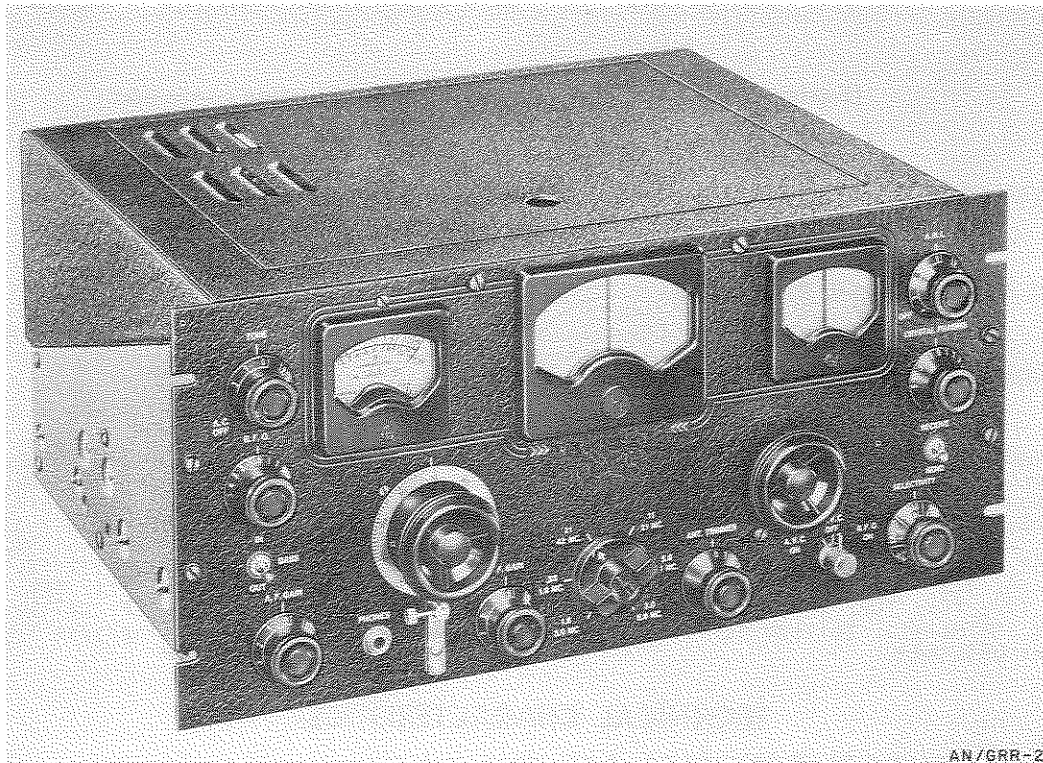


STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT:Unclassified
USING SERVICE: Army, Navy
DATE OF THIS SHEET: 20 Dec 51

AN/GRR-2

RADIO SET



Radio Set AN/GRR-2 is a crystal-controlled, medium-weight radio receiver for the reception of a-m (voice) and cw signals in the m-f, h-f, and v-h-f bands. It can be used in permanent or semipermanent stations.

This equipment is essentially a commercial (Hallicrafters SX-28) table-model receiver which may be either cabinet or rack and panel mounted. It has a phonograph jack and three output impedances for headphones and an external 500-ohm or 5,000-ohm permanent magnet speaker. Can be operated in a conventional inverted L or doublet antenna system.

It has a built-in power supply, and it operates from ac with provision for emergency use of either battery or power pack.

AN/GRR-2

INSTRUCTION LITERATURE: TM 11-874

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE : Army, Navy

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RADIO SET

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; also used by special teams, such as D/F intercept team.**INSTALLATION:** Ground, fixed station.**APPROXIMATE RANGE (IN MILES):** Medium to long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -21, -25; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRT-5, -6, -15, -17, -18, -19, AN/GRC-9, -13, -26; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRT-4; AN/TRQ-1; AN/URT-2, -3, -4, -10; AN/VRC-1, -4; AN/VRT-1; BC-191, -339, -365, -401, -447, -610; MBS; MQ; OA-60A/FRT, -60B/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; TCH; TCK; TCP; TCS; TCZ; TDD; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; Collins 19S-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:** 0.55 - 42 in six bands.

Band 1: 0.55 - 1.6

Band 3: 3.0 - 5.8

Band 5: 11.0 - 21.0

Band 2: 1.60 - 3.0

Band 4: 5.8 - 11.0

Band 6: 21.0 - 42.0.

TYPE MODULATION: Am.**TYPE OF SIGNAL:** Voice, tone, keyed cw.**POWER OUTPUT:** 8 w undistorted.**POWER REQUIREMENTS:** 138 w, 117 v, 60 cyc, ac

or

6 v, 4.8 amp heater supply

and 270 v, 150 ma high voltage.

Dc power consumption is 108 w,

PHYSICAL CHARACTERISTICS

Radio Set AN/GRR-2 measures 16-1/2 x 20-3/4 x 10-3/4 inches, net weight 78 pounds, volume 2.1 cu ft. Packed for domestic shipment: total weight 135 pounds, total volume 5.5 cu ft. Shipped in 1 package.