TECHNICAL SPECIFICATION

FREQUENCY RANGE:

530 - 1650 Kc/s.
566 - 182 Metres.

INTERMEDIATE FREQUENCY:

455 Kc/s.

BATTERY:

One Eveready Type 276-P.

BATTERY CONSUMPTION:

Zero Audio Output—
Approximately 12 milliamperes.
50 Milliwatts Audio Output—
Approximately 35 milliamperes.

TRANSISTORS:

1 type OC170	R.F. Amplifier.
1 type OC170	Converter.
2 type OC169	1st and 2nd I.F. Amplifier.
1 type OC75	Audio Driver.
2 type OC74	Audio Output (Matched Pair).

CRYSTAL DIODES 0A80 or SFD106:

1 Audio Detector and A.V.C.
1 Overload Diode.

LOUDSPEAKER:

5 inch. Permanent Magnet—
V.C. Inpedance at 400 c/s ..... 3.5 ohms.
Undistorted Power Output (approx.)—
500 mW.

CONTROLS:

Tuning Control: Top right side of cabinet.
Volume Control: Bottom right side of cabinet.
On/Off Switch: Top left side of cabinet.
Tone Control: Bottom left side of cabinet.
Light Switch: Left, front of cabinet.

DIMENSIONS:

Height	$6\frac{7}{8}$ inches.
Width	$11\frac{5}{8}$ inches.
Depth	$4\frac{3}{8}$ inches.
Weight with Battery	$6\frac{1}{2}$ lbs.

BATTERY REPLACEMENT:

Unscrew the two screws at the rear of the cabinet and remove the cabinet back. The battery is to the right of the printed circuit board. (Viewed from rear).

SERVICING THE RECEIVER:

Normal servicing and alignment can be done with only the cabinet back removed as described above.

If it should be necessary to remove the cabinet front, pull off the knobs at both sides of the cabinet, then unscrew the two screws at the top and the two at the bottom of the cabinet and slide the chassis out of the cabinet front.

The printed circuit board can be serviced from both sides, without removing it from the chassis or disconnecting leads.

PRELIMINARY TESTS:

Regardless of what the stated complaint may be, the following overall conditions should be checked:

(a) Condition of the battery (voltage with the set turned on).
(b) Overall current drain with no signal input (should be 11 - 14 mA).
(c) Sensitivity by listening test.
(d) Distortion by listening test.