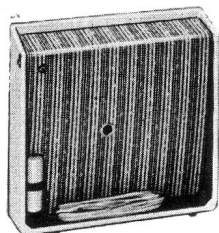
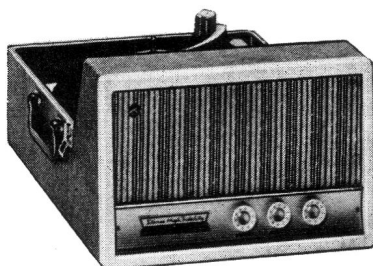


"CLOSED"



"OPEN"



Model SF-384  
"THE PRELUDE"



# RCA VICTOR



Stereophonic Record Player

## Models SF-384 "The Prelude"

Record Changer Monarch UA-12

# SERVICE DATA

—1958 No. 8—

ISSUED BY  
SERVICE DIVISION  
RCA VICTOR COMPANY, LTD.  
MONTREAL, CANADA

## ELECTRICAL AND MECHANICAL SPECIFICATIONS

### TUBE COMPLEMENT

- (1) RCA 12AU6 ..... Left Chan. A.F. Amplifier
- (2) RCA 12AU6 ..... Right Chan. A.F. Amplifier
- (3) RCA 50C5 ..... Left Channel Output
- (4) RCA 50C5 ..... Right Channel Output

A selenium rectifier is used.

### POWER SUPPLY RATING

115 volts, 60 cycles ..... 50 watts

### POWER OUTPUT

Undistorted ..... 2 watts      Maximum ..... 2.5 watts

FREQUENCY RESPONSE ..... 75 to 17,000 cycles

### LOUDSPEAKERS

- Two 6" PM "woofer" ..... 3.2 ohm impedance
- Two 4" PM "tweeters" ..... 3.2 ohm impedance

### RECORD CHANGER (Monarch UA-12)

Turntable speed ..... 16 $\frac{2}{3}$ , 33 $\frac{1}{3}$ , 45 or 78 r.p.m.  
Record capacity ..... Up to fifteen 7 inch

or twelve 10 inch.

or ten 12 inch.

or ten 10 in. and 12 in. intermixed.

Pickup (Stock No. S-22862) ..... Stereophonic Ceramic

## GENERAL DESCRIPTION

The model SF-384 "The Prelude" is a portable Stereo High Fidelity phonograph, housed in a two-tone, two section carrying case. The "Prelude" is a complete stereo unit housed in one carrying unit. The external speaker is housed in the detachable lid.

A four-speed automatic record changer, equipped with a stereophonic ceramic pick up is used. Two six inch speakers, and two four inch speakers are used, 1-6" speaker and 1-4" speaker being in the detachable lid. The frequency response is from 75 to 17,000 cycles.

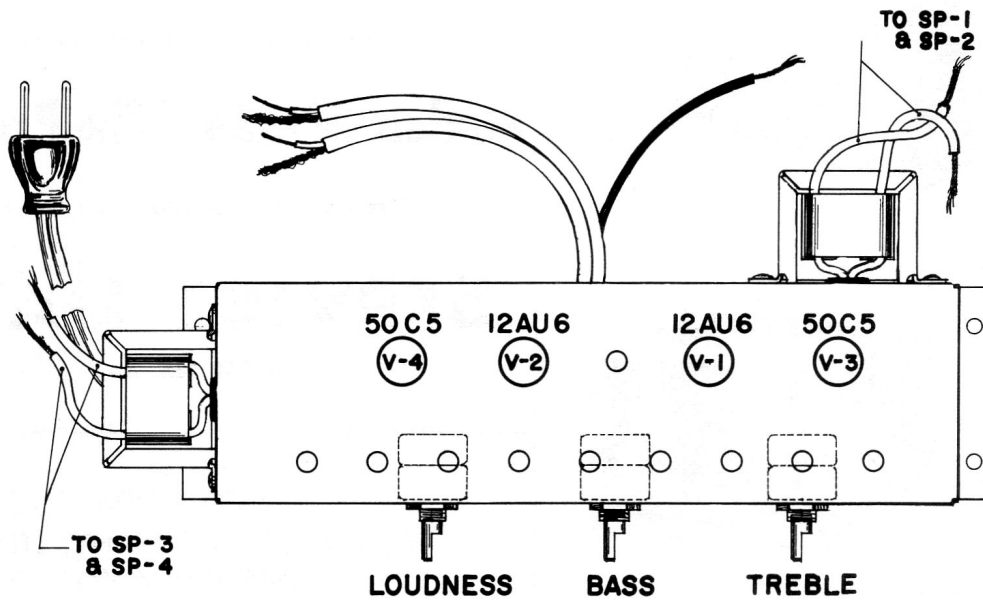
The amplifier incorporates four tubes and a selenium rectifier, designed for operation on a 105/125 volt, 60 cycle power supply. The three controls "Loudness", "Bass" and "Treble" operate in a clockwise direction for maximum response. Each control is marked with numbers from 0 to 9; the recommended normal setting of the tone controls is "5" on each dial.

The instrument may be used as a monaural phonograph or it may be used in conjunction with the external speaker system (in the lid) as a stereophonic phonograph.

A slide-type switch located on the top right of the inner panel is used to select between these two modes of operation. When the instrument is used as a monaural unit, the slide-type switch is set to place the output transformer secondaries in parallel.

## SUPPLEMENTARY INFORMATION

Issue	Subject
List related Service Letters above.	



*View of Amplifier Chassis*

### ACCESS TO CHASSIS AND TUBES

To replace tubes.

- 1) Remove control knobs in front of cabinet.
- 2) Remove inside front panel held by screws.

To remove chassis.

- 1) Same as above except
- 2) Remove screws at edges of record changer mounting board; tilt board upward.
- 3) Remove four screws securing chassis to cabinet.

### SPEAKER CONNECTIONS

The speakers must be connected as shown in the schematic.

Improper connections may result in distorted or weak reproduction.

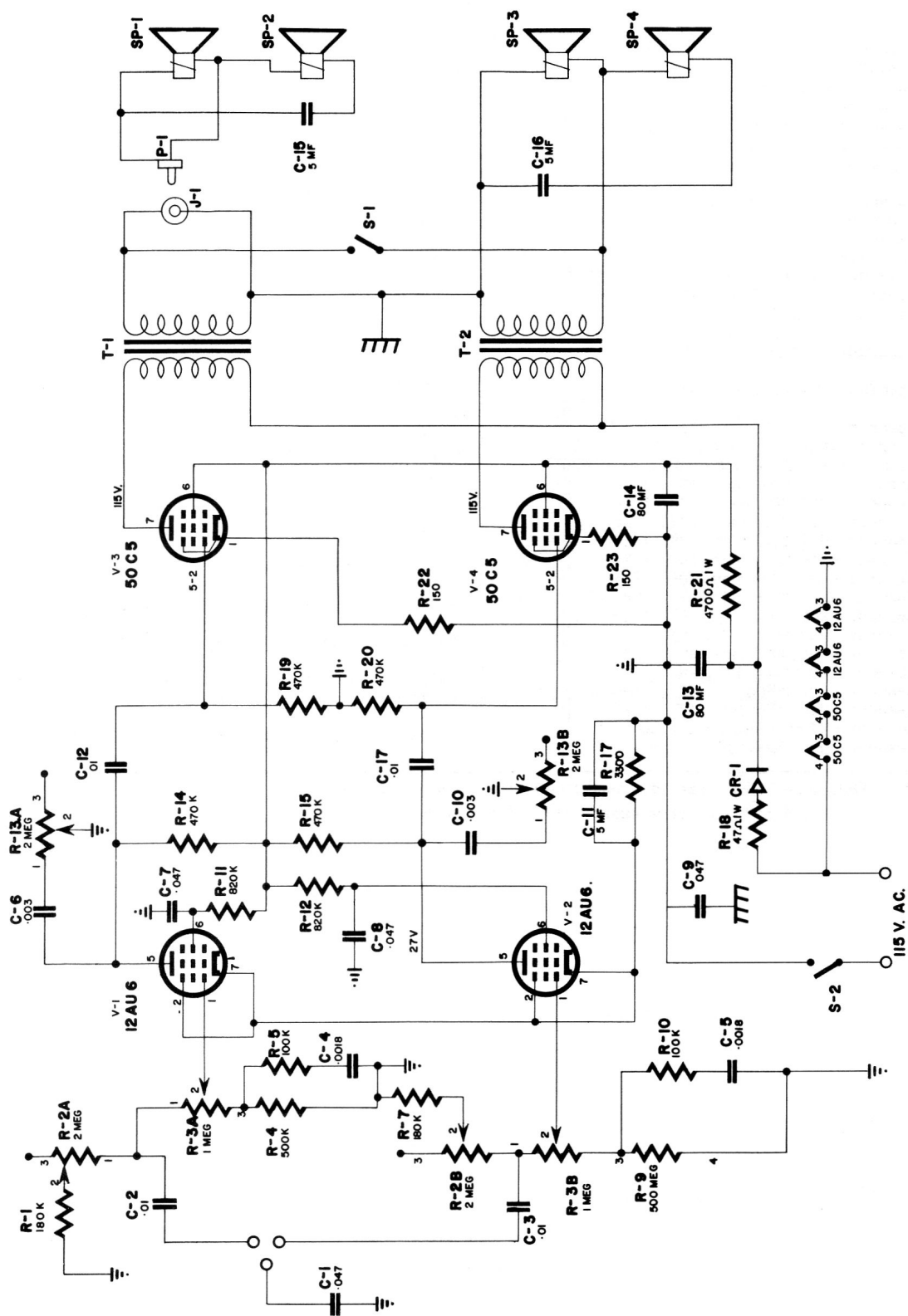
FOR ADDITIONAL INFORMATION ON SPEAKER PHASING,

REFER TO SUPPLEMENTARY INFORMATION

AT THE FRONT OF THIS VOLUME

FOR RECORD CHANGER SERVICE INFORMATION—

REFER TO MONARCH UA-12 SERVICE DATA



Schematic Diagram

NOTE :-

K = 1000

ALL RESISTANCE VALUES IN OHMS.

ALL CAPACITANCE VALUES LESS THAN 1.0 ARE IN MF.

1.0 AND ABOVE IN MMF EXCEPT AS INDICATED.

**NOTE**—The "ON-OFF" switch is not part of the volume control. The record changer must be "ON" for power to be applied to the amplifier.

The SPEAKER FUNCTION SWITCH (S-1) must be closed when speakers are used for monaural reproduction.

For stereophonic record reproduction, the external speaker system must be connected to J-1 and the speaker function switch must be in open position.

## REPLACEMENT PARTS LIST

**Insist on Genuine Factory Tested Parts, which are readily identified and may be purchased from Authorized Dealers.**

SYMBOL	STOCK NO.	DESCRIPTION	SYMBOL	STOCK NO.	DESCRIPTION
C-1		Capacitor - .047 mfd. 20%, 400V	R-23		Resistor - 750 ohms, 10%, 1/2w
C-2		Capacitor - .01 mfd. 10%, 400V	R-24		
C-3		Capacitor - .01 mfd. 10%, 400V			
C-4		Capacitor	S-1	*S-22663	Switch - Speaker Selector Switch
C-5		Capacitor - .0018 mfd. 10%, 400V			
C-6		Capacitor - .003 mfd. 10%, 400V	SP-1	*S-22664	Speaker - 6" PM Speaker
C-7		Capacitor - .047 mfd. 20%, 400V	SP-2	*S-22665	Speaker - 4" PM Speaker
C-8			SP-3	*S-22664	Speaker - 6" PM Speaker
C-9		Capacitor - .047 mfd. 20%, 400V	SP-4	*S-22665	Speaker - 4" PM Speaker
C-10		Capacitor - .003 mfd. 10%, 400V			
C-11	*S-22655	Capacitor - 5 mfd. 50V	T-1,		
C-12		Capacitor - .01 mfd. 10%, 400V	T-2	*S-22666	Transformer - Audio Output Transformer
C-13 }	*S-22656	Capacitor - electrolytic - 80 mfd. 150V			
C-14 }		Capacitor - electrolytic - 80 mfd. 150V			MISCELLANEOUS ASSEMBLY
C-15	*S-22657	Capacitor - 5 mfd. 10%			
C-16	*S-22658	Capacitor - 5 mfd. 10%	*S-22667		Cabinet - Cabinet Ass'y - Maracca
C-17		Capacitor - .01 mfd. 10% 400V	S-22668		Cabinet - Cabinet Ass'y - Grey
CR-1	*S-22659	Rectifier - Selenium Rectifier		*S-22669	Catch - Lid Catch
R-1		Resistor - 180,000 ohms, 10%, 1/2w		*S-22670	Escutcheon - Cabinet Knob Escutcheon
R-2 A/B	*S-22660	Control - Dual Bass Control - 2 meg.			
R-3 A/B	*S-22661	Control - Dual Loudness Control - 1 meg	*S-22671		Foot - Cabinet Foot - 4 req'd.
R-4		Resistor - 500,000 ohms, 10%, 1/2w	*S-22672		Foot - Cabinet Foot - Nylon 4 req'd.
R-5		Resistor - 100,000 ohms, 10%, 1/2w			
R-7		Resistor - 180,000 ohms, 10%, 1/2w	*S-22673		Handle - Carrying Handle - Brown
R-10		Resistor - 100,000 ohms, 10%, 1/2w	S-22674		Handle - Carrying Handle - Grey
R-11		Resistor - 820,000 ohms, 10%, 1/2w			
R-12		Resistor - 820,000 ohms, 10%, 1/2w	*S-22675		Hinge - Lid Hinge
R-13A/B	*S-22660	Control - Dual Treble Control - 2 meg.			
R-14		Resistor - 470,000 ohms, 10%, 1/2w	*S-22676		Knob - Knob Ass'y - 3 req'd.
R-15		Resistor - 470,000 ohms, 10%, 1/2w			
R-17		Resistor - 3,300 ohms, 10%, 1/2w	*S-22677		Retainer - 45 RPM Spindle Retainer Clip
R-18		Resistor - 47 ohms, 10%, 1w			
R-19		Resistor - 470,000 ohms, 10%, 1/2w	*S-22678		Socket - Tube Socket for V1, V2, V3 & V4
R-20		Resistor - 470,000 ohms, 10%, 1/2w	*S-22679		Support - Handle Support Hardware
R-21		Resistor - 4700 ohms, 10%, 1/2w			
R-22		Resistor - 750 ohms, 10%, 1/2w	*S-22680		Manual - Customers Instruction Manual

\* Indicates New Stock Items.      Only items listed under stock numbers are available as Replacement Parts.

**All parts subject to change or withdrawal without notice.**