

STATUS: Substitute Standard	AN/URR-TYPE
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Navy	
DATE OF THIS SHEET: 29 Mar 52	
	SERVICE TYPE NUMBER: RBK-12, -13
	RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RBK-12 and RBK-13 are general purpose, v-h-f (am or fm) radio receivers of radiotelephone or radiotelegraph signals and can also be used with a panoramic reception adapter.

These receivers are similar to the RBK-14 except that they do not incorporate blanking circuits. However, both models incorporate a panoramic output socket for connection to equipments such as Dual Panoramic Radio Adaptor REM or Panoramic Radio Adaptor RBW-2M.

Receiver disabling is provided by means of a "send receive" switch and a special socket for connection to the control circuit of the associated transmitter.

A receiving antenna and a loudspeaker or headset are required but not supplied.

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900.235X
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CHL 46130-C	9-5/16 x 19-1/8 x 15-13/16	100

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-1, -3, -5, -18, -28, -36; AN/CRC-2, -3; AN/FRC-6, -7, -9; AN/GRC-3, -4, -5, -6, -7, -8, -30; AN/MRC-5, -16, -22; AN/PRC-6, -8, -9, -10, -16, -17, -20; AN/TRC-1, -3, -4, -7, -8, -11, -12; AN/TRQ-1; AN/URC-4; AN/URT-7, -10; AN/VRC-1, -2, -3, -5, -7, -8, -9, -10, -13, -14, -15, -16, -17, -18, -20, -21, -22; AN/VRQ-1, -2, -3; AN/VRT-1; BC-640; MAN; MAW; MBF; MBS; MN; RC-257; SCR-177, -293, -298, -300, -508, -509, -510, -522, -528, -542, -573, -575, -608, -609, -610, -619, -624, -628, -641, -643, -808, -828; TBS; TBY; TDG; TDT; TDT; Collins 32V-2; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 27.8 - 143.0, in 3 bands.

Band 1: 27.8 - 46.

Band 2: 46 - 82.

Band 3: 82 - 143.

TYPE MODULATION: Am, fm.

TYPE OF SIGNAL: Cw, icw, mcw, voice.

POWER OUTPUT: 3 w into 500, 600, or 5,000 ohms.

POWER REQUIREMENTS: 115 w, 115/230 v, 60 cyc, 1 phase.

Battery operations: 28 w, 6.3 v and 40 w, 270 v.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipment RBK-12 or -13 measures 9-5/16 x 19-1/8 x 15-13/16 inches, net weight 188 pounds, volume 1.7 cu ft. Packed for domestic shipment: total weight 228 pounds, total volume 5 cu ft. Shipped in 1 package.