

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

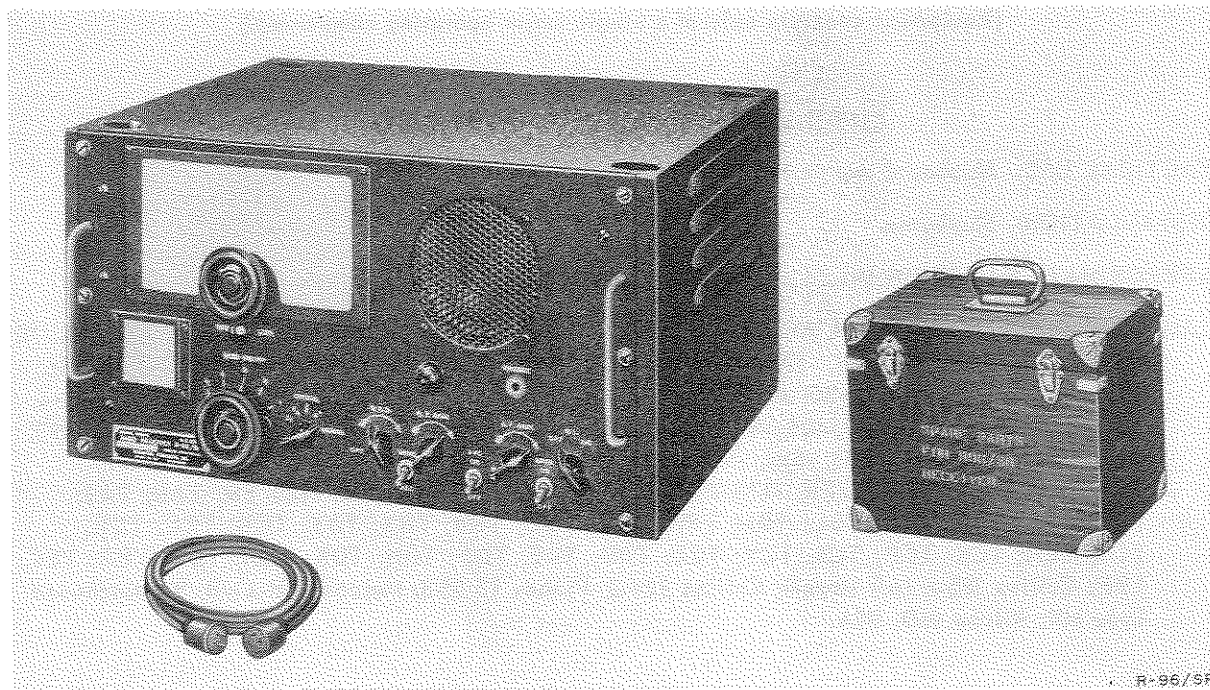
DATE OF THIS SHEET: 22 Jan 52

**AN/SRR-TYPE**

AN/COMP TYPE NUMBER:

R-96/SR

RADIO RECEIVER



Radio Receiver R-96/SR is a five-channel, a-m (voice, cw, icw, and mcw) receiving equipment which is used in the low-, medium-, and high-frequency bands in radio operation aboard ship. It may be installed on harbor patrol or seagoing craft.

This equipment consists of a crystal-controlled receiver which is designed to operate in conjunction with Radio Transmitter T-83/SR, to which it may be connected by cables. It has change-over relays in the transmitter to control sending and receiving. These relays are operated by means of the press-to-talk switch in the handset.

Uses a conventional ship's antenna or other suitable array. Operates on 115 v ac or dc.

<b>AN/SRR-TYPE</b>		INSTRUCTION LITERATURE: TM 11-878
R-96/SR	:AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component.)

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Shipboard and ports.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25; AN/ART-13; AN/CRT-3, -5; AN/FRC-10; AN/FRT-4, -5, -6, -10, -15, -17, -18, -19; AN/GRC-9, -13, -26; AN/GRT-2; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRT-1, -3, -4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -329, -339, -365, -401, -447, -610; MBS; MQ; OA-60/FRT; RC-52; SCR-177, -188, -193, -274, -281, -399, -499, -506, -536, -543, -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; TBO; TBU; TBW; TBX; TBY; TCB; TCC; TCE; TCG; TCH; TCK; TCP; TCS; TCY; TCZ; TDD; TDE; TDF; TDH; TDK; 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:**

Band 1: 0.135 — 0.26.	Band 4: 2.97 — 6.06.
Band 2: 0.255 — 0.51.	Band 5: 5.94 — 12.12.
Band 3: 1.48 — 3.03.	

TYPE MODULATION: AM.

TYPE OF SIGNAL: Voice, cw, icw, mcw.

POWER REQUIREMENTS: 115 v, 50/60 cyc ac. or  
115v dc -(0.4-amp) drain.

**PHYSICAL CHARACTERISTICS**

Radio Receiver R-96/SR measures 10 x 20-7/8 x 17-1/2 inches, net weight 87.5 pounds, volume 3 cu ft. Packed for domestic shipment: total weight 160.5 pounds, total volume 7.69 cu ft. Shipped in 1 package.