ENGINEERING DATA STROMBERG-CARLSON NOS. 410 AND 411 RADIO RECEIVERS

STROMBERG-CARLSON TELEPHONE MANUFACTURING COMPANY ROCHESTER, NEW YORK

IDENTIFICATION TABLE

Model	Input Power Frequency	Chassis	Cabinet	Speaker
410-H	 50-60 Cycles	30302	30361	30304
410-HB	 25-60 Cycles	30303	30361	30304
410-J	 50-60 Cycles	30302	30478	30304
410-JB	 25-60 Cycles	30303	30478	30304
410-T	 50-60 Cycles	30302	30459	30304
410-TB	 25-60 Cycles	30303	30459	30304
411-PF	 60 Cycles	30629	30603	30304
411-PFB	 25 Cycles	30630	30603	30304
411-PT	 60 Cycles	30629	30604	30304
411-PTB	 25 Cycles	30630	30604	30304

SPECIFICATIONS

Type of Circuit	
Number of Tubes	Five
Type of Tubes	. 6A8G, Modulator and Oscillator
•	6K7, I. F. Amplifier
	6SQ7, Demodulator, A. V. C., and Audio Amplifier 6F6G, Output 80, Rectifier
Voltage Rating	105 to 125 Volts
Power Frequency Rating	.Standard 50-60 Cycles, also available 25-60 Cycles
Input Power Rating	.Standard 50-60 Cycles, also available 25-60 Cycles
Intermediate Frequency	455 Kilocycles
Speaker Voice Coil Impedance at 400 Cycles	Approximately 5 Ohms
Speaker Field Coil Resistance	

FEATURES

General

This is a five tube, two gang, two range receiver with the 1600 to 1700 Kc. police band included in the broadcast range. Provision is made for a record player to be used with the No. 410 Receivers without additional wiring.

The No. 411 Receivers are equipped with a single record phonograph unit using a crystal pick-up in conjunction with a specially equalized circuit. The phonograph unit is designed to play the standard 10 or 12 inch 78 R.P.M. records.

Tone is adjusted on the No. 410 Receivers by a step tone control and on the No. 411 Receivers by a variable tone control. The dial is of the slide rule type edge lighted to provide visibility without glare.

The chassis is designed to provide the maximum in sensitivity and tone quality for a set of this type. The selectivity and freedom from interference should be satisfactory under all normal reception conditions.

Special Circuits

Iron core coils are used in the oscillator and antenna circuits to provide greater stability. The high frequency end of each band is spread out by means of special capacitor plates, to provide greater ease in tuning.

Phonograph Operation (410)

A socket is provided on the back of the chassis into which a record player may be plugged, and a switch is provided on the front of the chassis for switching from "Radio" to "Phonograph".

Television (411 Receivers only)

Switching to "Phonograph" also makes the audio amplifier and loud speaker available for use with television receivers designed for this type of sound reproduction.

ACCESSORIES

Antenna

For best results use a Stromberg-Carlson Antenna. These Antennas are supplied in kits containing all the necessary parts for mounting and installation.

Playing Records (410 Receivers only)

To obtain the best quality of phonograph reproduction a Stromberg-Carlson record player is recommended. They are designed for use with this receiver, and all that is necessary is to connect the record player to the single prong socket provided in the chassis, tune the receiver to a quiet place on the dial scale and proceed to operate. The volume may be controlled with the volume control at the receiver, or (if such is provided) with the volume control on the record player.

A low impedance pick-up may also be used, but a matching transformer must be placed between the phonograph pick-up and the chassis.

Headset Attachment

Headphones can be very simply attached to this receiver. Ask for Pc. No. 28303 Headset Package Assembly, which comes complete with headphones and installation instructions.

Care of Cabinet

The finish of Stromberg-Carlson Cabinets should be protected by using Stromberg-Carlson Cabinet Polish regularly. It is available in pint cans, designated as Pc. No. 28601.

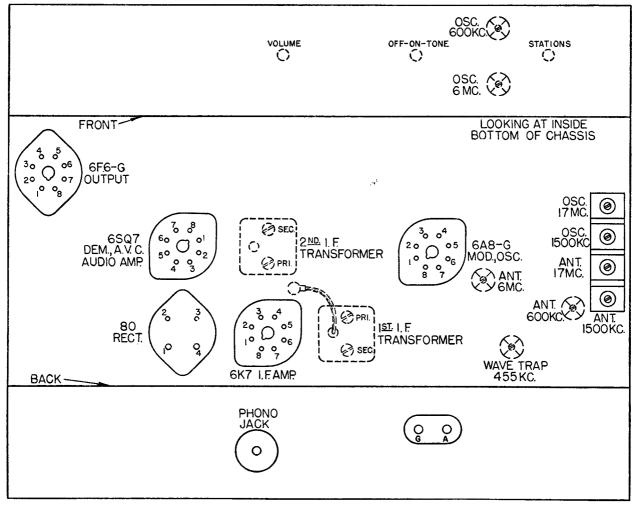
Nicks and scratches of most kinds can be repaired quickly and easily by proper use of the Pc. No. 26962 Touch-Up Kit. Complete instructions are provided with each kit.

Tools

Stromberg-Carlson can supply all the tools required for working on these sets. For example: SD-29 Phillips Head Screwdriver

No. 24608 Aligning Tool

Also pliers, cutters, screwdrivers, etc.



Location Chart

ALIGNING INFORMATION

NEVER ALIGN UNLESS ABSOLUTELY NECESSARY.

Use a good modulated signal generator (test oscillator) with variable output voltage and a sensitive output meter across the voice coil of the speaker.

Always align using the smallest possible input from the signal generator (except when wave trap adjustment is made). A strong signal makes adjustments inaccurate.

Always have receiver volume control full on.

Never align with tone control in "Bass" position.

See location chart on Page 3 for location of all the aligning adjustment screws.

Aligning Procedure (follow this order exactly)

I. Dial pointer adjustment.

With the plates of the gang tuning capacitor fully engaged, set the dial pointer directly on the vertical line located at the extreme low frequency end of the short-wave band.

- II. Intermediate frequency adjustments.
 - 1. Set the range switch to Standard Broadcast position.
 - 2. Tune set to extreme low frequency end of the dial.
 - 3. Connect the ground terminal of the signal generator to the ground terminal of the chassis.
 - 4. Introduce a modulated signal of 455 Kilocycles to the grid cap of the 6A8G Tube, using a 0.1 microfarad capacitor in series with the output lead of the signal generator. (Do not remove the grid clip from this tube.)
 - 5. Adjust the I. F. Aligners for maximum output in the following order:
 - A. Secondary of second I. F. transformer.
 - B. Primary of second I. F. transformer.
 - C. Secondary of first I. F. transformer.
 - D. Primary of first I. F. transformer.

III. Radio frequency adjustments.

Short Wave Range (C Band)

- 1. Replace the 0.1 microfarad capacitor in series with the output lead of the signal generator with a 400 ohm carbon type resistor, and connect it to the antenna terminal of the chassis.
- 2. Set the range switch to the short-wave range (C Band).
- 3. Set the signal generator frequency and the receiver tuning dial to 6 megacycles.
- 4. Adjust the 6 megacycles oscillator and antenna (iron cores) for maximum signal.
- 5. Set the signal generator frequency and the receiver tuning dial to 17 megacycles.
- 6. Adjust the 17 megacycles oscillator and antenna aligning capacitors for maximum signal.
- 7. Repeat operations three and four.
- 8. Repeat operations five and six.

Standard Broadcast Range (A Band)

- 1. Replace the 400 ohm carbon type resistor in series with the output lead from the signal generator with a 200 micro-microfarad capacitor.
- 2. Set the range switch to the Standard Broadcast Range (A Band).
- 3. Set the signal generator frequency and the receiver tuning dial to 600 Kc.
- 4. Adjust the 600 Kc. oscillator and antenna (iron cores) for maximum signal.

- 5. Set the signal generator frequency and the receiver tuning dial to 1500 Kc.
- 6. Adjust the 1500 Kc. oscillator and antenna aligning capacitors for maximum signal.
- 7. Repeat operation three and four.
- 8. Repeat operation five and six.

IV. Wave Trap Adjustment.

(Leave the receiver connected in the same manner as when adjusting the Standard Broadcast Range ("A" Band)).

- 1. Tune set to 1000 Kc.
- 2. Set the signal generator frequency to 455 Kc. and introduce a fairly strong modulated signal to the receiver.
- 3. Adjust the wave trap aligner for minimum signal.

ADJUSTING DIAL LAMP

The dial on this receiver is edge lighted, and for proper illumination it is very important that the dial light be adjusted so that the filament is exactly opposite the edge of the glass.

To make this adjustment simply slide the pilot light socket back and forth on its mounting bracket until maximum illumination is obtained.

NORMAL VOLTAGE READINGS

Take all readings with chassis operating and tuned to 1000 Kc.—no signal.

Use a line voltage of 120 volts, or make allowance for the variation.

Use a good high resistance voltmeter having a resistance of at least 1000 ohms per volt.

Take all D. C. readings on the 500 volt scale except when an asterisk appears.

Read from indicated terminals to chassis base.

See location chart on Page 3 for position of terminals.

A. C. voltages are indicated by italics.

	1				Heater Voltages							
											Between Term	
Tube	Circuit	Сар	1	2	3	4	5	6	7	8	Terminal Numbers	Volts A. C.
6A8G	Mod.—Osc.	0	0	0	+260	+100	_	+180	6.5	+3*	2–7	6.5
6K7	I. F. Amp.	0	0	0	+260	+100	+3*	+270	6.5	+3*	2–7	6.5
6SQ7	Dem.—A. V. C. —Audio		0		0			+100	6.5	0	7–8	6.5
6 F6G	Output		0	0	+240	+260			6.5	+15	2–7.	6.5
80	Rectifier		+330	315	315	+330					1-4	5

^{*}Read on lowest possible scale of voltmeter.

CONTINUITY TEST

CAUTION: Remove all tubes and disconnect the receiver from the power supply before making continuity test.

Use a good meter capable of measuring accurately up to several megohms.

The resistances given are often approximate, owing to electrolytic capacitors in the circuit.

When this is the case, be sure to reverse the test leads and read the highest resistance.

Read from indicated terminals to chassis base unless otherwise specified.

See location chart on Page 3 for position and numbering of terminals.

Tube	TERMINALS OF SOCKETS											
	Circuit	Cap	1	2	3	4	5	6	7	8		
6A8G	Mod.—Osc.	1.5M	S	S	26,000¶	85,000¶	50,000¶	60,000¶	S	150¶		
6 K 7	I. F. Amp	1.5M	S	S	25,000¶	110,000¶	150¶	35,000¶	S	150¶		
6SQ7	Dem.—A. V. C. —Audio	_	S	10M	S	550,000¶	550,000¶	300,000¶	s	s		
6F6G	Output		S	S	25,000¶	25,000¶	1M	*	S	400¶		
80	Rectifier	_	26,000¶	250¶	250¶	26,000¶	_	—				

Symbols used on chart are as follows: \(\)-ohms; M-megohms; S-short; O-open.

Other Tests Not Shown on Chart

Antenna terminal to chassis base—70 ohms.

Ground terminal to chassis base—"short".

Phono terminal to chassis base—500,000 ohms.

Between terminals of AC plug:

AC switch open-"open".

AC switch closed—8 ohms.

Terminals of AC plug to chassis base—"open".

R. F. coil tests measured directly across R. F. coil terminals with range switch set in Standard Broadcast Position (A Range).

L3—3 ohms; L4—"short"; L5—"short"; L6—.5 ohm; L7—4 ohms; L8—.1 ohm; L9—"short".

REPLACEMENT PARTS

Use genuine Stromberg-Carlson parts. It will be to your advantage. They are made for use in Stromberg-Carlson receivers. The specifications are correct and the same high quality material and workmanship is used as in the whole radio receiver. Don't ruin a good receiver with an inferior part.

Capacitors

Piece				_	
Number				Part	
24559	C-26			100 mmf.	
24637	C-14			.VV17 m1.	
24994	C-10			.05 mf.	
25054	C-48 (411 only) .			150 mmf.	
25149	C-1 (C-49, 50-41)	l only)		.01 mf	
25487	C-12			.001 mf.	
25533				.006 mf.	
26512	C-23, 24			2-100 mmfs.	
27108	C-19, 20, 21, 22			2—.05 mfs.	
27305	C-11			50 mmf.	
29973	C-34			.25 mf.	
30116	C-9			.003 mf.	
30237	C-13			385 mmf	
30322	C-25, 27, 28			.005 mf. Variable Capacitor (2 gang) 1—40 mf. 450 V; 1—15 mf. 350 V; 1—15 mf. 300 V; 1—20 mf. 2	
30374	C-7.8			Variable Capacitor (2 gang)	
30399	C-30, 31, 32, 33			1—40 mf. 450 V; 1—15 mf. 350 V; 1—15 mf. 300 V; 1—20 mf. 2	ōγ
30399 30433	C-30, 31, 32, 33 C-3, 4, 5, 6		:	1—40 mf. 450 V; 1—15 mf. 350 V; 1—15 mf. 300 V; 1—20 mf. 2 Aligner Assembly	5 V
30433	C-30, 31, 32, 33 C-3, 4, 5, 6		•	Aligner Assembly	5 V
30433	C-30, 31, 32, 33		•	Aligner Assembly	5 V
30433	C-30, 31, 32, 33 C-3, 4, 5, 6		•	Aligner Assembly	•
30433 Coils,	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar		•	Aligner Assembly Wave Trap Antenna Coil "A" Band	•
30433 Coils, 30238	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2	nd Sp	ea ke r	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "A" Band	
30433 Coils, 30238 30149	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5	nd Sp	eaker : :	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "A" Band Antenna Coil "C" Band	
30433 Coils, 30238 30149 30150	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7	nd Sp	eaker : :	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "C" Band Oscillator Coil "C" Band	
30433 Coils, 30238 30149 30150 30401	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5	nd Sp	eaker : : :	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "C" Band Oscillator Coil "C" Band R. F. Choke Coil	
30433 Coils, 30238 30149 30150 30401 30402	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5 L-8, 9	nd Spe	eaker : : : :	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "C" Band Antenna Coil "C" Band Oscillator Coil "C" Band Power Transformer 50/60 Cycles	
30433 Coils, 30238 30149 30150 30401 30402 30332	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5 L-8, 9 L-2 L-18, 19, 20, 21	nd Spe	eaker : : : :	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "A" Band Antenna Coil "C" Band Oscillator Coil "C" Band Power Transformer 50/60 Cycles Power Transformer 25/60 Cycles	
30433 Coils, 30238 30149 30150 30401 30402 30332 30395 30396 30127	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5 L-8, 9 L-2 L-18, 19, 20, 21 L-10, 11; C-15, 16	nd Sp	eaker : : : :	Wave Trap Antenna Coil "A" Band Oscillator Coil "C" Band Oscillator Coil "C" Band Oscillator Coil "C" Band Power Transformer 50/60 Cycles Power Transformer 55/60 Cycles 1st I. F. Transformer	
30433 Coils, 30238 30149 301401 30402 30332 30395 30396 30127 30405	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5 L-8, 9 L-2 L-18, 19, 20, 21 L-10, 11; C-15, 16 L-12, 13; C-17, 18	nd Spe	eaker : : : :	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "C" Band Antenna Coil "C" Band Oscillator Coil "C" Band R. F. Choke Coil Power Transformer 50/60 Cycles Power Transformer 25/60 Cycles 1st I. F. Transformer	
30433 Coils, 30238 30149 30150 30401 30402 30332 30395 30396 30127 30405 30304	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5 L-8, 9 L-2 L-18, 19, 20, 21 L-10, 11; C-15, 16 L-12, 13; C-17, 18 L-14, 15, 16, 17	nd Spe	eaker 	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "A" Band Antenna Coil "C" Band Oscillator Coil "C" Band R. F. Choke Coil Power Transformer 50/60 Cycles Power Transformer 25/60 Cycles 1st I. F. Transformer 2nd I. F. Transformer Speaker and Output Transformer	
30433 Coils, 30238 30149 301401 30402 30332 30395 30396 30127 30405	C-30, 31, 32, 33 C-3, 4, 5, 6 Transformers ar L-1; C-2 L-3 L-6, 7 L-4, 5 L-8, 9 L-2 L-18, 19, 20, 21 L-10, 11; C-15, 16 L-12, 13; C-17, 18	nd Spe	eaker 	Aligner Assembly Wave Trap Antenna Coil "A" Band Oscillator Coil "C" Band Antenna Coil "C" Band Oscillator Coil "C" Band R. F. Choke Coil Power Transformer 50/60 Cycles Power Transformer 25/60 Cycles 1st I. F. Transformer	

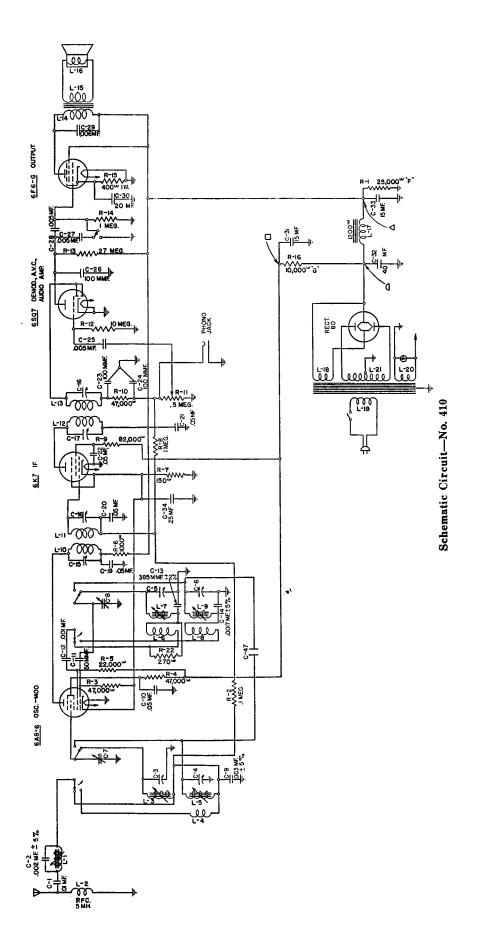
^{*} Tone control in "Treble" position—1 megohm.

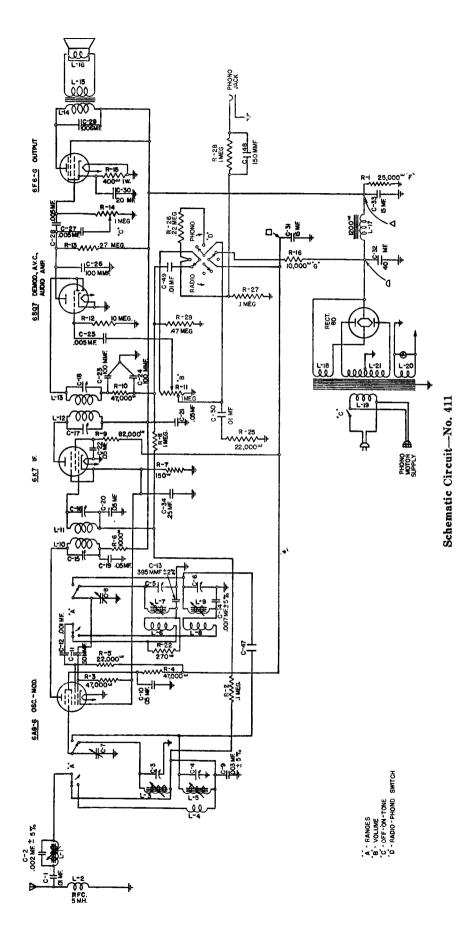
Tone control in "Bass" position—"short".

REPLACEMENT PARTS—Continued

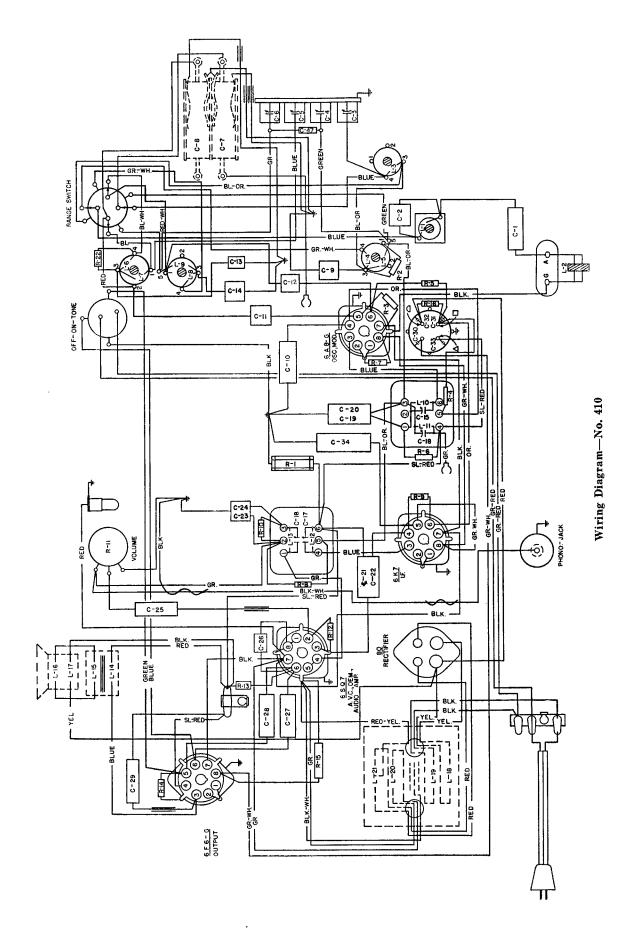
Control and Knobs

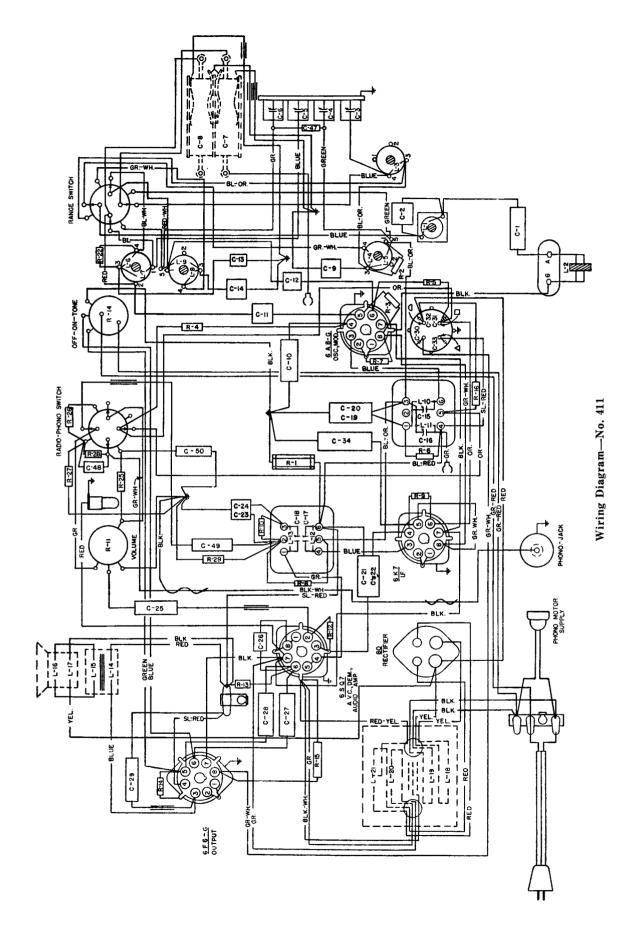
Piece													
Number	Circui	t Des	ionat	ion		Part							
26061						Off-On-Tone Control (410 only)							
27311			•	•	•	Off-On-Tone Control (411 only)		•					
28685		•	•	•	•	Off-On-Tone Control (410 only) Off-On-Tone Control (411 only) Range Switch Phono Switch (411 only)		•	•	•	٠.		
28686			•	:		Phone Switch (411 only)	•		•		•	•	
29560	R-11			•	•	Volume Control (411 only)	•	•	•	٠		٠	
30136	R-11			•		Volume Control (411 only) Volume Control (410 only)	•	•		•	:		•
27802			:	:	:	Large Tuning Knob	-	•	•	•	:		
28827		•	•	•	•	Large Tuning Knob Range Switch Knob Off-On and Tone Control Knob	•			•	•		
28843		•	:	•	•	Off-On and Tone Control Knob	•	•	•	•	•		
29461		:			:	Volnme Control Knob		•	•				
27628	•		•		•	Felt Washer for Knobs	•	•	•		•		
21020		•	•	•	•	reit wasier for Knobs .	•		•	•	•	•	•
Resistors													
						00 M I // (473)							
26361	R-26 (411	only)	•	•	•	.22 Megohms, Type "E"	•	•					
26323	R-7 . R-22 .	•		•		150 Ohms, Type "E" .							
26326	R-22 .		•	•	•	270 Ohms, Type "E" . 1,000 Ohms, Type "E"							
26333	R-6 .		. 1		•	1,000 Ohms, Type "E"	-	•	-	٠			•
26349	R-5 (R-25	-411	only)		•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			•				
26353	R-6 R-5 (R-25- R-3, 4, 10 R-9	•		•	•	47,000 Ohms, Type "E" . 82,000 Ohms, Type "E" .					•		
26356	R-9 R-2 (R-27 R-13	.,	٠,,	•	•	82,000 Onms, Type "E" .		•	•	•			
26357	R-2 (R-27	-411	only)		٠						•		
26362	R-13 .	٠	•		•	270,000 Onms, Type "E"	•	•					•
26365	R-29 (411	only)	·	•	٠	.47 Megohm, Type "E"	•	•	•	•		•	•
26369	R-29 (411 R-8, (R-14 (R-28	-410	only)		-3 , -1		٠					
0.000	(R-28	-411	only)			10 Megohms, Type "E" 25,000 Ohms, Type "F" 400 Ohms, 1 Watt							
26381	R-12 .					10 Megohms, Type "E"	-	•	•		•	*	-
27125	R-1 .					25,000 Ohms, Type "F"		-		•			•
28758	R-15 .		•	٠		400 Onms, 1 Watt		•	•	•	-	•	•
30400	R-17, 18, 1 R-16	9	•	•	•	Voltage Divider 10,000 Ohms, Type "G"					-	•	
30417	R-16 .	•				10,000 Ohms, Type "G"					•		•
Phono P	arts (411	Rec	eive	rs Ot	ılv)								
						C (TI							
30929		•	•	•	•	Connector Plug		· -	; .		•	٠	
30886		•	•	•	•	Complete Phono Motor (411-P1	and	PF 0	nly)	:	•	•	
30887		•	•	•	•	Connector Plug Complete Phono Motor (411-PT Complete Phono Motor (411-PT Stan Switch	Ban	d PF	R only	7)		•	•
30890		•	•	•	•	Stop Switch	•		•	•			
30891		•	•	•	•	Pick-np Arm Assembly .			•	•	•	•	•
Miscellar	AANTA Dat	rta.											
	icous I ui	LUS				Dald Dand San Californi							
24135		•	•	•	•	Felt Foot for Cabinet	G 4	•	•	•	•	•	
26122		•	•	•	•	Antenna and Ground Terminal	Strip		٠				•
28652		•	•	•	•	Power Supply Cord	•						
30056		•	•	•	•						٠		
30414		•	•	•	•	Dial Pointer	•	•	•			•	
30190		•	•	•	•	Dial Escutcheon Screw for Mtg. Dial Escutcheon	•	•		•	•		
29479		•	•	•	•	Screw for Mtg. Dial Escatcheon		٠		٠	•		
26287		•	•	•	•	Pilot Lamp Rnbber for Mtg. Dial Glass	•	•	*	•	•		
30269		•	•	•	•	Rubber for Mig. Dial Glass	•	•					
30224		•	•	•	•	Phonograph Plng Guard for Phonograph Jack	•	•	-	•	•		
30225		•	•	•	•								•
30226						Phonograph Jack							٠
30151		-	•	-	•	0 D		•	•	•	•		•
90759			:	•	•	8-Prong Socket						•	
30153	· ·		:	•	•	8-Prong Socket		· ·	:		:		
30413	· · ·	•	:	•		8-Prong Socket 4-Prong Socket Bronze Drive Cord			· ·		· ·	:	
30413 SD-67	· · · · · · · · · · · · · · · · · · ·		:	•	:	8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord				· · ·	· · ·	· · ·	
30413 SD-67 28694	· · · · · · · · · · · · · · · · · · ·		:	•		8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly					· · ·	· · ·	
30413 SD-67 28694 29628	· · · · · · · · · · · · · · · · · · ·		•			8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly Spring for Drive Cord							
30413 SD-67 28694	· · · · · · · · · · · · · · · · · · ·			•		8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly							
30413 SD-67 28694 29628	ies	:		:	•	8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly Spring for Drive Cord							
30413 SD-67 28694 29628 30930 Accessor	ies		:		•	8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly Spring for Drive Cord Connector Assembly (411 only)							
30413 SD-67 28694 29628 30930 Accessor SD-29	ies					8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly Spring for Drive Cord Connector Assembly (411 only) Phillips No. 1 Screwdriver							
30413 SD-67 28694 29628 30930 Accessor SD-29 24608	ies				•	8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly Spring for Drive Cord Connector Assembly (411 only) Phillips No. 1 Screwdriver Aligning Tool							
30413 SD-67 28694 29628 30930 Accessor SD-29 24608 28601	ies				•	8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly Spring for Drive Cord Connector Assembly (411 only) Phillips No. 1 Screwdriver Aligning Tool Cabinet Polish (Pint Can)							
30413 SD-67 28694 29628 30930 Accessor SD-29 24608	ies					8-Prong Socket 4-Prong Socket Bronze Drive Cord Dial Drive Cord Pilot Lamp Socket Assembly Spring for Drive Cord Connector Assembly (411 only) Phillips No. 1 Screwdriver Aligning Tool							





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