Owner's Guide



GENERAL DESCRIPTION

Your new full litteratives therefore the return of the littery tess to 31 magnitudes to have been from the most of the return or the return of the return of

POWER SOURCE

The receiver is designed to operate on 105 to 125 volt 50/90 cycle, AC, or DC current. It may also be operated on 210 to 250 volt AC/DC current using Line Cord Adapter 087-201566, available as an accessory from your Hallicrafters dealer. Power consumption is 30 vaits.

HEADPHONES

Connections are provided at the rear of the receiver for connecting headphones. An commercial headphones ranging from 50 to 10,000 chms may be used. For headphone operation, place the Speaker-Phone selector switch at "PMONE".







Fig. 1. Single-Wire Antenna

Fig. 2. Doublet Antenna Using Twin-Lead

SINGLE-WIRE ANTENNA

known boulding, authorizery results throughout the entire using range can be obtained with the 15-bot attent are included with the receivers. Busing but that does end of the write to terminal "AI", consect the impure link between "AI" and "G", and fine run the stress to the result of the receivers of the rec

HALF-WAVE DOUBLET ANTENNA

For topperformance, especially on the shortwave and amateur bands, the use of a halfwave doubtet or other type of tuned antenna employing a 52 to 600-ban transmission line is recommended. The doubtet arterna should be cut to the proper length for the most used frequency or band of frequencies. The overall length in feet of a doubtet antenna is determined by the following formula:

$$\mbox{Length in feet} \ = \ \frac{468}{\mbox{Frequency in megacycles}}$$

For maximum signal picture, the double asterns should be exceeded with its length a right angles to the shortest station. When a transmission line such as "Two lead" or a visited pair is used, the transmission line connects to terminals "At" and the state of the st

TUNING DIAL

The topdat scale is the standard broadcast band. To convert the readings on this band to kilocycles simply add one zero. For example: 70 on the dill is 700 kilocycles. The shortwave bands are marked 3, 3, and 4. The reading on these bands are in megapycles. The standardsbroadcast bands marked with a "CD" mether and a dot at 400 and 1200 kilocycles to indicate the two official civil defense traceporties. In a civil defense emergency, the formation, these two frequencies for official trivil defense were formation. Surfrictions, and

RECEIVE-STANDBY SWITCH

This switch is normally set at "RECEIVE". When set at "STANDBY", the receiver is silenced but the tubes remain at operating temperature for instant use. To resume reception at any time, simply return the switch to "RECEIVE" position.

AM-CW SWITCH

Set this switch at "AM" to listen to voice or musical broadcasts. Set it at "CW" only if you wish to hear code signals.

BAND SELECTOR CONTROL

BAND SELECTOR CONTRO

Set this centrel for the bandyou wish to tune. The four positions of this centrel correspond to the band numbers at the left side of the dial.

OFF-VOLUME CONTROL

Turn this control clockwise to turn the receiver on and to increase volume. Allow about one mining for the these to some my. Whenoperating on Obditived currently, reverse the power-plag in the wall outlet if the receiver does not operate after the one minute system, as the receiver will operate OAL's with the plag in composition. When operating on AC differentize conveid, try reversible the power large for minimum min after the varieties of the control of the control

TUNING AND BANDSPREAD CONTROLS

Wide tuning is performed with the Tuning control and fine tuning with the Eurolapse control. To take the receivery, set the Eurolapse and any objects at 70° and thin shootly turn the Tuning control to the desired station. When trying to locate weak distant stations, it is suggested to the OUT-Visions control to lattifully set our rankinsm and the ready,letter to the station of the control and the ready,letter than the station of the station of the ready to the total control of the the desired pitch when to intend to the station. The dill readings will correspond to the station frequencies only if the Eurolapsed dial polistic is not at 70° C.

The Budgerest corted is an electrical flux toxics, adjustment with permits you to according to me Budgerest corted by the Budgerest corted you be relief to the state of the Budgerest corted you be precised on a single state of the Budgerest corted you be precised and you be received and you be read and you be received by the Budgerest corted you be received by the Budgerest corted to the Budgerest corted to the Budgerest corted to the Budgerest corted you be received by the Budgerest corted to the Budgere

CW ADJUSTMENT

Your receiver has a provision on the rear panel for setting the AM-CW ratio See Fig.

1). This adjustment is pre-set at the factory, but may be easily reset at any time by the

The MA-CW ratio adjustment procedure is as follows: With the receiver baread on and in the "BECENT's and "AM" positions, and on "land", a feeled a fairly retrog. CW signal. Turn the AM-CW ratio control on the rear panel to its complete constercibetives position. Then place the AM-CW estation on there from 1 to the "CW" (position and rated the AM-CW ratio control clockwise until the CW signal is based as clear radio tone. With this accomplishment, advance the control skiptily loyered the point and the adjustment is companishment, advance the control skiptily loyered the point and the adjustment is con-

SERVICE OR OPERATING QUESTIONS.

For any further information regarding operation or estring of your radio, contact your Hallicraters dealer. The Hallicraters Co. maintains an extensive system of authorized service contents where any required service will be performed promptly and efficiently at a nominal charge. All Hallicraters Authorized Service Centers display the sign consult your dealer or telephone directory.





the hallicrafters ...

4401 WEST 5TH AVENUE

Chicago 24. Ill.

094-902062