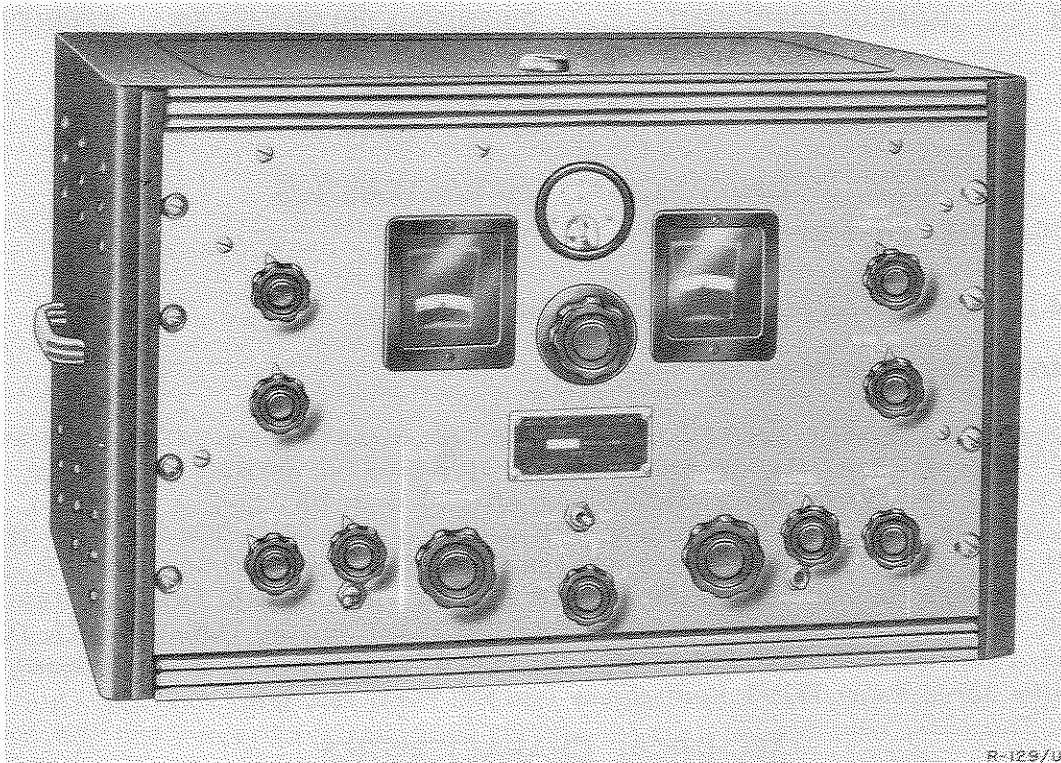


STATUS: Limited Standard  
 CLASSIFICATION OF EQUIPMENT: Unclassified  
 USING SERVICE: Army  
 DATE OF THIS SHEET: 22 Jan 52

**AN/URR-TYPE**

AN/COMP TYPE NUMBER: R-129/U  
 RADIO RECEIVER



Radio Receiver R-129/U is a transportable, a-m (voice, tone, and cw) radio receiving equipment which operates in the medium and high-frequency bands in fixed station communication, monitoring, or intercept applications.

This equipment is a table model, cabinet-inclosed radio receiver which can be removed from the cabinet and mounted on a standard relay rack. It can be installed and operated in a vehicle by means of appropriate shock mounts.

It uses a doublet antenna with balanced transmission line, a straight wire and ground, or similar antenna system.

Can be operated from 115- or 230-v a-c sources or by batteries in an emergency.

<b>AN/URR—TYPE</b>		INSTRUCTION LITERATURE: TM 11-866 TM 11-4054
R-129/U	:AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO RECEIVER		USING SERVICE : Army
		DATE OF THIS SHEET : 22 Jan 52

### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver R-129/U	10-1/2 x 15-3/8 x 19	55
	(in Cabinet CH-104-A)	12-1/4 x 16-1/2 x 23	73

### OPERATIONAL CHARACTERISTICS

TACTICAL USE: Fixed plant use.

INSTALLATION: Ground, fixed station or vehicular.

APPROXIMATE RANGE (IN MILES): long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -20, -25; AN/ART-13; AN/CRT-3, -5; AN/FRC-10; AN/FRT-5, -6, -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, -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; TBO; TBU; TBW; TBX; TBY; TCB; TCC; TCE; 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 TS25-3; Westinghouse Type MW; Wilcox 96D, 99A.

### TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.3 - 10.0, in five bands:

Band 1: 0.3 to 0.54.	Band 4: 2.50 to 5.00.
Band 2: 0.54 to 1.16.	Band 5: 5.00 to 10.00.
Band 3: 1.16 to 2.50.	

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, voice, tone.

POWER REQUIREMENTS: Ac: 180 w, 95 to 130/190 to 260 v, 25/60 cyc or 180 w, 115/230 v, 50/60 cyc  
Battery: One 6-v storage battery, five 45-v B batteries, and one 45-v C battery.

### PHYSICAL CHARACTERISTICS

Radio Receiver R-129/U measures 10-1/2 x 15-3/8 x 19 inches, net weight 55 pounds, volume 1.8 cu ft. Packed for domestic shipment: total weight 57 pounds, total volume 2.6 cu ft. Packed for export shipment: total weight 90 pounds, total volume 4.3 cu ft. Shipped in 1 package both domestic and export.