

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

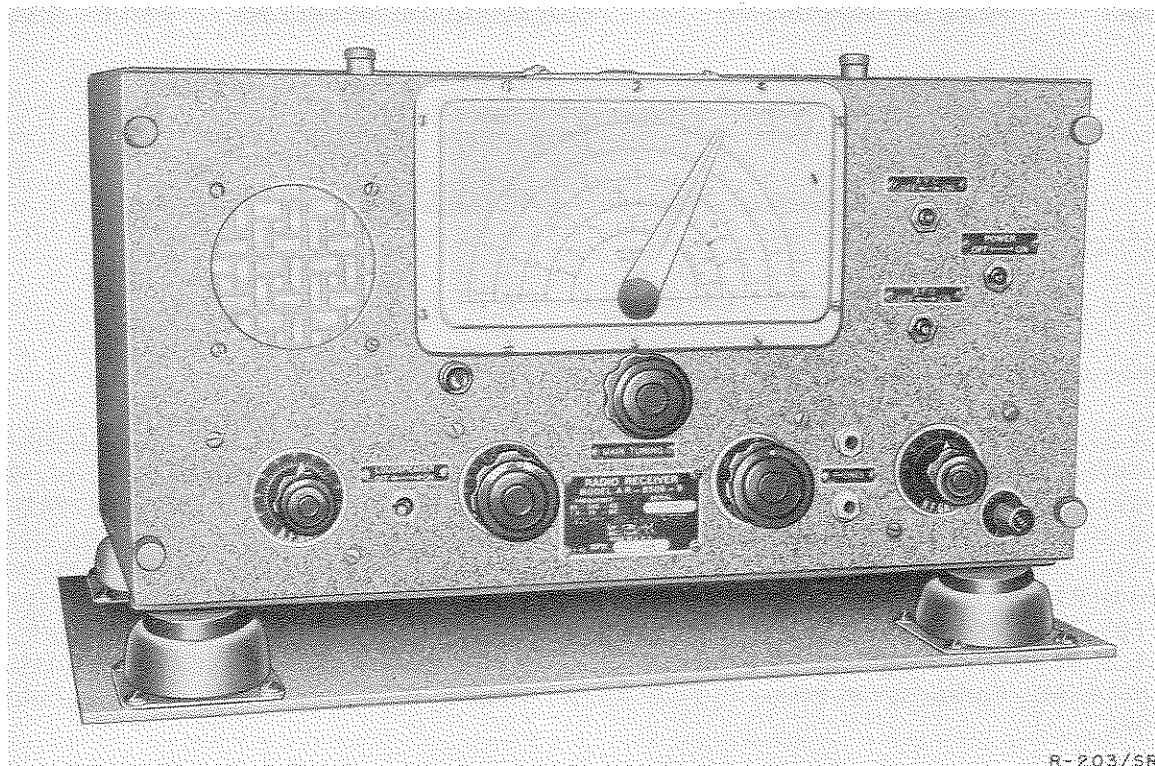
DATE OF THIS SHEET: 22 Jan 52

**AN/SRR-TYPE**

AN/COMP TYPE NUMBER:

R-203/SR

RADIO RECEIVER



Radio Receiver R-203/SR is a table model receiving equipment for a-m (voice and cw) signals in the low-, medium-, and high-frequency bands used in shipborne and similar applications.

This equipment consists essentially of a commercial (RMCA model AR8506-A) marine receiver which is contained in a metal cabinet but which can be removed from the case and installed on a standard relay rack. It has a built-in loudspeaker and includes a headset and accessories.

It can be operated on a ship's antenna or other suitable array.

Operates from 115-v a-c or d-c sources, from 230-v a-c sources, or, by means of the fixed resistor unit included, from 230 v dc.

| AN/SRR-TYPE    |                      | INSTRUCTION LITERATURE: TM 11-875         |
|----------------|----------------------|-------------------------------------------|
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## MAJOR COMPONENTS

| QUANT | NAME OF COMPONENT                  | DIMENSIONS (IN) INSTALLED | WEIGHT (LBS) |
|-------|------------------------------------|---------------------------|--------------|
| 1     | Radio Receiver R-203/SR            | 11-3/4 x 13-1/16 x 21     | 65           |
| 1     | Electrical Noise Suppressor F-91/U | 3-5/8 x 6-7/8 x 7-1/4     | 6            |
| 1     | Fixed Resistor MX-1024/U           | 2-7/8 x 2-5/8 x 11-3/8    | 1.5          |

## OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Medium-long.

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, -10, -20; AN/SRC-3; 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; TCU; 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: 0.085 — 0.22.

Band 4: 5.2 — 12.0.

Band 2: 0.21 — 0.55.

Band 5: 11.5 — 25.0.

Band 3: 1.9 — 5.4.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice, tone, cw.

POWER REQUIREMENTS: 45 w, 115 v, 50/60 cyc ac or  
 90 w, 230 v, 50/60 cyc ac or  
 115 v dc or ac or, using Fixed Resistor MX-1024/U,  
 230 v dc or ac.

## PHYSICAL CHARACTERISTICS

Radio Receiver R-203/SR weighs 77 pounds net, volume 2.15 cu ft. Packed for domestic shipment: total weight 145 pounds, total volume 12 cu ft. Shipped in 1 package.