacitor—20 Mfd. (C268)	0.10
12978	Capacitor—20 Mfd. (C269)	0.10
12978	Capacitor—20 Mfd. (C270)	0.10
12978	Capacitor—20 Mfd. (C271)	0.10
12978	Capacitor—20 Mfd. (C272)	0.10
12978	Capacitor—20 Mfd. (C273)	0.10
12978	Capacitor—20 Mfd. (C274)	0.10
12978	Capacitor—20 Mfd. (C275)	0.10
12978	Capacitor—20 Mfd. (C276)	0.10
12978	Capacitor—20 Mfd. (C277)	0.10
12978	Capacitor—20 Mfd. (C278)	0.10
12978	Capacitor—20 Mfd. (C279)	0.10
12978	Capacitor—20 Mfd. (C280)	0.10
12978	Capacitor—20 Mfd. (C281)	0.10
12978	Capacitor—20 Mfd. (C282)	0.10
12978	Capacitor—20 Mfd. (C283)	0.10
12978	Capacitor—20 Mfd. (C284)	0.10
12978	Capacitor—20 Mfd. (C285)	0.10
12978	Capacitor—20 Mfd. (C286)	0.10
12978	Capacitor—20 Mfd. (C287)	0.10
12978	Capacitor—20 Mfd. (C288)	0.10
12978	Capacitor—20 Mfd. (C289)	0.10
12978	Capacitor—20 Mfd. (C290)	0.10
12978	Capacitor—20 Mfd. (C291)	0.10
12978	Capacitor—20 Mfd. (C292)	0.10
12978	Capacitor—20 Mfd. (C293)	0.10
12978	Capacitor—20 Mfd. (C294)	0.10
12978	Capacitor—20 Mfd. (C295)	0.10
12978	Capacitor—20 Mfd. (C296)	0.10
12978	Capacitor—20 Mfd. (C297)	0.10
12978	Capacitor—20 Mfd. (C298)	0.10
12978	Capacitor—20 Mfd. (C299)	0.10
12978	Capacitor—20 Mfd. (C300)	0.10
12978	Capacitor—20 Mfd. (C301)	0.10
12978	Capacitor—20 Mfd. (C302)	0.10
12978	Capacitor—20 Mfd. (C303)	0.10
12978	Capacitor—20 Mfd. (C304)	0.10
12978	Capacitor—20 Mfd. (C305)	0.10
12978	Capacitor—20 Mfd. (C306)	0.10
12978	Capacitor—20 Mfd. (C307)	0.10
12978	Capacitor—20 Mfd. (C308)	0.10
12978	Capacitor—20 Mfd. (C309)	0.10
12978	Capacitor—20 Mfd. (C310)	0.10
12978	Capacitor—20 Mfd. (C311)	0.10
12978	Capacitor—20 Mfd. (C312)	0.10
12978	Capacitor—20 Mfd. (C313)	0.10
12978	Capacitor—20 Mfd. (C314)	0.10
12978	Capacitor—20 Mfd. (C315)	0.10
12978	Capacitor—20 Mfd. (C316)	0.10
12978	Capacitor—20 Mfd. (C317)	0.10
12978	Capacitor—20 Mfd. (C318)	0.10
12978	Capacitor—20 Mfd. (C319)	0.10
12978	Capacitor—20 Mfd. (C320)	0.10
12978	Capacitor—20 Mfd. (C321)	0.10
12978	Capacitor—20 Mfd. (C322)	0.10
12978	Capacitor—20 Mfd. (C323)	0.10
12978	Capacitor—20 Mfd. (C324)	0.10
12978	Capacitor—20 Mfd. (C325)	0.10
12978	Capacitor—20 Mfd. (C326)	0.10
12978	Capacitor—20 Mfd. (C327)	0.10
12978	Capacitor—20 Mfd. (C328)	0.10
12978	Capacitor—20 Mfd. (C329)	0.10
12978	Capacitor—20 Mfd. (C330)	0.10
12978	Capacitor—20 Mfd. (C331)	0.10
12978	Capacitor—20 Mfd. (C332)	0.10
12978	Capacitor—20 Mfd. (C333)	0.10
12978	Capacitor—20 Mfd. (C334)	0.10
12978	Capacitor—20 Mfd. (C335)	0.10
12978	Capacitor—20 Mfd. (C336)	0.10
12978	Capacitor—20 Mfd. (C337)	0.10
12978	Capacitor—20 Mfd. (C338)	0.10
12978	Capacitor—20 Mfd. (C339)	0.10
12978	Capac	

light application of acetone using care not to allow the acetone to flow down into the air gap. The dust cover may be cemented back in place with ambroid upon completion of adjustment.

### Photograph Terminal Board

A terminal board is provided for connecting a phonograph into the audio amplifying circuit. Typical methods of connecting a low-impedance pickup, or the RCA Victor Models R-93, R-93-2, and R-93-8 Record Players are shown on the Schematic Diagram (figure 2).

[illegible]