

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT:Unclassified

USING SERVICE: Army

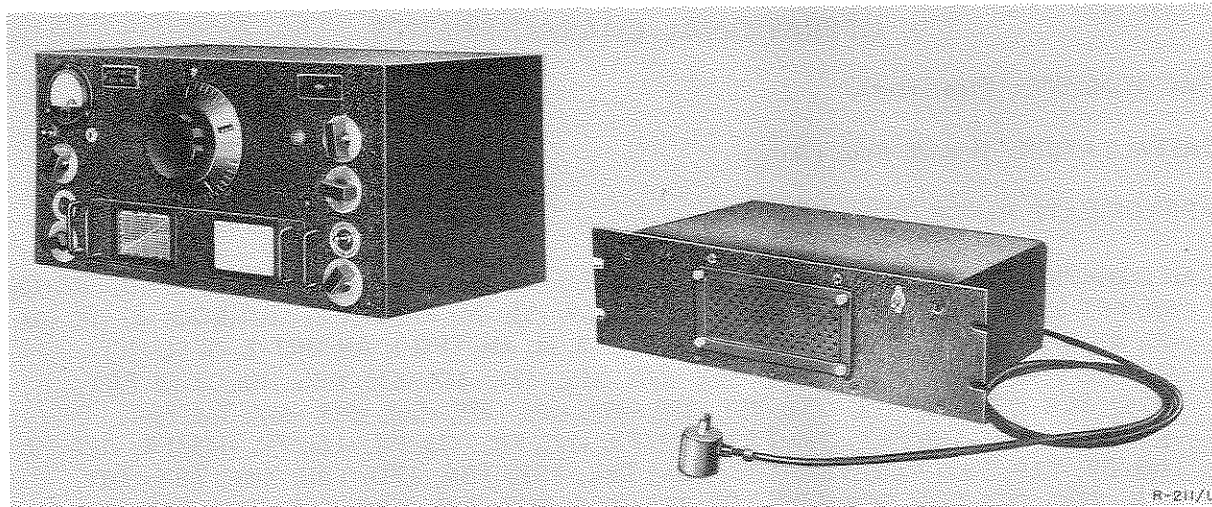
DATE OF THIS SHEET: 22 Jan 52

AN/URR-TYPE

AN/COMP TYPE NUMBER:

R-211/U

RADIO RECEIVER



Radio Receiver R-211/U is a general purpose, lightweight, a-m (voice, tone, and cw) receiving equipment used for fixed plant communication in the l-f, m-f, and h-f bands.

This equipment consists of a single radio receiver, which may be table- or rack-and-panel-mounted. Has an external power supply. Operates in nine frequency bands, selected by means of interchangeable coils, and has a crystal-controlled band-pass filter which operates at 0.456 mc.

This receiver can be operated with a conventional single wire or doublet antenna system.

Power required is 115v ac or 6 v dc (by means of appropriate power supply unit).

AN/URR-TYPE		INSTRUCTION LITERATURE: None
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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:** Fixed plant.**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, -10; AN/VRC-1, -4; AN/VRT-1; 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:** 0.05 - 30.0, by use of 9 r-f coil sets:

Type J: 0.05 — 0.10.

Type F: 0.48 — 0.96.

Type C: 3.5 — 7.3

Type H: 0.10 — 0.20.

Type E: 0.90 — 2.05.

Type B: 7.0 — 14.4

Type G: 0.18 — 0.43.

Type D: 1.70 — 4.00.

Type A: 14.0 — 30.0.

TYPE MODULATION: Am.**TYPE OF SIGNAL:** Cw, voice, tone.

POWER REQUIREMENTS: 115 v, 50/60 cyc ac with National Type SPU-697 Power Supply.
6 v, dc with National Type SPU-686-S Power Supply.

PHYSICAL CHARACTERISTICS

Radio Receiver R-211/U weighs 79.5 pounds net, volume 2.1 cu ft. Packed for domestic shipment: total weight 81 pounds, total volume 2.4 cu ft. Packed for export shipment: total weight 211 pounds, total volume 9.1 cu ft. Shipped in 3 packages both domestic and export.