



RCA VICTOR



MODELS VRA56X & SPINETTE

Five-Tube, Single-Band, A-C. Superheterodyne Radio Phonograph Combination

TECHNICAL INFORMATION AND SERVICE DATA

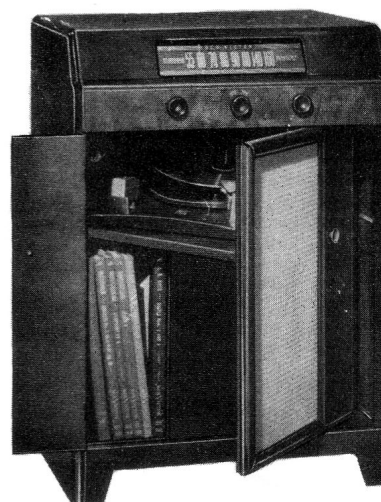
1948 No. 7

GENERAL SERVICE DIVISION

RCA VICTOR COMPANY LTD.



Model VRA56X



SPINETTE

Electrical and Mechanical Specifications

FREQUENCY RANGE

Standard Broadcast S.B. ----- 540-1630 K.C.
Intermediate Frequency A.M. ----- 455 K.C.
Tuning Drive Ratio ----- 12 to 1

RADIOTRON COMPLEMENT

(1) Type 6SA7 ----- Converter
(2) Type 6SK7 ----- 1st I.F.
(3) Type 6SQ7 ----- Det., A.V.C. & 1st A.F.
(4) Type 6K6GT ----- Power Output
(5) Type 5Y3GT/G ----- Rectifier
Pilot Lamps (2) ----- Mazda No. 51 6-8 volts 0.2 amp.

POWER OUTPUT

Undistorted ----- 2 Watts
Maximum ----- 3 Watts

LOUDSPEAKER (VRA56X)

Type ----- 4x6 inch Elliptical
Impedance ----- 3.4 ohms at 400 Cycles

LOUDSPEAKER (Spinette)

Type ----- 8 inch P.M.
Voice Coil impedance ----- 2.2 ohms at 400 Cycles

CABINET DIMENSIONS (Inches)

	Height	Width	Depth
Model VRA56X -----	13	16½	15½
Model Spinette -----	32⅞	23¼	16½

POWER SUPPLY RATINGS

Rating A ----- 105-125 volts, 50-60 cycle, 65 watts
Rating B ----- 105-125 volts, 25 cycle, 65 watts

PHONOGRAPH

Type ----- RP178 Automatic
Record Capacity ----- Twelve 10-inch or Ten 12-inch
Turntable Speed ----- 78 r.p.m.

PICKUP

Type ----- Crystal
Impedance ----- 100,000 ohms at 1,000 cycles
Average Output ----- 1.4 volts at 400 cycles
across 500,000 ohm load

Note:—All the above values hold within plus or minus 20% when measured with a RCA Volt ohmyst or equivalent, on a line voltage of 117 volts. All voltages are measured to chassis.

**VRA56X
SPINETTE**

REPLACEMENT PARTS FOR MODELS VRA56X & SPINETTE

Insist on genuine factory tested parts, which are readily identified and may be purchased from authorized dealers.

STOCK NO.	DESCRIPTION	STOCK NO.	DESCRIPTION
CHASSIS ASSEMBLY		SPEAKER ASSEMBLY (VRA56X)	
S-4307	Capacitor-56 MMF (C3).....	35849	Dust Cap (Pkg.3).....
39644	Capacitor-470 MMFD (C17).....	S-3867	Cone-Cone & voice coil assy. (L9)..
S-3644	Capacitor-.0025 MFD (C16).....	S-3866	Speaker.....
S-3646	Capacitor-.005 MFD (C6).....	S-3507	Output transformer (L7,L8) (T2)...
S-3647	Capacitor-.007 MFD (C19).....	SPEAKER ASSEMBLY (SPINETTE)	
S-3648	Capacitor-.01 MFD (C15,C18).....	31825	Dust Cap (Pkg.5).....
S-3649	Capacitor-.015 MFD (C21).....	S-4349	Cone-Cone & voice coil assy.....
70615	Capacitor-.05 MFD (C9,C10).....	S-4323	Speaker.....
S-3497	Condenser-Variable (C1,C2,C4,C5)...	S-3637	Output Transformer.....
32240	Capacitor-Electrolytic (C20,C22, C23).....	MISCELLANEOUS ASSEMBLY	
S-3480	Coil-Oscillator coil (L2) VRA56X...	S-4344	Adapter-Shaft adapter.....
S-4324	Coil-Oscillator coil (L2) (Spinette)	S-4313	Cord-Dial cord (Universal).....
S-3581	Indicator-Station Selector Pointer (VRA56X).....	S-3467	Cord-Power Cord.....
S-4360	Indicator-Station Selector Pointer (Spinette).....	S-4342	Cloth-Grille Cloth (VRA56X).....
S-3508	Loop-Antenna loop and bracket (L1).	S-4348	Cloth-Grille Cloth (Spinette).....
30732	Resistor-47 ohms (R14).....	S-3925	Door Catch and Strike.....
30681	Resistor-470 ohms (R10) 1 watt.....	S-4339	Dial-Dial Scale (VRA56X).....
S-3521	Resistor-W.W. 3,000 ohms 5 watt(R11)	S-4322	Dial-Dial Scale (Spinette).....
30151	Resistor-18,000 ohms (R2) 1 watt...	S-4340	Decal (VRA56X).....
30492	Resistor-22,000 ohms (R1,R4)1/4 watt).....	S-4347	Decal (Spinette).....
12738	Resistor-27,000 ohms (R13) 1/4 watt.....	36386	Decal (H.M.V.).....
14583	Resistor-220,000 ohms (R3) 1/4 watt.....	S-4345	Hinge-friction hinge (Spinette)...
30648	Resistor-470,000 ohms (R7,R8,R9) 1/4 watt.....	S-4292	Knob-Door Knob (Spinette).....
30649	Resistor-2.2 Megohms (R5)1/4 watt..	S-4213	Knob-(Radio-phon).....
30992	Resistor-10 Megohms (R6) 1/4 watt..	S-4214	Knob-(Volume-tuning).....
S-3506	Shaft-Drive Shaft.....	30868	Plug-Motor lead plug (Spinette)...
S-3498	Switch-Tone & phono switch (S1)....	32208	Plug-Speaker lead plug (Spinette)..
S-4341	Socket-Tube socket.....	31418	Spring-Dial cord tension (Pkg.2)..
S-4202	Socket-Phono socket.....	S-4040	Support-Lid support (L.H.)(VRA56X)
S-2824	Socket-AC socket.....	30900	Spring-Knob retaining spring (Pkg.5).....
S-3503	Transformer-1st I.F. (L3,L4,C7,C8).	S-3219	Socket-Speaker socket (Spinette)..
S-3504	Transformer-2nd I.F. (L5,L6,C11, C12).....	33726	Washer-"C" washer for drive shaft (Pkg.5).....
S-2317	Transformer-Power 60 cy. (T1).....	AUTOMATIC RECORD CHANGER MECHANISM	
S-3501	Transformer-Power 25 cy. (T1).....	Refer to Model RP-178 Service Note for Replacement Parts & Service Data.	
S-3505	Volume Control 1 Meg. (R12,S3).....		

All parts and prices subject to change or withdrawal without notice.