

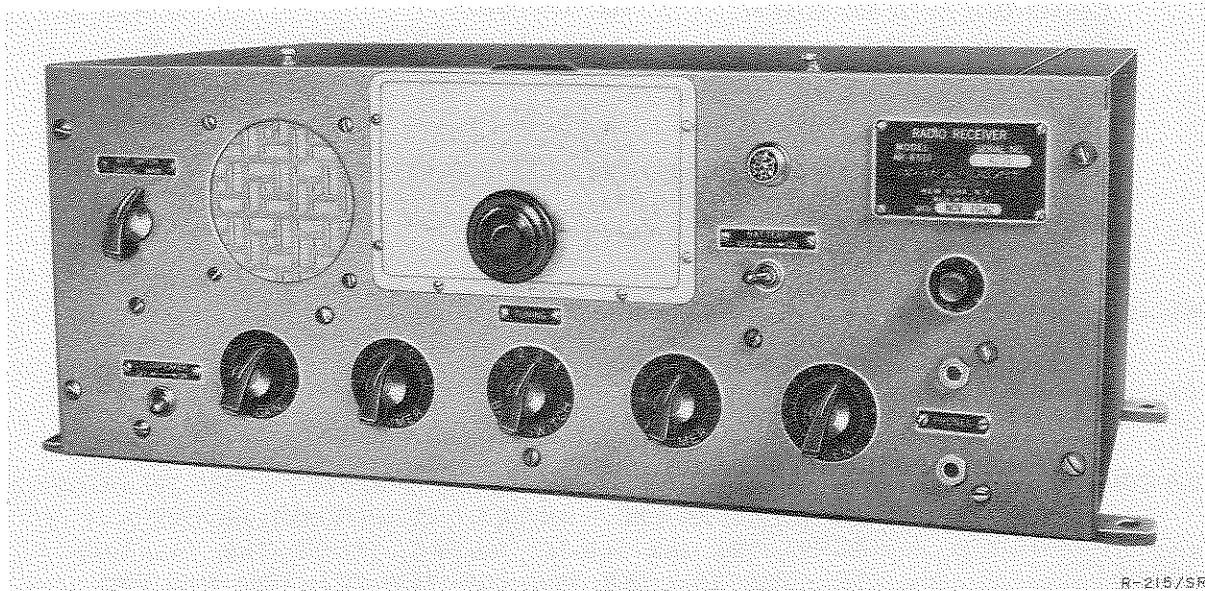
STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 15 Feb 52

AN/SRR-TYPE

AN/COMP TYPE NUMBER:

R-215/SR

RADIO RECEIVER



Radio Receiver R-215/SR is a medium-range, a-m (cw and mcw) receiving equipment which operates in the very-low-, low-, and medium-frequency ranges in shipboard or equivalent communication applications.

This equipment consists essentially of a commercial (RMCA AR-8510) table model radio receiver and includes a-c or d-c power supply components.

It operates by means of a conventional long wire or ship's antenna.

Operates from 110 v dc, 115 v ac, or 6-v storage battery plus 90 v of dry battery B supply.

AN/SRR-TYPE		INSTRUCTION LITERATURE: None
R-215/SR	: AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver R-215/SR	8-1/4 x 22 x 13	39
1	Control Unit RM-37 (dc only) or	Not Available	Not Available
1	Control Unit RM-23-A (ac only)	8-3/8 x 17 x 6-7/8	21.50

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Transports.

INSTALLATION: Fixed ground or shipboard.

APPROXIMATE RANGE (IN MILES): Long.

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; TDE; TDK; TDO; Marconi TH-41-B; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.015 - 0.65, in 4 bands.

Band 1: 0.015 — 0.038

Band 3: 0.1 — 0.25

Band 2: 0.038 — 0.1

Band 4: 0.25 — 0.65.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Mcw and cw.

POWER REQUIREMENTS: 6-v battery and 90-v battery or 110 v dc or 35 w, 115 v, 60 cyc ac.

PHYSICAL CHARACTERISTICS

Radio Receiver R-215/SR weighs 50.5 pounds net.