

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

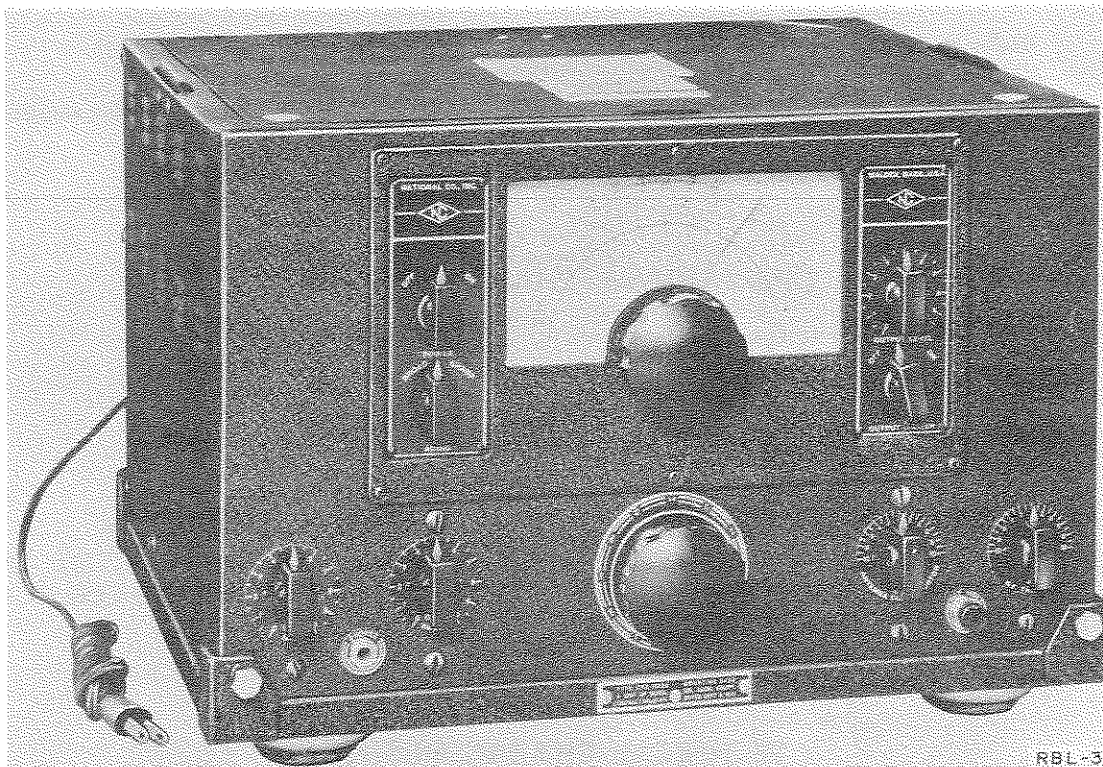
DATE OF THIS SHEET: 4 Apr 52

AN/URR-TYPE

SERVICE TYPE NUMBER:

RBL-3, RBL-4

RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RBL-3 and RBL-4 are general purpose, tuned radio frequency receivers of telegraph signals between 0.015 and 0.6 mc. Voice reception is possible only above 0.2 mc. R-f radiations have been kept at a very low level making their use safe within combat areas.

RBL-3 and RBL-4 receivers are similar, and are fitted with a coaxial antenna input jack for use with a coaxial lead-in cable. RBL-4 can be operated either from 115-v or 230-v ac.

A receiving antenna and a 600-ohm headset are required but not supplied.

They can be operated from a source of a-c power or from batteries.

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900,292
RBL-3, RBL-4	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CWQ-46161-A, CWQ-46230	10-7/16 x 17-3/16 x 15-1/4	84*
1	Mounting Base CWQ-10124-A	2-5/8 x 17-5/8 x 15-1/2	Not Available

*Includes weight of Mounting Base CWQ-10124-A.

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-8; AN/ART-13; AN/CRT-3, -5, AN/FRT-4; -10, -19;
AN/GRT-2; AN/MRC-20; AN/SRC-3; AN/SRT-1, -3; AN/TRQ-1; AN/URT-2, -3, -4; BC-191, -329,
-365; SCR-177; T-5/FRC, -171/FR; TAB; TAJ; TAQ; TBL; TBN; TBU; TBW; TCE; TCG; TCY;
TCZ; TDD; TDE; TDK; Marconi TH-41-B; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.015 - 0.600 in 6 bands.

Band A: 0.015 - 0.025

Band C: 0.045 - 0.080

Band E: 0.155 - 0.310

Band B: 0.025 - 0.045

Band D: 0.080 - 0.155

Band F: 0.310 - 0.600.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, icw, mcw, voice (above 0.2 mc).

POWER OUTPUT: 200 mw.

POWER REQUIREMENTS: RBL-3: 45 w, 115 v, 50/60 cyc, 1 phase, ac;
RBL-4: 45 w, 115/230 v, 50/60 cyc, 1 phase, ac
Battery operation: 14 w, 6.3 v and 4 w, 135 v, dc.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipments RBL-3, RBL-4 measure 12-5/16 x 17-5/8 x 17-5/16 inches. Packed for domestic shipment: total weight 201 pounds, total volume 7.6 cu ft. Shipped in 1 package.