

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 23 May 52

AN/URR-TYPE

SERVICE TYPE NUMBER:

RBO, RBO-1, -2, -3

RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RBO, RBO-1, -2, and -3 are a-m (tone, voice) broadcast (entertainment or morale) receivers for ship or shore station use. They are designed to provide high quality reception, using four output circuits to permit use of one headset and three loudspeakers.

These receivers are intended for use with loudspeakers; earphones are employed only for monitoring.

A phone input socket is provided for connection of a record player.

Special features and circuits are used to minimize r-f radiation.

AN/URR-TYPE		INSTRUCTION LITERATURE: Not Available
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver		
	CZC-46139	13-3/4 x 20-1/2 x 18-1/2	103
	CZC-46224	13-3/4 x 20-1/2 x 18-1/2	103
	CZC-46225	13-3/4 x 20-1/2 x 18-1/2	104
	CZC-46225-A	13-3/4 x 20-1/2 x 18-1/2	104

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Naval personnel quarters.

INSTALLATION: Shipborne, or shore.

APPROXIMATE RANGE (IN MILES): Medium to long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -25, -26; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRT-5, -6, -15, -17, -18, -19; AN/GRC-9, -13, -26; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRT-4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -339, -365, -401, -447, -610; MBS; OA-60A/FRT, -60B/FRT; RC-52; SCR-177, -188, -193, -274, -399, -499, -536, -585, -694; T-4/FRC, -5/FRC, -83/SR, -158/FRT, -159/FRT, -171/FR, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, 180/FR; TAB; TAJ; TAQ; TBA; TBC; TBK; TBL; TBM; TBN; TBU; TBW; TCB; TCC; TCE; TCH; TCK; TCS; TCZ; TOD; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; Collins 18S-4 (AF Model); Collins 32V-2; Fisher TS 25-3; Marconi TH-41-B; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.54 - 1.6 and 5.55 - 15.6 in 3 bands.

Band 1: 0.54 - 1.6

Band 2: 5.5 - 9.55

Band 3: 9.2 - 15.6.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice, tone.

POWER OUTPUT: 2 w into 600 or 5,000 ohm load; 30 mw into 600 ohm load.

POWER REQUIREMENTS: 85 w, 110 - 125 v, 58/62 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipments RBO, RBO-1, -2, -3 measure 13-3/4 x 20-1/2 x 18-1/2 inches, net weight 104 pounds, volume 2.4 cu ft.