

Model 7-BX-10

The "Strato-World II"

Simulated Tan Leather

AC-DC-Battery 7 Band Portable Receiver

Model 7-BX-10 SERVICE DATA

- 1956 No. 14 -

ISSUED BY
GENERAL SERVICE DEPARTMENT
RCA VICTOR COMPANY, LTD.
MONTREAL, CANADA

Electrical & Mechanical Specifications

TUNING RANGES

Standard Broadcast "A" Band540-1600 kc
"B" Band
"C" Band4.0-8.0 mc
31 Meter Spread Band 9.45- 9.85 mc
25 Meter Spread Band11.55-12.05 mc
19 Meter Spread Band14.90-15.50 mc
16 Meter Spread Band17.50-18.20 mc
INTERMEDIATE FREQUENCY455 kc
POWER SUPPLY RATING
115 volts, d.c., or 25 to 60 cycles a.c20 watts
or
Battery Operation

OI

230 volts d.c., or 25 to 60 cycles a.c. using RK-186 Converter Accessory

TUBE COMPLEMENT

TOBE COMPEDIATION
(1) RCA 1U4R.F. Amplifier
(2) RCA 1L6Converter
(3) RCA 1U4I.F. Amplifier
(4) RCA 1U5DetAVC-1st A.F.
(5) RCA 3V4Output
A ballast tube (Type 50Å1) and a selenium rectifier are also used.
LOUDSPEAKER
Size and Type
Voice coil impedance
POWER OUTPUT
Undistorted220 milliwatts
Maximum420 milliwatts
TUNING DRIVE RATIO7:1 (3½ turns of knob
WEIGHT (APPROXIMATE)
Less Battery
DIMENSIONS (OVERALL) Height 11½ in. Width 17½ in. Depth 8 in.

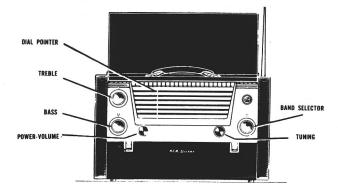
Operating Instructions

Rotate POWER-VOLUME knob to right until a click is heard, and advance for about half a turn. Rotate BAND SELECTOR knob until desired band marking on knob is directly beneath the triangle. To obtain reception on any one of the six Short Wave bands, the telescopic rod antenna must be used. See instructions under "General Information." Rotate TUNING knob until dial pointer indicates desired frequency marking on the desired band. Rotate TREBLE and BASS tone control knobs as desired. Treble tone increases as TREBLE knob is rotated clockwise. BASS tone increases as BASS knob is rotated counterclockwise.

Headphones—A "PHONES" receptacle, for connection of headphones, is located on the rear of the chassis. Should individual listening be desired, any standard headphone set with standard plug may be inserted, automatically disconnecting the speaker.

Ground Terminal—A terminal for ground connection is located on the rear of the chassis. To improve reception in

weak-signal areas, connect a ground wire from this terminal ("GND") to a cold-water pipe, or other suitable ground. A ground connection is not necessary when operating on power line.



Circuit Description

This seven band portable instrument is a sensitive three-way receiver designed to operate from an AC or DC power source, or from a self-contained battery pack. A ballast tube is used to compensate for wide variations in power line voltage. With the addition of an RK-186 converter, the receiver may be operated on 210-250 volts AC or DC. A chassis jack is provided for this converter.

The receiver incorporates α 7 band tuner covering the broadcast band "A band"; two short wave bands, 2-4 mc, and 4-8 mc. "B and C bands"; also four short wave spread bands, 31, 25, 19, and 16 meters. The superheterodyne circuit is used with a tuned R.F. stage preceding the pentagrid converter on all bands; one I.F. stage; a combined AVC, detector, and A.F. stage; and a power amplifier stage. A selenium rectifier is used.

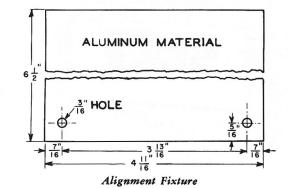
R.F. tuning is done by means of a ganged six section variable capacitor. Three large sections are used for the A, B, and C bands with series tracking capacitors. Also three small 3 plate sections for electrical band spread are used on the four spread bands. The tuner, including the function switch, coil and trimmer assembly, R.F. and converter tubes and gang capacitor, is a completely detachable unit featuring high efficiency with small physical size. The special design permits access to the coil and trimmer adjustments from the rear.

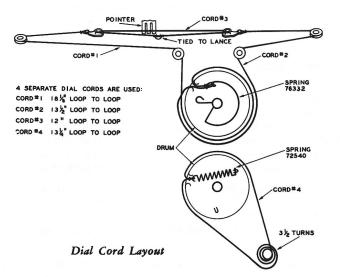
A headphone jack is located on the chassis rear apron for individual listening. This jack automatically disconnects the speaker when the headphone plug is inserted. The slide rule type dial includes 7 separate scales on a slotted escutcheon to provide speaker openings. Continuously variable treble and bass tone controls are provided. This receiver features 3 separate antenna systems. A large flat loop built within the hinged lid includes a primary for external antenna connection, when desired. A Ferrite rod antenna with a long cable and provided with suction.cups to permit mounting on a window or wall for improved pickup in shielded areas is supplied. The preceding antennas are used only on the standard broadcast band. A telescoping vertical rod antenna is provided for use on all short wave bands.

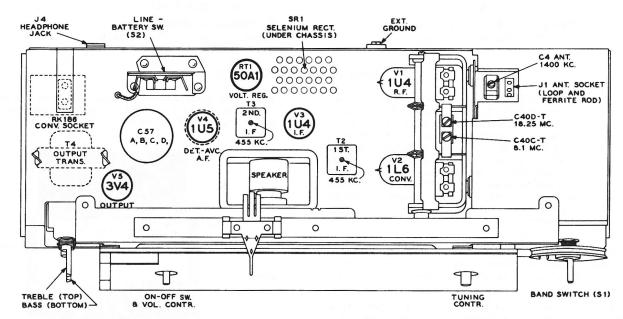
All tubes and the battery may be serviced by opening the hinged back cover. A terminal is provided on the back apron of the cover for an external ground connection, if desired.

Alignment Fixture

To obtain maximum sensitivity when chassis is reinserted in case after alignment, the alignment fixture shown below should be secured to the tuner side of the chassis during alignment to simulate the effect of the case. The sheet metal clips and hardware on the dust cover base may temporarily be used to hold the fixture to the chassis.







Chassis Top View

General Information

AC-DC OPERATION

For 105 to 125 volts, 25-60 cycles AC or 105 to 125 volts DC operation—Be sure that the power line used has the correct voltage and frequency before turning on the receiver. Open case back, remove power cord plug from chassis socket, and insert in outlet. Feed power cord through the notch on the lower right side of the case back.

RK-186 VOLTAGE CONVERTER

For 210 to 250 volts, 25-60 cycles AC or 210 to 250 volts DC operation—Pull open case back and remove L-shaped metal bracket held by single self-tapping screw located between headphone jack and power cord. Insert RK-186 Converter in socket provided with metal tab facing to the rear. Secure RK-186 Converter to chassis by replacing screw through tab hole.

BATTERY OPERATION

Installation of Battery Pack—Insert battery cable plug into battery socket, installing battery pack with plug side facing toward the front.

For Battery Operation—Insert polarized power cord plug all the way into the chassis socket. Store excess power cord neatly to the right side of the battery pack. Close case back securely.

CARE OF INSTRUMENT CASE

To best preserve the appearance and serviceability of the instrument case, keep it clean. For this purpose, any mild soap will do, if applied as a lather and the dirt removed with a dry, clean cloth. Abrasives, commercial cleaning fluids, nail polish remover and the like should not be used.

LINE VOLTAGE COMPENSATOR

A Type 50A1 ballast tube is part of the circuit design in this receiver. Use of this tube permits satisfactory operation on line voltages ranging from 90 volts to 130 volts. The ballast tube provides the necessary compensation without the use of switches or manual adjustments.

USE OF ANTENNAS

Built-In Loop—For Standard Broadcast

Contained in the hinged lid of the case, this antenna is in use as long as it remains plugged into the antenna socket. It is possible to improve reception by rotating the receiver.

Ferrite Rod — For Standard Broadcast — Shielded Areas

To improve reception within steel buildings, automobiles, etc., the ferrite rod antenna may be used. Remove loop antenna plug from its socket. Remove ferrite rod antenna from clips inside back cover, unwind wire extension, and insert cable plug into antenna socket. The ferrite rod antenna may be secured on a window in a horizontal position, by pressing the suction cups firmly against the glass. Reception may be improved by changing the position of the antenna.

External—For Standard Broadcast—Weak Signal Areas

A terminal for outside antenna connection is located on the hinged lid of the case. Connect α 60 to 100 ft. wire to this terminal and suspend the wire in space, at least 50 feet in α horizontal position.

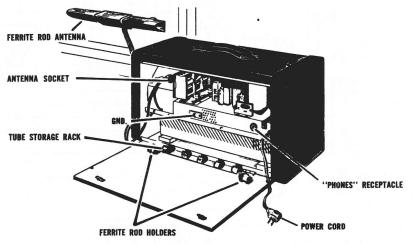
Telescopic Rod-For Short Wave

Concealed within the case on the right, this antenna is used for reception on any one of the six Short Wave bands. To use, grasp antenna top, and pull up antenna sections until a distinct snap or click results. For best reception, all sections should be fully extended.

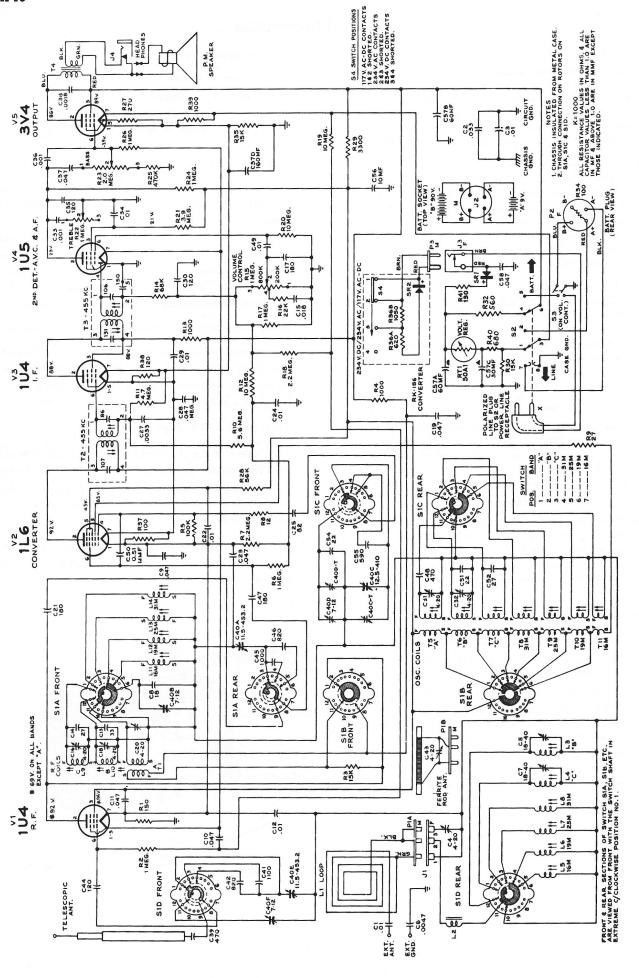
NOTE: Short Wave reception is impossible unless bottom (Satin Finish) section of antenna is snapped into its elevated position.

CHASSIS REMOVAL

- 1. Turn tuning knob until gang is fully closed.
- Open cabinet back, pull out battery, and disconnect battery plug.
- Remove pull-off type volume, tuning, band selector, and tone control knobs.
- Remove the four machine screws holding the chassis to the case.
- 5. Disconnect antenna plugs.
- Pull chassis out and simultaneously slightly downward, to enable dial pointer mechanism to clear top back edge of case.



Rear View



Schematic Diagram

Alignment Procedure

Output Meter Alignment-If this method is used, connect the meter across the voice coil and turn the receiver volume control to maximum.

Test Oscillator-For all alignment operations, connect the low side of the test oscillator to the receiver chassis and keep the oscillator output as low as possible to avoid AVC action.

Close gang and set dial pointer to mark on dial plate. Turn volume and treble tone controls to maximum clockwise position. Turn bass tone control to maximum counterclockwise position. CONNECT HIGH SIDE OF SIG. GEN. TO— ADJUST FOR MAXIMUM SIGNAL DIAL STEP GEN. OUTPUT POINTER SETTING OUTPUT T3 top A" Band 1. and bottom Pin #6 of 1L.6 Conv. thru 0.01 mfd. Quiet cores 455 kc point near 1600 kc T2 top 2. and bottom cores Install bottom cover. Secure aluminum alignment fixture in place. Connect 24 mmfd. in series with 22 ohms between sig. generator lead and C39. 3. 16M Band 18.25 mc *C40D-T 4. Right hand top of gang stop 16M Band 5. 17.5 mc Left Tll Osc. hand stop Rock gang,—Peak L11 R.F. + L5 Ant. 16M Band 6. 17.8 mc 17.8 mc Signal 19M Band 7. 14.9 mc Left T10 Osc. hand stop Rock gang,—Peak L12 R.F. + 19M Band 8. 15.2 mc 15.2 mc Signal L6 Ant. 25M Band 11.55 mc 9. I.eft T9 Osc. hand stop Rock gang,—Peak L13 R.F. + 25M Band 10. 11.8 mc 11.8 mc Signal L7 Ant. 31M Band 11. 9.45 mc Left T8 Osc. hand stop Rock gang,—Peak L14 R.F. + 31M Band C39, term. 12. 9.6 mc 9.6 mc 7 on SID Signal L8 Ant. thru dummy *C40C-T top of gang. C16 R.F. C7 Ant. 'C" Band Right 13. 8.1 mc load hand indicated stop C"Band T7 Osc. L9 R.F. Left 14. 3.9 mc hand L4 Ant. step Repeat steps 13 and 14 until maximum 15. gain is obtained. B" Band Right C32 Osc. C18 R.F. 4.05 mc 16. hand stop C5 Ant. B" Band T6 Osc. L10 R.F. 1.97 mc 17. Left hand stop Repeat steps 16 and 17 until maximum gain is obtained. Remove alignment fixture and install chassis in cabinet. 18. Plug in loop cable. "A" Band 19. 1620 kg Right C31 Osc. hand Short stop A"Band length of C20 R.F. 20. 1400 kc 1400 kc wire C4 Ant. Signal A"Band near Rock gang, -Peak receiver 21. 600 kc Signal T5 Osc. trans., + T1 R.F. 600 kc Repeat steps 19, 20 and 21 until maximum gain is obtained. Exchange loop antenna plug with external Ferrite Rod antenna plug. Extend cable to 22. maximum. 'A" Band C43 Ferrite 23 1400 kc Signal 1400 kc Rod Ant.

*The tuning range and dial calibration of the succeeding bands depend upon the accuracy of this adjustment. Avoid aligning on image. The local oscillator is 455 kc higher in frequency than the RF on all bands.

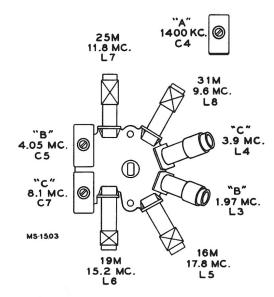
Battery operation of the receiver is preferable during alignment; on AC operation, an isolation transformer (117v./117v.) may be necessary for the receiver if the test oscillator is also AC operated.

Critical Lead Dress

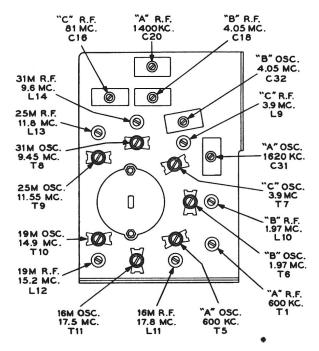
- 1. Dress all filament leads next to chassis.
- 2. Use short pigtail leads on all by-pass and coupling capacitors associated with R.F. circuits.
- Dress gang condenser leads direct and short as possible to switch without strain.
- 4. Connect neutralizing capacitor C50, 0.51 MMFD across converter socket with short leads and away from other
- 5. Dress power line compensator resistor to clear surrounding components and bottom cover.
- Dress coil pigtail leads away from each other and from coils.
- Dress blue converter plate lead down to base.

 Dress volume control leads down to base. 7.

Do not remove any tubes from the chassis with the set operating and the plug connected to the power line. Damage to tubes may result.



Tuner Adjustment Locations-Antenna



Tuner Adjustment Locations-Oscillator and R. F.

Replacement Parts

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

Symbol No.	Stock No.	DESCRIPTION	Symbol No.	Stock No.	DESCRIPTION
	8850	CHASSIS ASSEMBLY	C51	33101	Capacitor—Fixed, ceramic, 22 mmf., ±10%, 500 v.
Cl	73960		C52	72570	Capacitor—Fixed, ceramic, 27 mmf., ±10%, 500 v.
		-0%, 500 v.	C54	33101	Same as C51
C2	73552	Capacitor—Fixed, paper, 0.033 mf., ±10%, 400 v.	C55	74929	Capacitor—Fixed, mica, 590 mmf., ±2%, 500 v.
C3	73960	Same as Cl	C56	78145	Capacitor—Electrolytic, 10 mf., +150 -10%,
C4 C5	78130	Capacitor—Adjustable, mica, 4-20 mmf.	THE STATE OF		150 v.
C6	78132 73920	Capacitor—Fixed, paper, 0.0047 mf., ±20%,	C57A to C57D Incl.	78095	Capacitor—Electrolytic, 60/60/30/160 mi., 350/150/150/25 v.
C7	78132	600 v. Same as C5	C58	73592	Capacitor—Fixed, paper, 0.047 mf., ±20%,
C8	78138	Capacitor—Fixed, ceramic, 18 mmf., ±10%, 500 v.	J1	78133	600 v. Connector——3 contact polarized female
C9, C10	73558	Capacitor—Fixed, paper, 0.047 mf., ±20%, 200 v.	J2		connector for antenna leads Part of battery
C11	73553		13	71040	Connector—2 contact female connector for RK-186 converter
C12	73960		J4	7903	
C13	78140		Li	102036	Jack—Earphone jack See "MISCELLANEOUS"
		500 v.	L2	78129	Coil—Loading coil
C14	78141	Capacitor—Fixed, ceramic, 27 mmf., ±10%,	L3	78123	Coil—Antenna coil—"B" band
		500 v.	L4	78124	Coil—Antenna coil—"C" band
C15	58476	Capacitor—Fixed, paper, 0.018 mf., ±10%,	L5	78128	Coil—Antenna coil—16 meter band
		400 v.	L6	78127	Coil—Antenna coil—19 meter band
C16	78130		L7	78126	Coil—Antenna coil—25 meter band
C17	78139		L8	78125	Coil—Antenna coil—31 meter band
610	=====	±10%, 500 v.	L9	78118	Coil—R.F. coil—"C' band
C18	78130		L10	78117	Coil—R.F. coil—"B" band
C19 C20	73553		Lil	78122	Coil—R.F. coil—16 meter band
C20	78130 78139		L12	78121	Coil—R.F. coil—19 meter band
C22	73960	Same as C17 Same as C1	L13	78120	Coil—R.F. coil—25 meter band
C23	73558	Same as C9	L14 P1A, P1B	78119 78177	Coil—R.F. coil—31 meter band Connector—3 contact polarized male con-
C24	73960	Same as C1	FIR, FIB	70177	nector for antenna loop or ferrite rod an-
C25	102400	Capacitor—Fixed, ceramic, 82 mmf., ±10%, 500 v.	P2	30567	tenna cable Connector—4 contact female battery cable
C26	73153	Capacitor—Fixed, ceramic, 4 mmf., ±10%, 500 v.	RI	00007	connector Resistor—Fixed, composition, 150 ohms,
C27	73795	Capacitor—Fixed, paper, 0.0033 mf., ±10%, 600 v.	R2		±10%, ½ w. Resistor—Fixed, composition, 1.0 megohm,
C28	73558	Same as C9	nz		$\pm 10\%$. ½ w.
C29	73960	Same as Cl	R3		Resistor—Fixed, composition, 15,000 ohms,
C30	78142	Capacitor—Fixed, ceramic, 120 mmf., ±10%, 500 v.	R4		±10%, ½ w. Resistor—Fixed, composition, 1000 ohms,
C31, C32	78131	Capacitor—Adjustable, mica, 4-20 mmf.	144		$\pm 20\%$, ½ w.
C33	75643	Capacitor—Fixed, paper, 0.001 mf., ±20%, 600 v.	R5		Resistor—Fixed, composition, 100,000 ohms. ±10%, ½ w.
C34	73960	Same as Cl	R6		Same as R2
C35	78142	Same as C30	R7		Resistor—Fixed, composition, 2.2 megohm,
C36	75643	Same as C33	to the second	N 1-2 (1)	$\pm 10\%$, ½ w.
C37	73558	Same as C9	R8	HIM U IS	Resistor-Fixed, composition, 12 ohms,
C38	102401	Capacitor—Fixed, paper, 0.0018 mf., $\pm 10\%$, 600 v.	R9		±10%, ½ w. Resistor—Fixed, composition, 27 ohms,
C39	76992	Capacitor—Fixed, mica, 470 mmf., ±20%,	R10	21/55	±10%, ½ w. Resistor—Fixed, composition, 5.6 megohm,
C40A to C40F Incl.	102038	Capacitor—Variable tuning capacitor	R11	30931	±10%, ½ w. Resistor—Fixed, composition, 4.7 megohm,
C41	78144	Capacitor—Fixed, mica, 1100 mmf., ±2%, 500 v.	R12	30331	±10%, ½ w. Resistor—Fixed, composition, 10 megohm,
C42	78143	Capacitor—Fixed, mica, 820 mmf., ±5%, 300 v.	R13		±10%, ½ w. Same as R4
C43	75967	Capacitor—Adjustable, mica, 4-20 mmf.	R13		Resistor—Fixed, composition, 68,000 ohms,
C44 C45	78142 39652	Same as C30 Capacitor—Fixed, mica, 1000 mmf.,	R15	78092	±20%, ½ w. Control—Volume control and "On-Off"
CAC	B0140	±10%, 300 v.	710		switch (S3)
C46	78143	Same as C42	R16	1 12.0	Resistor—Fixed, composition, 22,000 ohms,
C47 C48	78139	Same as C17	D17		±10%, ½ w.
C40	39644	Capacitor—Fixed, mica, 470 mmf., ±5%, 500 v.	R17 R18		Same as R2 Same as R7
C49	73561	Capacitor—Fixed, paper, 0.01 mf., ±10%,	R19, R20		Same as R12
C50	78137	400 v. Capacitor—Fixed, headed lead, 0.51 mf.,	R21		Resistor—Fixed, composition, 3.9 megohm. ±10%, ½ w
		±10% 500 v.	R22	78093	Control—Treble tone control

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

Symbol No.	Stock No.	DESCRIPTION	Symbol No.	Stock No.	DESCRIPTION
R23	78094	Control—Bass tone control		73584	Shield—Tube shield
R24	502510	Same as R2		78134	
R25	502310		1	70134	V1 and V2
		±20%, ½ w. Same as R2		101375	Socket-Tube socket, 7 pin miniature for
R26 R27	502510 502127	Resistor—Fixed, composition, 270 ohms,		100474	V5 Socket—Tube socket, 9 pin miniature for
R28	502356	±10%, ½ w. Resistor—Fixed, composition, 56,000 ohms,		73117	RT1 (ballast tube) Socket—Tube socket, 9 pin miniature, wafer
R29	502233	±10%, ½ w. Resistor—Fixed, composition, 3300 ohms,		72540	for V3 and V4 Spring—Dial cord tension spring—0.190
	502315	±10%, ½ w. Same as R3		76332	O.D. x 5%" free length Spring—Station selector pointer drive cord
R30 R32	512156	Resistor—Fixed, composition, 560 ohms,		70332	spring—Station selector pointer drive cold
		$\pm 10\%$, 1 w.			
R34	502110	Resistor—Fixed, composition, 100 ohms, ±5%, ½ w.			SPEAKER ASSEMBLY
R35		Same as R3 Part of RK-186 Converter		102039	Baffle—Speaker baffle board and grille
R36A, R36B R37	78302 502110	Resistor—Fixed, composition, 100 ohms,			screen assy., less speaker
R38	502112	±10%, ½ w. Resistor—Fixed, composition, 120 ohms.		71851	Grommet—Rubber grommet for speaker mounting
	552112	±10%, ½ w.		78147	Speaker-514" P.M. speaker assy. com-
R39	502210	Same as R4			plete with cone and voice coil (3.2 ohms)
R40	102031	Resistor—Fixed, wire wound, 680 ohms, ±5%, 4 w.			MISCELLANEOUS
R41	102025	Resistor—Fixed, wire wound, 130 ohms, ±5%, 5 w.			Control of the second
RT1 S1A to S1D Incl.	102684 78106	Tube—Ballast tube, type 50Ål Switch—Range switch	Li	102036 78196	covering
S2	38905	Switch—D.P.D.T. battery switch (includes connector—38904)		78641 78643	
S3	78092	Part of R15		B0044	plete with spring and bearing
SRI	78101	Rectifier—Selenium rectifier		78644	Arm—Cabinet lid arm and lead (L.H.) com- plete with spring and bearing
T1		Coil—R.F. coil—"A" band		102040	Back—Aluminum back case assy. with
T2	74918	Transformer—1st l.F. transformer		102010	catches—brown vinyl covering
T3 T4	73037 78100	Transformer—2nd I.F. transformer Transformer—Output transformer		78189	Bearing—Case lid bearing (2 required)
T5	78100	Coil—Oscillator coil—"A" band		78158	Bearing—Phenolic tubular bearing for tele-
T6	78110	Goil—Oscillator coil—"B" band			scopic antenna
T7	78111	Coil—Oscillator coil—"C" band		78174	Bracket—"U" shape bracket (clevis) for
T8	78112	Coil—Oscillator coil—31 meter band			carrying handle links (2 required)
T 9	78113	Coil—Oscillator coil—25 meter band		102029	Bumper—Rubber bumper for case back (2
T10 T11	78114 78115	Coil—Oscillator coil—19 meter band Coil—Oscillator coil—16 meter band		102026	required) Bushing—Nylon bushing for chassis mount-
				79808	ing (4 required) Cable—Ferrite rod antenna cable assembly
1 _ =		Cord—Station selector or band indicator pointer drive cord (250' in spool)			with 3 contact polarized male connector (P1-B)
-	79351 38904	Cornector 2 contact tomals cornector (re		102022	Cap—Plastic cap—brown—for telescopic
	30304	Connector—2 contact female connector (receptacle for line cord) (Part of S2)		102318	antenna Case—Aluminum case only—less sides,
	73935 78097	Clip—I.F. transformer mounting clip		102316	handle, links, feet, front, lid and back
		Eyelet—Station selector pointer drive cord connecting eyelet		102034	cover assy.—brown covered Case—Case side assy.—L.H.—brown plas-
		Grommet—Rubber grommet for mounting gang capacitor		102035	tic—with suntan vinyl strap Case—Case side assy.—R.H.—brown plas-
	74838	Grommet—Strain relief grommet for power cord		102370	tic—with suntan vinyl strap Case—Case only—for ferrite rod antenna
	102030	Guide—Station selector pointer guide rail and pulley assy.		78186	—brown plastic Case—Case back catch—part of case back
= = = = = = = = = = = = = = = = = = = =	78103	Nut—Speednut (twin type) to fasten pointer bracket		78170	assy.
	18469	Plate—Phenolic mounting plate for electro- lytic capacitor		78411	Catch—Case lid catch (top and bottom) Clip—Clip for case catch—bottom (2 required)
1 1	78087 102043	Pointer—Station selector pointer Pulley—Drive cord pulley (part of pointer		78163	Contact—Formed spring clip and contact for telescopic antenna
1					101 reservoir amening
	102J23	guide rail) Shaft—Tuning control knob shaft		102032	Cover—Bottom cover for ferrite antenna rod

Replacement Parts

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

Symbol No.	Stock No.	DESCRIPTION	Symbol No.	Stock No.	DESCRIPTION
	78159	Cushion—Adhesive cushion for bottom of antenna bearing		78172	Plate—Mounting plate for carrying handle (2 required)
	78194	Cushion—Rubber cushion (½" x 0.328" I.D. x 1:½16" O.D.) for ferrite rod antenna		78192	Plate—Phenolic plate for ferrite rod antenna trimmer capacitor
		(2 required)		78180	Rack—Spare tube rack
	78193	Cushion—Rubber spacer cushion (1/8" x 1:3/16" diameter for ferrite rod antenna)		75959	Screw—#4 x ½" tapping screw for mounting arm and lead assy. to lid
	102042	Dial—Dial scale—dark gray—less escutch- eon		78183	
	101989	Emblem—RCA trademark emblem		78188	
	102037	Escutcheon—Dial scale escutcheon—less		78633	- F
	78169	dial FootRubber foot (4 required)		101069	
	102027	Grommet Nylon grommet for mounting		78168	
	102027	radio chassis to case sides (4 required)		, , , ,	quired)
	102028	Grommet—Nylon grommet for mounting dial and escutcheon assy, to case sides		78161	Support—Telescopic antenna bearing sup- port
	102018	Grommet—Rubber grommet for telescopic		57224	Terminal—Spade terminal for antenna lead
		antenna bearing		77467	
	102033	Handle—Carrying handle—brown plastic simulated cowhide grain and stitching		78152	knobs
	78156	Hinge Hinge for back cover (2 required)		102019	
	78167	Insulator—Nylon insulator for case lid	1		case lid pivot (2 required)
	78149	Knob-Bass tone control knob with spring		102021	Washer—Vellutex washer, ½" O.D. x 0.250
	78151 78150	Knob—Range switch knob with spring Knob—Treble tone control knob with spring			I.D. x $\frac{1}{32}$ " thk. for mounting catch (2 re-
	78148	Knob—Treble tone control knob with spring Knob—Tuning control or volume control			quired)
	70110	knob with spring			RK-186
	78171	Latch-Latch for back cover			CONVERTER ASSEMBLY
	102024	Link—Carrying handle link (2 required)			
	78414	MapWorld map and time chart (for case	P3	78303	Connector—2 contact male
		lid)	R36A, R36B	78302	Resistor—Fixed, wire wound, 620 ohms, 10
1	74809	Nameplate—"RCA Victor" nameplate	S4	78304	watt and 1050 ohms, 5 watt Switch—Voltage change switch
	73203	Nut—Speednut, retainer for nameplate (3	SR2	77958	Rectifier—Selenium rectifier
		required)	SR2	77958	Rectines—Seteman rectines

All parts subject to change or withdrawal without notice.

Only items listed under Stock Numbers are available as Replacement Parts,