

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

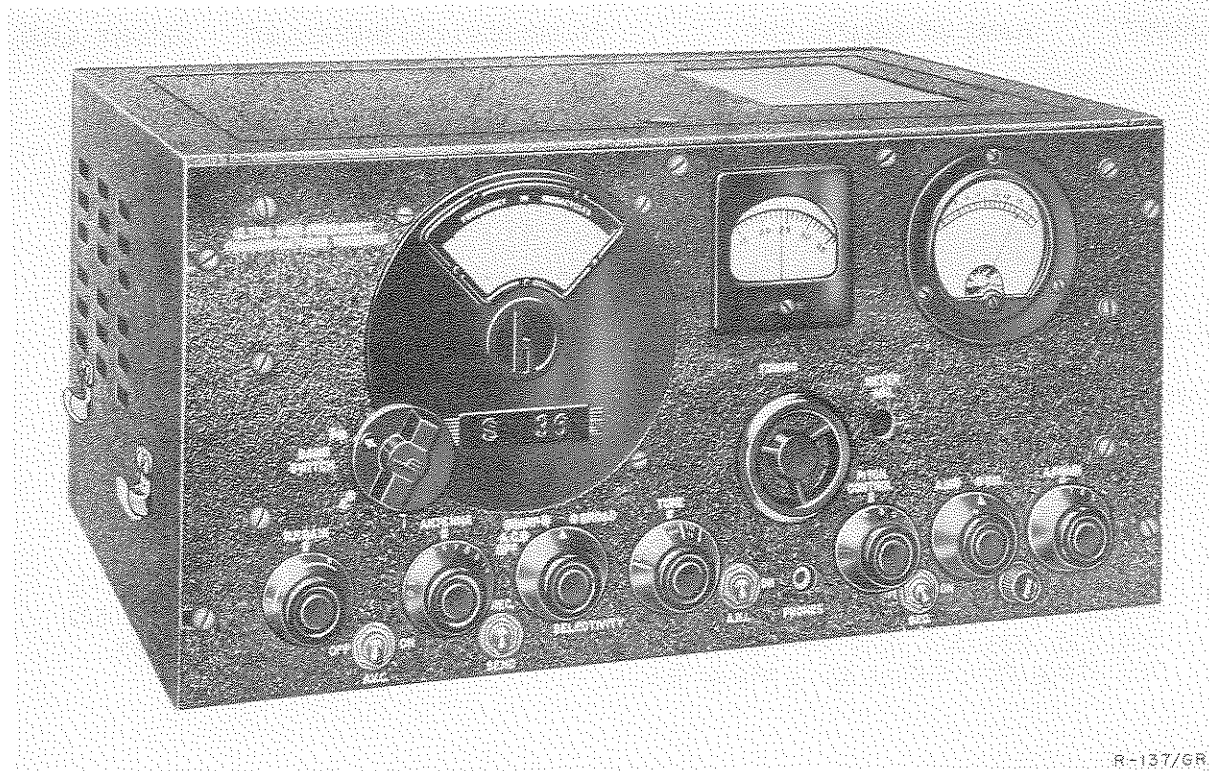
DATE OF THIS SHEET: 22 Jan 52

AN/GRR-TYPE

AN/COMP TYPE NUMBER:

R-137/GR

RADIO RECEIVER



R-137/GR

Radio Receiver R-137/GR is a transportable, a-m (voice, cw) and f-m (voice) receiving equipment used for intercept, monitoring, ground-to-air, and air warning applications in the h-f and v-h-f bands.

This equipment consists essentially of a commercial (Hallicrafter S-36) communications type receiver that is inclosed in a table model cabinet and which requires an external loudspeaker. It is provided with a jack for a headset and an output terminal for loudspeaker operation. It also has manual and automatic volume control and a beat-frequency oscillator.

This set can be operated on 115/230 v ac or from a 6-v battery plus 270 v (at 145 ma) of B battery.

May be used as a component of Radio Control Central AN/TRQ-1.

AN/GRR-TYPE		INSTRUCTION LITERATURE: None
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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: Intercept and air warning. APPROXIMATE RANGE (IN MILES): Long.

INSTALLATION: Ground, mobile or fixed station.

CAN COMMUNICATE WITH: AN/ARC-1, -3, -5, -18, -28, -36; AN/CRC-2, -3; AN/FRC-6, -7, -9; AN/GRC-3, -4, -5, -6, -7, -8, -30; AN/MRC-5, -16, -22; AN/PRC-6, -8, -9, -10, -16, -17, -20; AN/TRC-1, -3, -4, -7, -8, -11, -12; AN/TRQ-1; AN/URC-4; AN/URT-7, -10, AN/VRC-1, -2, -3, -5, -7, -8, -9, -10, -13, -14, -15, -16, -17, -18, -20, -21, -22; AN/VRQ-1, -2, -3; AN/VRT-1; BC-640; MAN; MAW; MBF; MBS; MN; RC-257; SCR-177, -293, -298, -300, -508, -509, -510, -522, -528, -542, -573, -575, -608, -609, -610, -619, -624, -628, -641, -643, -808, -828; TBS; TBY; TDG; TDQ; TDT; Collins 32v-2; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 27.8 - 143.0 in three bands.

TYPE MODULATION: Am, fm.

TYPE OF SIGNAL: Voice, cw.

POWER REQUIREMENTS: 115/230 v, 50/60 cyc ac or A battery, 6 v at (4.5 amp) and B battery, 270 v at 145 ma.

PHYSICAL CHARACTERISTICS

Radio Receiver R-137/GR measures 19 x 9 x 14 inches, net weight 66 pounds, volume 1.5 cu ft.