

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

**Model:** 3-BX-671

**Chassis:**

**Year:** Pre 1955

**Power:**

**Circuit:**

**IF:**

**Tubes:**

**Bands:**

### Resources

[Riders Volume 23 - RCA 23-59](#)

[Riders Volume 23 - RCA 23-60](#)

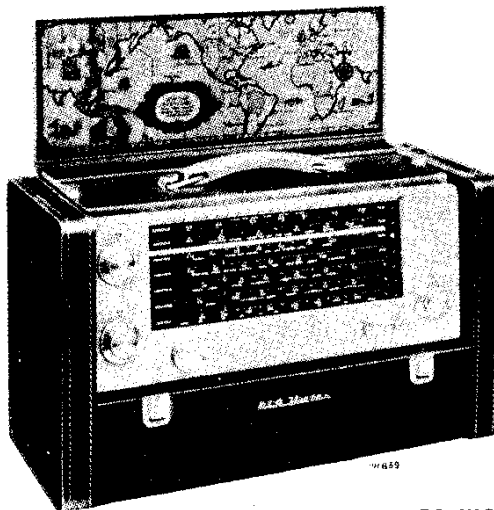
[Riders Volume 23 - RCA 23-61](#)

[Riders Volume 23 - RCA 23-62](#)

[Riders Volume 23 - RCA 23-63](#)

[Riders Volume 23 - RCA 23-64](#)

MODEL 3-BX-671,  
Ch. RC-1125



THE STRATO-WORLD

### Specifications

<b>Tuning Ranges</b>	
Standard Broadcast "A" Band	540-1600 kc
"B" Band	2.0-4.0 mc
"C" Band	4.0-8.0 mc
31 Meter Spread Band	9.45- 9.85 mc
25 Meter Spread Band	11.55-12.05 mc
19 Meter Spread Band	14.90-15.55 mc
16 Meter Spread Band	17.50-18.20 mc
Intermediate Frequency	455 kc
<b>Power Supply Rating</b>	
115 volts, d.c., or 25 to 60 cycles a.c.	20 watts
or	
Battery Operation	using RCA VS047 Battery
Battery voltage	"A" 9 volts, "B" 90 volts
Battery current	"A" 56 ma., "B" 14.5 ma.
or	
230 volts d.c., or 25 to 60 cycles a.c. using	
RK-186 Converter Accessory	

<b>Tube Complement</b>	
(1) RCA 1U4	R.F. Amplifier
(2) RCA 1L6	Converter
(3) RCA 1U4	I.F. Amplifier
(4) RCA 1U5	Det.-AVC-1st A.F.
(5) RCA 3V4	Output
RCA Stock No. 78101	Selenium Rectifier
<b>Loudspeaker</b>	
Size and Type	5¼ in. P.M.
Voice coil impedance	3.2 ohms at 400 cycles
<b>Power Output</b>	
Undistorted	0.22 watt
Maximum	0.42 watt
Tuning Drive Ratio	11½:1
<b>Weight (Approximate)</b>	
Less Battery	16 lbs.
With Battery (RCA VS047)	23 lbs.
<b>Dimensions (Overall)</b>	
Height 11½ in.	Width 17½ in.      Depth 8 in.

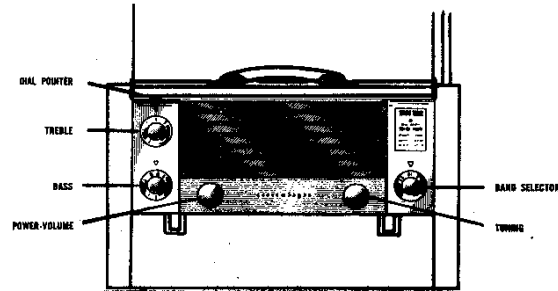
### Operating Instructions

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 red triangle. A white indicator will appear at right of desired band on dial. 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 counter-clockwise.

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. "GND" connection is not necessary when operating on power line.



Operating Controls

MODEL 3-BX-671,  
Ch. RC-1125

**Circuit Description**

The seven band 3BX671 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. 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 a 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.

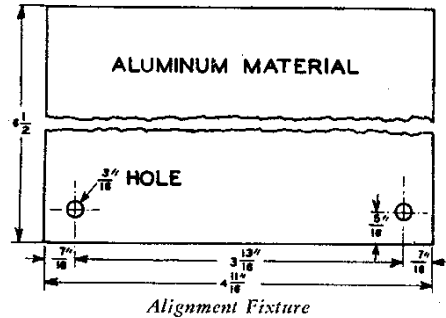
R.F. tuning is done by means of a ganged six section variable capacitor. Three large sections are used for the A, B, and C bands with series tracking capacitors. Also, three small 3 plate sections for electrical band spread are used on the four spread bands. The tuner, including the function switch, 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. A line voltage compensator switch is mounted on the chassis rear apron under a caution label of instructions. The switch is to be used only in areas of sub-standard line voltage.

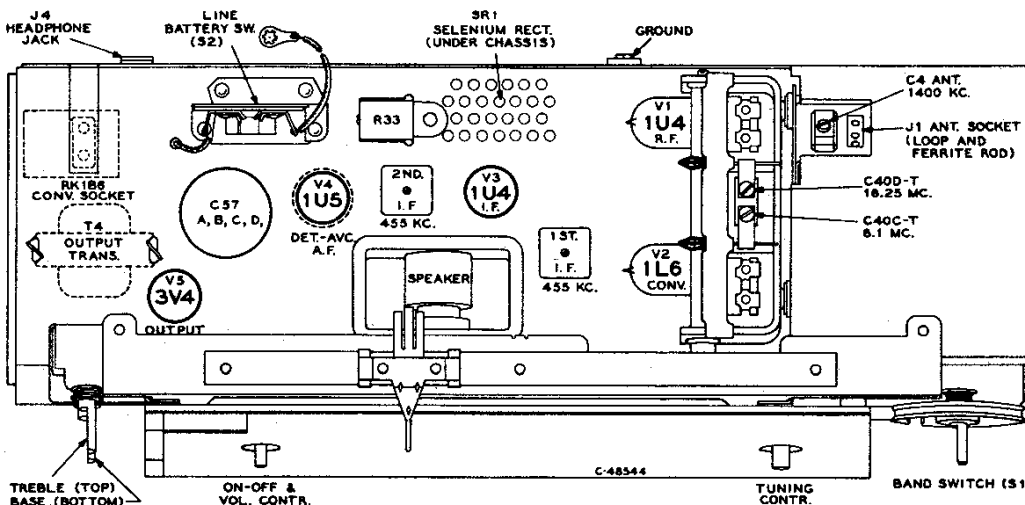
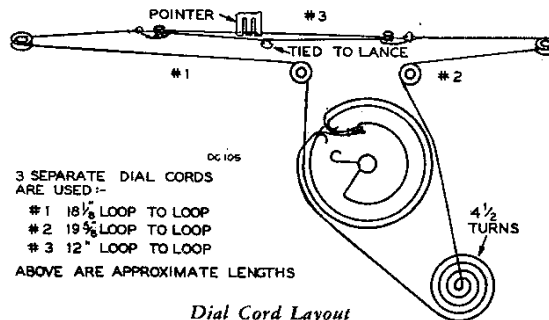
**Alignment Fixture**

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 REMOVAL**

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



Chassis Top View

### 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.

STEP	CONNECT HIGH SIDE OF SIG. GEN. TO—	SIGNAL GEN. OUTPUT	DIAL POINTER SETTING	ADJUST FOR MAXIMUM OUTPUT	
1.	Pin #6 of 1U4 I.F. Amp. thru 0.01 mfd.	455 kc	"A" Band Quiet point near 1600 kc	T3 top and bottom cores	
2.	Pin #6 of 1L6 Conv. thru 0.01 mfd.		T2 top and bottom cores		
3.	Install bottom cover. Secure aluminum alignment fixture in place. Connect 24 mmfd. in series with 22 ohms between sig. generator lead and C39.				
4.	C39, term. 7 on S1D thru dummy load indicated	18.25 mc	16M Band Right hand stop	*C40D-T top of gang	
5.		17.5 mc	16M Band Left hand stop	T11 Osc.	
6.		17.8 mc	16M Band 17.8 mc Signal	Rock gang, —Peak L11 R.F. + L5 Ant.	
7.		14.9 mc	19M Band Left hand stop	T10 Osc.	
8.		15.2 mc	19M Band 15.2 mc Signal	Rock gang, —Peak L12 R.F. + L6 Ant.	
9.		11.55 mc	25M Band Left hand stop	T9 Osc.	
10.		11.8 mc	25M Band 11.8 mc Signal	Rock gang, —Peak L13 R.F. + L7 Ant.	
11.		9.45 mc	31M Band Left hand stop	T8 Osc.	
12.		9.6 mc	31M Band 9.6 mc Signal	Rock gang, —Peak L14 R.F. + L8 Ant.	
13.		8.1 mc	"C" Band Right hand stop	*C40C-T top of gang, C16 R.F. C7 Ant.	
14.		3.9 mc	"C" Band Left hand stop	T7 Osc. L9 R.F. L4 Ant.	
15.		Repeat steps 13 and 14 until maximum gain is obtained.			
16.		4.05 mc	"B" Band Right hand stop	C32 Osc. C18 R.F. C5 Ant.	
17.		1.97 mc	"B" Band Left hand stop	T6 Osc. L10 R.F. L3 Ant.	
18.	Repeat steps 15 and 17 until maximum gain is obtained. Remove alignment fixture and install chassis in cabinet. Plug in loop cable.				
19.	Short length of wire near receiver	1620 kc	"A" Band Right hand stop	C31 Osc.	
20.		1400 kc	"A" Band 1400 kc Signal	C20 R.F. C4 Ant.	
21.		600 kc	"A" Band 600 kc Signal	Rock gang, —Peak T5 Osc. trans. + T1 R.F.	
22.	Repeat steps 19, 20 and 21 until maximum gain is obtained. Exchange loop antenna plug with external Ferrite Rod antenna plug. Extend cable to maximum.				
23.	1400 kc	"A" Band 1400 kc Signal	C43 Ferrite 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.

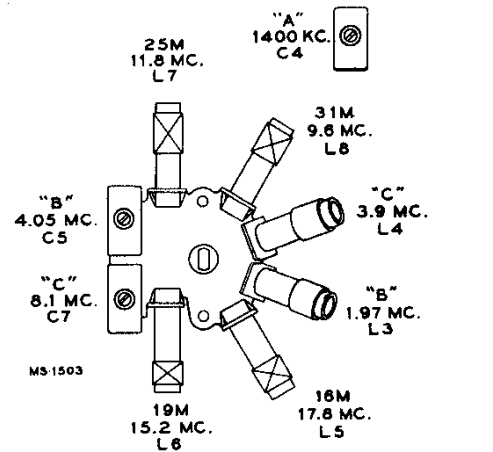
Battery operation of the receiver is preferable during alignment; on AC operation, an isolation transformer (117v./117v.) may be necessary for the receiver if the test oscillator is also AC operated.

### Critical Lead Dress

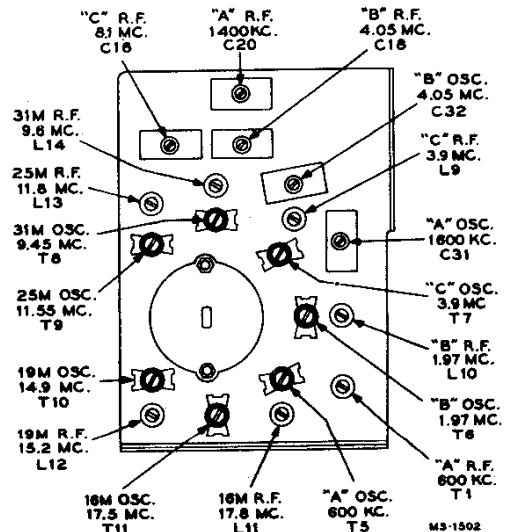
1. Dress all filament leads next to chassis.
2. Use short pigtail leads on all by-pass and coupling capacitors associated with R.F. circuits.
3. Dress gang condenser leads direct and short as possible to switch without strain.
4. Connect neutralizing capacitor C50, 0.51 MMFD across converter socket with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

### CAUTION—

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.

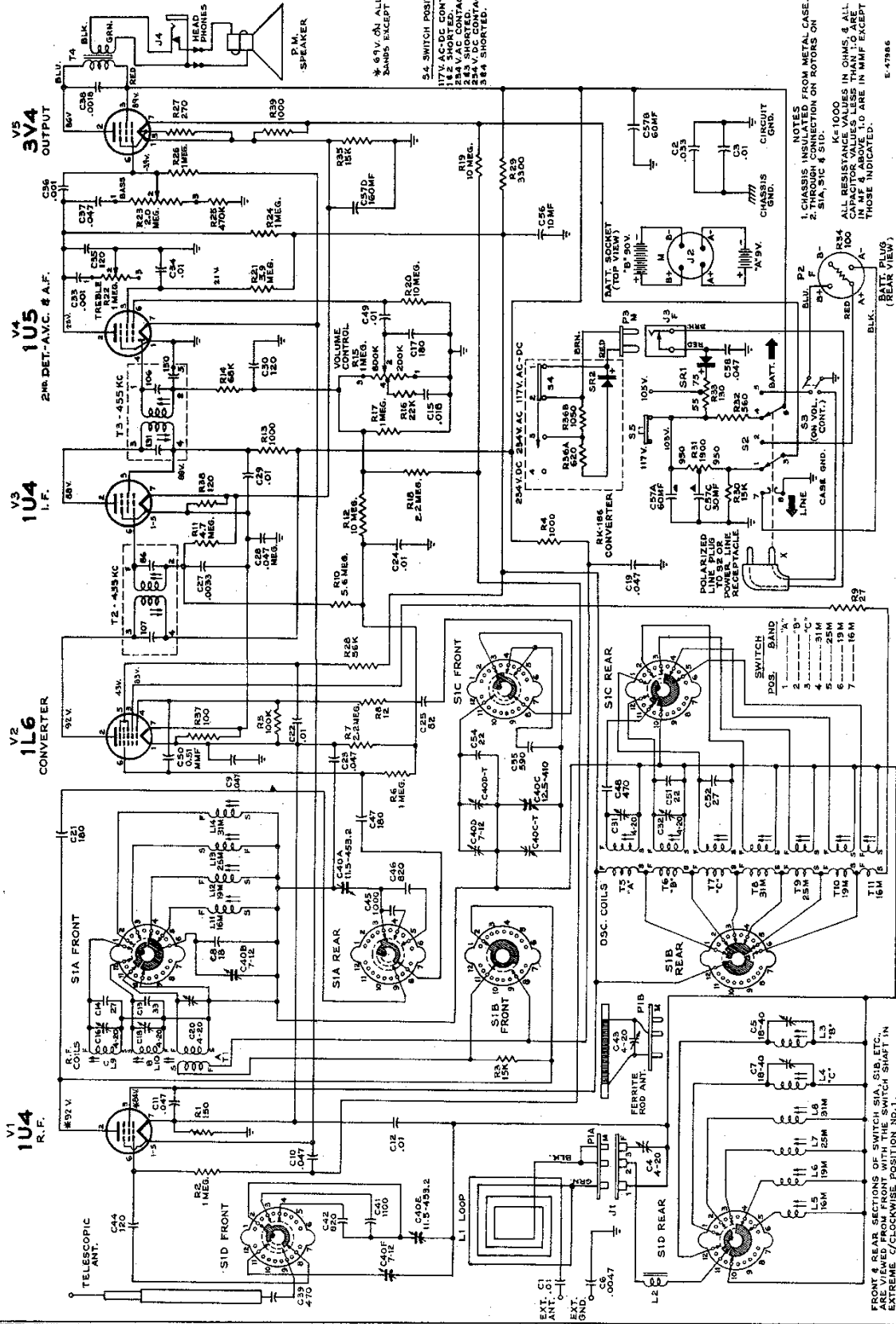


Tuner Adjustment Locations—Antenna



Tuner Adjustment Locations—Oscillator and R.F.

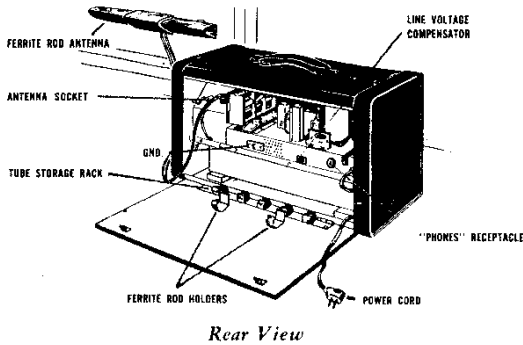
CH. RC-1125



Schematic Diagram—Chassis No. RC-1125

MODEL 3-BX-671,  
Ch. RC-1125

General Information



Rear View

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.

Should leather become dry from cleaning or aging, the natural oils should be replaced. For restoration purposes, a number of applications of 10 to 20 per cent of sulfonated castor, or neatsfoot, or cod oil may be made as required.

LINE VOLTAGE COMPENSATOR

Weak reception may result from sub-normal power line voltage. If determined as the cause (check voltage rating with power company), the Line Voltage Compensator is provided to improve reception by switching to "LOW LINE VOLTAGE" position. To use, break the caution label seal, and move the switch slot to the right. Use of this feature is not recommended unless the line voltage is 105 volts or less.

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—Low Signal/Noise 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 spring 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 a wire to this terminal and suspend approximately 60 to 100 feet in space, at least 50 feet in a 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, press release button on lower right side of case, and antenna top will appear above its opening. 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.

Stock No.	DESCRIPTION	Stock No.	DESCRIPTION
	<b>CHASSIS ASSEMBLIES</b> RC 1125		
78135	Board—Baffle board and grille screen less speaker	78140	33 mmf., ±10%, 500 volts (C13)
78104	Board—"Gnd" board	78142	120 mmf., ±10%, 500 volts (C50, C35, C44)
78081	Bushing—Fibre bushing for chassis mounting shelf	78137	Capacitor—Fixed, headed-lead—
78108	Capacitor—Variable tuning capacitor complete with drive drum (C40A, C40E, C40C, C40D, C40E, C40F, C40C-T, C40D-T)	39644	.051 mmf., ±10%, 500 volts (C50)
78146	Capacitor—Capacitor (82 mmf.) and resistor (12 ohms) assembly (C25, R8)	76932	Capacitor—Fixed, mica—
	Capacitor—Adjustable, mica—	470 mmf., ±5%, 500 volts (C48)	
78130	4-20 mmf. (C4, C16, C18, C20)	76932	470 mmf., ±20%, 300 volts (C39)
78131	4-20 mmf. (C31, C32)	74929	590 mmf., ±2%, 500 volts (C55)
78132	20-50 mmf. (C5, C7)	78143	820 mmf., ±5%, 300 volts (C42, C46)
73960	Capacitor—Fixed, ceramic, High "K" disc—	39652	1000 mmf., ±5%, 300 volts (C45)
	10,000 mmf., +100%, -0%, 500 volts (C, C12, C22, C24, C29, C34)	78144	1100 mmf., ±2%, 500 volts (C41)
	Capacitor—Fixed, ceramic, non-insulated:		Capacitor—Electrolytic comprising—
33101	22 mmf., ±10%, 500 volts	78035	1 section of 60 mfd., 350 volts, 1 section of 60 mfd., 150 volts, 1 section of 160 mfd., 25 volts (C57A, C57B, C57C, C57D)
72570	Temp. coef. = -750 (C51, C54)		Capacitor—Fixed, electrolytic—
	27 mmf., ±10%, 500 volts	78145	10 mfd., 150 volts (C56)
	Temp. coef. = -750 (C52)		Capacitor—Fixed paper moulded—
	Capacitor—Fixed, ceramic, insulated, High "K" type:	75643	.001 mfd., 1000 volts (C33, C36)
78138	18 mmf., ±10%, 500 volts (C8)	73851	.0018 mfd., 1600 volts (C38)
78139	180 mmf., ±10%, 500 volts (C17, C21, C47)	73795	.0033 mfd., 600 volts (C27)
	Capacitor—Fixed, ceramic, non-insulated, High "K" type—	73920	.0047 mfd., 600 volts (C6)
78141	27 mmf., ±10%, 500 volts (C14)	73561	.01 mfd., 400 volts (C49)
		58476	.018 mfd., 400 volts (C15)
		73552	.033 mfd., 400 volts (C2)
		73558	.047 mfd., 200 volts (C9, C10, C23, C28, C37)
		73553	.047 mfd., 400 volts (C11, C19)
		73592	.047 mfd., 600 volts (C58)
		73935	Clip—Mounting clip for I.F. transformer

MODEL 3-BX-671,

Ch. RC-1125

Stock No.	DESCRIPTION	Stock No.	DESCRIPTION
78123	Coil—Antenna coil—"B" band (L3)	74918	Transformer—1st I.F. transformer complete with adjustable core (T2)
78124	Coil—Antenna coil—"C" band (L4)	73037	Transformer—2nd I.F. transformer complete with adjustable core (T3)
78128	Coil—Antenna coil—16 meter band (L5)	78100	Transformer—Output transformer (T4)
78127	Coil—Antenna coil—19 meter band (L6)	33726	Washer—"C" washer for tuning knob shaft
78126	Coil—Antenna coil—25 meter band (L7)	<b>SPEAKER ASSEMBLIES</b>	
78125	Coil—Antenna coil—31 meter band (L8)	74378	Gasket—Rubber gasket (3/4") for speaker
78123	Coil—Loading coil (L2)	78147	Speaker—5/4" P.M. speaker complete with cone and voice coil (3.2 ohms)
78109	Coil—Oscillator coil—"A" band (T5)	<b>MISCELLANEOUS</b>	
78110	Coil—Oscillator coil—"B" band (T6)	78196	Antenna—Ferrite rod antenna complete with winding
78111	Coil—Oscillator coil—"C" band (T7)	78187	Antenna—Lid and antenna loop assembly complete (L1, C1)
78115	Coil—Oscillator coil—15 meter band (T11)	78157	Antenna—Telescopic antenna
78114	Coil—Oscillator coil—19 meter band (T10)	78184	Back—Case back complete
78113	Coil—Oscillator coil—25 meter band (T9)	78158	Bearing—Bearing (phenolic tube) for telescopic antenna
78112	Coil—Oscillator coil—31 meter band (T8)	78183	Bearing—Case lid bearing
78116	Coil—RF coil—"A" band (T1)	78174	Bracket—"U" shape bracket (clevis) for carrying handle links
78117	Coil—RF coil—"B" band (L10)	78166	Button—Telescopic antenna push button
78118	Coil—RF coil—"C" band (L9)	78165	Cap—Telescopic antenna screw-on cap
78122	Coil—RF coil—16 meter band (L11)	75967	Capacitor—Adjustable, mica, 4.20 mmf. (C43)
78121	Coil—RF coil—19 meter band (L12)	78190	Case—Case only for ferrite rod antenna
78120	Coil—RF coil—25 meter band (L13)	78153	Case—Case less sides, handle, links, feet front and back cover
78119	Coil—RF coil—31 meter band (L14)	78170	Catch—Case catch
7903	Connector—Earphone jack (J4)	78186	Catch—Case back catch—part of case back
71040	Connector—2 contact female connector for 220 volt operation (J3)	78185	Clip—Mounting clip for ferrite rod antenna
38904	Connector—2 contact female connector for AC line cord	78411	Clip—Clip for case catch—bottom
78133	Connector—3 contact female connector for antenna leads (J1)	78177	Connector—3 contact male connector for antenna loop and for ferrite rod antenna (PIA, PIB)
30567	Connector—4 contact female connector for battery cable (P2)	78162	Contact—Bottom contact for telescopic antenna
78094	Control—Bass tone control (R23)	78163	Contact—Formed spring clip and contact for telescopic antenna—upper
78093	Control—Treble tone control (R22)	78164	Contact—Lower contact and push button catch
78092	Control—Volume control and power switch (R15, S3)	78195	Cover—Bottom cover for ferrite rod antenna
70022	Cord—Power cord and plug	78191	Cup—Suction cup for ferrite rod antenna case
*72953	*Cord—Station selector pointer drive cord (approx. 15" overall)	78159	Cushion—Adhesive cushion for bottom of antenna bearing
72953	Cord—Station selector pointer drive cord (approx. 22" overall)	75470	Cushion—Rubber cushion for battery support
72953	Cord—Station selector pointer or band indicator pointer drive cord (approx. 24" overall)	78193	Cushion—Rubber spacer cushion (1/2" x 13/16" dia.) for ferrite rod antenna
78242	Cushion—Rubber cushion for baffle board (4 1/2" long)	78194	Cushion—Rubber spacer cushion (1/2" x .328" I.D. x 13/16" O.D.) for ferrite rod antenna
78105	Cushion—Rubber cushion for baffle board (10 1/2" long)	78181	Dial—Dial scale less escutcheon
78097	Eyelet—Station selector pointer drive cords connecting eyelets	77012	Emblem—"RCA Victor" emblem
74838	Grommet—Power cord strain relief (1 set)	78182	Escutcheon—Dial scale escutcheon less dial
16058	Grommet—Rubber grommet for mounting gang capacitor	78169	Foot—Rubber foot
71851	Grommet—Rubber grommet for speaker mounting	78173	Handle—Carrying handle
78096	Guide—Station selector pointer guide rail and pulley assembly	78156	Hinge—Hinge for back cover (2 req'd)
78099	Nut—Speed nut for tuner shield	78167	Insulator—Nylon insulator for case lid
78098	Nut—Speed nut for baffle board mounting (4 req'd) or for tuner shield	78171	Latch—Latch for back cover
78103	Nut—Speed nut (twin type) to fasten pointer bracket	78187	Lid—Case lid and antenna loop assembly (L1, C1)
18469	Plate—Bakelite mounting plate for electrolytic	78155	Link—Carrying handle link
78090	Pointer—Band indicator pointer	78175	Knob—Bass tone control knob
78087	Pointer—Station selector pointer	78151	Knob—Range switch knob
78107	Pulley—Band indicator drive pulley and knob assembly	78150	Knob—Treble tone control knob
72502	Pulley—Drive cord pulley—part of pointer guide rail or for station selector pointer drive cord pulley	78148	Knob—Tuning control or volume control and power switch knob
78101	Rectifier—Selenium rectifier (SR1)	78414	Map—World map and time chart
78136	Resistor—Wire wound:— comprising 1 section of 75 ohms, 5 watts and 1 section of 55 ohms, 5 watts (R33)	73203	Nut—Speed nut to fasten "RCA Victor" emblem
78102	Resistor—Fixed, composition:— dual 950 ohms, 3 1/2 watts (R31)	78192	Plate—Bakelite plate for ferrite rod antenna trimmer capacitor
503027	27 ohms, ±10%, 1/2 watt (R9)	78172	Plate—Mounting plate for carrying handle
503110	100 ohms, ±10%, 1/2 watt (R34, R37)	78180	Rack—Spare tube rack
503112	120 ohms, ±10%, 1/2 watt (R38)	78183	Screw—#4-40 x 1/4" cross recessed flat head tapping screw to fasten dial to escutcheon
503113	150 ohms, ±10%, 1/2 watt (R1)	77974	Side—Case side—L.H.—complete with leather belting
503127	270 ohms, ±10%, 1/2 watt (R27)	77975	Side—Case side—R.H.—complete with leather belting
513156	560 ohms, ±10%, 1 watt (R32)	78188	Spring—Case lid spring
503210	1000 ohms, ±10%, 1/2 watt (R4, R13, R39)	78160	Spring—Push-up spring for telescopic antenna
503233	3300 ohms, ±10%, 1/2 watt (R29)	74734	Spring—Spring clip for control knobs
503315	15,000 ohms, ±10%, 1/2 watt (R3, R30, R35)	78154	Strap—Leather strap for R.H. case side
503322	22,000 ohms, ±10%, 1/2 watt (R16)	78155	Strap—Leather strap for R.H. case side
503356	56,000 ohms, ±10%, 1/2 watt (R28)	78413	Strap—Strap for holding ferrite rod antenna lead
503368	68,000 ohms, ±10%, 1/2 watt (R14)	78168	Support—Battery support (wood)
503410	100,000 ohms, ±10%, 1/2 watt (R5)	78161	Support—Telescopic antenna bearing support—at top of antenna
503447	470,000 ohms, ±10%, 1/2 watt (R25)	77467	Washer—Felt washer for knob
503510	1 megohm, ±10%, 1/2 watt (R2, R6, R17, R24, R26)	78152	Washer—Insulating washer for control knobs
503522	2.2 megohm, ±10%, 1/2 watt (R7, R18)	78176	Washer—Insulating washer for case lid pivot
503539	3.5 megohm, ±10%, 1/2 watt (R21)	78179	Washer—Vellutex washer for dial and bezel mounting
503547	4.7 megohm, ±10%, 1/2 watt (R11)	78412	Washer—Vellutex washer for case catch clip
503556	5.6 megohm, ±10%, 1/2 watt (R10)	<b>RK 186 CONVERTER</b>	
503610	10 megohm, ±10%, 1/2 watt (R12, R19, R20)	78303	Connector—2 contact male connector (P3)
78088	Shaft—Tuning knob shaft	77936	Rectifier—Selenium rectifier (SR2)
78089	Shield—Bakelite shield for tuner unit	78302	Resistor—Wire wound, comprising:— 1 section of 620 ohms, 10 watts, and 1 section of 1050 ohms, 5 watts (R36)
73584	Shield—Tube shield	78304	Switch—Voltage change switch (S4)
78134	Socket—Tube socket, miniature, 7 pin, floating		
73117	Socket—Tube socket, miniature, 9 pin, wafar		
74305	Spring—Band indicator pointer drive cord spring		
76332	Spring—Station selector pointer drive cord spring		
71039	Switch—Battery switch (S2)		
78096	Switch—Weak signal area switch (S5)		
78106	Switch—Range switch (S1)		

\*Note:—72953 is a spool containing 250 ft. of cord.