

**operating instructions  
for portable radio  
models 5R41 & 5R42**

**the hallicrafters co.**

MANUFACTURERS OF RADIO, TELEVISION AND ELECTRONIC EQUIPMENT, CHICAGO 24, U. S. A.

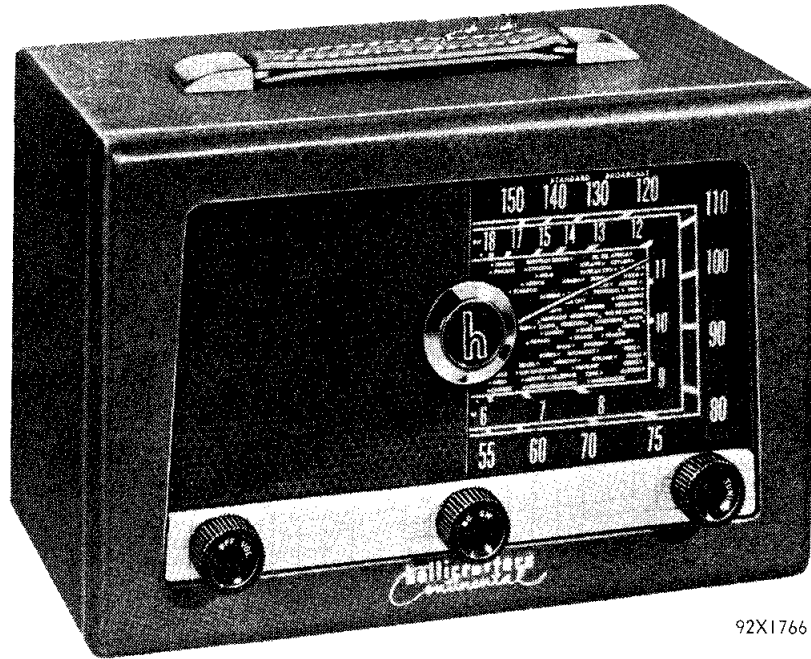
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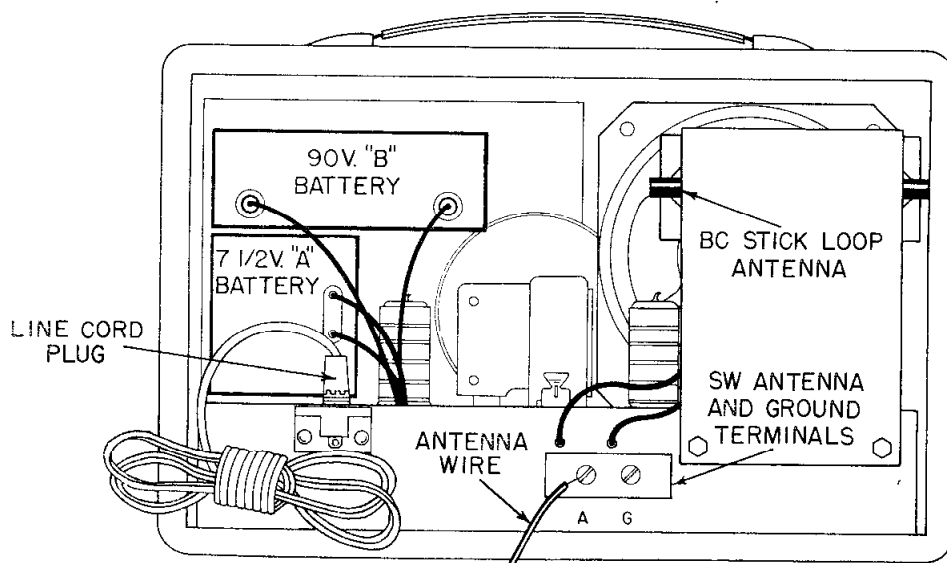


92X1766

**Fig. 1. Front View**

## GENERAL DESCRIPTION

Your new Hallicrafters portable radio is designed to bring you outstanding reception of all standard broadcast programs as well as thrilling shortwave reception. On the shortwave band from 5.8 to 18.3 megacycles, you'll hear foreign and domestic shortwave broadcasts, ships, planes, amateurs, and countless other exciting distant stations. Four tubes and a selenium rectifier assure instant reception on batteries or 105 to 120 volt AC or DC current. Quick and easy operation is afforded by a minimum of controls and the large, modern overseas dial with foreign stations clearly marked for quick tuning. A highly sensitive loop antenna, completely concealed within the cabinet, permits clearer reception and eliminates the need for an external antenna for standard broadcast reception. For shortwave reception, the 15-foot antenna included with your set will provide excellent results in most localities.



**Fig. 2. Back Removed**

92C1762 B

# OPERATING INSTRUCTIONS

## BATTERY OPERATION

1. Remove back of case by unfastening leather strap and pulling outward at top.
2. Install batteries in compartment at left side of case and insert battery connectors into receptacles provided on batteries.
3. Insert LINE CORD PLUG into CHASSIS RECEPTACLE on top of chassis (see Fig. 2).
4. To replace back—first insert bottom edge of back into groove in case, then push top in place.

**IMPORTANT**—When set is not to be used for an extended period, remove batteries and replace when needed. Never leave run-down batteries in case, as the batteries may leak or swell and damage the set.

## AC/DC OPERATION (105-120 Volts DC or 50/60 Cycles AC)

1. Insert line cord plug in a convenient power outlet.
2. On DC, reverse plug if radio does not operate after having been turned ON. On DC, the set will operate ONLY with the plug in one position.

**TUNING DIAL**—The outer dial scale is the standard broadcast band, calibrated in kilocycles minus the last zero. To convert the dial reading to kilocycles, simply add one zero. The inner dial scale is the shortwave band. The readings on this band are in megacycles.

## NOTE

The standard broadcast band on your radio is marked with a "CD" emblem at 640 and 1240 kilocycles (64 and 124 on the dial) to indicate the two official civil defense frequencies. In a civil defense emergency, tune to either of the two frequencies for official civil defense news, instructions, and information.

**ANTENNA**—No external antenna is necessary for broadcast reception since a built-in loop antenna is provided in the set. Inasmuch as this type of antenna is somewhat directional, rotation of the set may improve reception of some broadcast stations.

For shortwave reception, simply attach the 15-foot antenna included with your set to the terminal marked "A" at the rear. (See Fig. 2.) Run this wire about the room in any convenient manner. If the radio is operated in a steel constructed building or where receiving conditions are exceptionally poor, an outside antenna may be necessary. In some locations, shortwave reception may be improved by connecting a ground wire (ordinary copper wire) from the terminal marked "G" at the rear to a cold water pipe or outside ground rod.

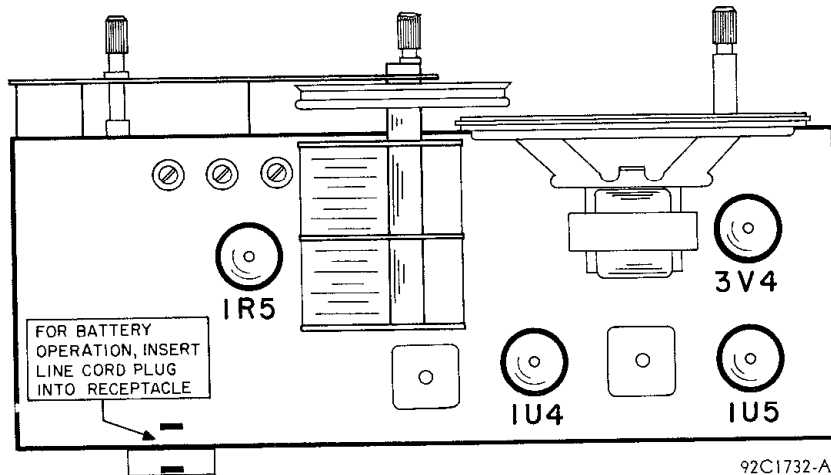
**BC-SW CONTROL**—Set this control at "BC" to tune the standard broadcast band or at "SW" to tune the shortwave band.

**OFF-VOLUME CONTROL**—Turn this control clockwise to turn the radio on and to increase volume.

**TUNING CONTROL**—Turn this control slowly to the desired station. After the station has been accurately tuned in, reset the VOLUME control as desired. To turn the radio off, simply rotate the VOLUME control fully counterclockwise (until a click is heard.)

## REPLACEMENT BATTERIES

Type	Hall-crafters	General	RCA	Burgess	Eveready	Ray-O-Vac
7½ volt "A"	P-13	3i	VS065	C5	717	P751
90 volt "B"	P-231	132	VS090	N60	490	4390



**Fig. 3. Tube Location**

**SERVICE OR OPERATING QUESTIONS**—For any further information regarding operation or servicing of your radio, contact your Hallicrafters dealer. The Hallicrafters Co. maintains an extensive system of authorized service centers where any required service will be performed promptly and efficiently at a nominal charge. All Hallicrafters Authorized Service Centers display the sign shown at the right. For the location of the one nearest you, consult your dealer or telephone directory.



92X1401-R

## Warranty

“This product is warranted to be free from defective material or parts, and it is agreed to furnish a new part in exchange for any part of this unit which under normal installation, use and service discloses such defect, provided the unit is delivered by the owner to the authorized radio dealer or wholesaler from whom purchased, intact, for examination with all transportation charges prepaid, within ninety days from the date of sale to original purchaser and provided that such examination discloses that it is thus defective.

This warranty does not extend to any radio products which have been subjected to misuse, neglect, accident, incorrect wiring not our own, improper installation, or to use in violation of instructions furnished by us, nor extend to units which have been repaired or altered outside of our authorized facilities, nor to cases where the serial number thereof has been removed, defaced or changed, nor to accessories used therewith not of our own manufacture.

This warranty is in lieu of other warranties expressed or implied and no representative or person is authorized to assume for us any other liability in connection with the sale of our radio products.”

*the Hallicrafters co.*

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