

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

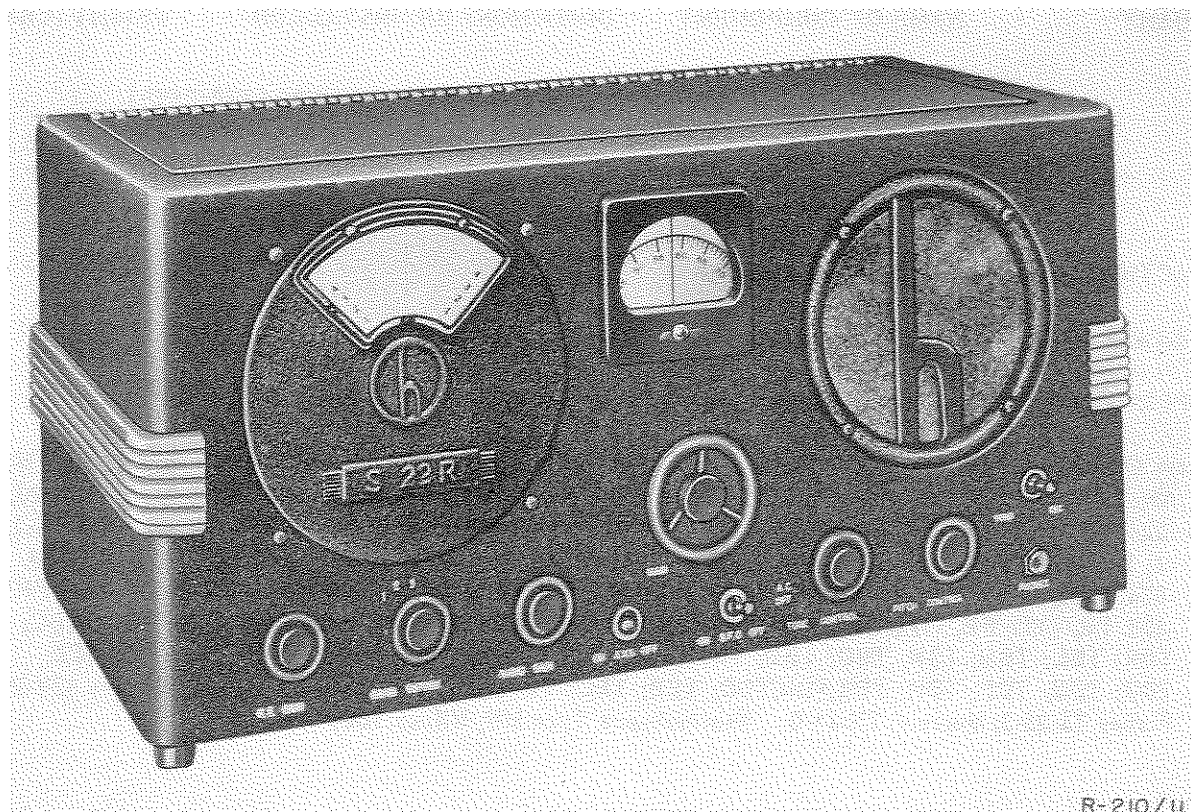
DATE OF THIS SHEET: 30 Jan 52

AN/URR-TYPE

AN/COMP TYPE NUMBER:

R-210/U

RADIO RECEIVER



R-210/U

Radio Receiver R-210/U is a transportable, a-m (voice and cw) equipment used for point-to-point communication in the l-f, m-f, and h-f ranges at fixed plant installations.

This equipment consists essentially of a commercial (Hallicrafters S22R) table model radio receiver of the conventional communications type and consists of a single unit in a steel cabinet. It has a built-in loudspeaker and provision for headset operation. Its controls include r-f and a-f gain, pitch, band selection, avc, beat-frequency oscillator, and on-off switches.

It uses a long wire type antenna and can be operated from 110/125-v a-c or d-c power sources.

AN/URR-TYPE		INSTRUCTION LITERATURE: None
R-210/U	: AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
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MAJOR COMPONENTS

QUANT NAME OF COMPONENT DIMENSIONS (IN) INSTALLED WEIGHT (LBS)

(Equipment consists only of a single major operating component.)

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Fixed plant and training.

INSTALLATION: Ground, fixed station.

APPROXIMATE RANGE (IN MILES): 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, -19, -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; TBX; TCB; TCC; TCE; TCG; 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: 0.11 – 18.0, in four bands.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice, cw,

POWER REQUIREMENTS: 50 w, 110-125 v dc or ac, 50/60 cyc.

PHYSICAL CHARACTERISTICS

Radio Receiver R-210/U measures 18 x 8-1/2 x 9-1/4 inches, net volume 1 cu ft. Packed for domestic shipment: total weight 31 pounds. Packed for export shipment: total weight 55 pounds, total volume 2 cu ft.