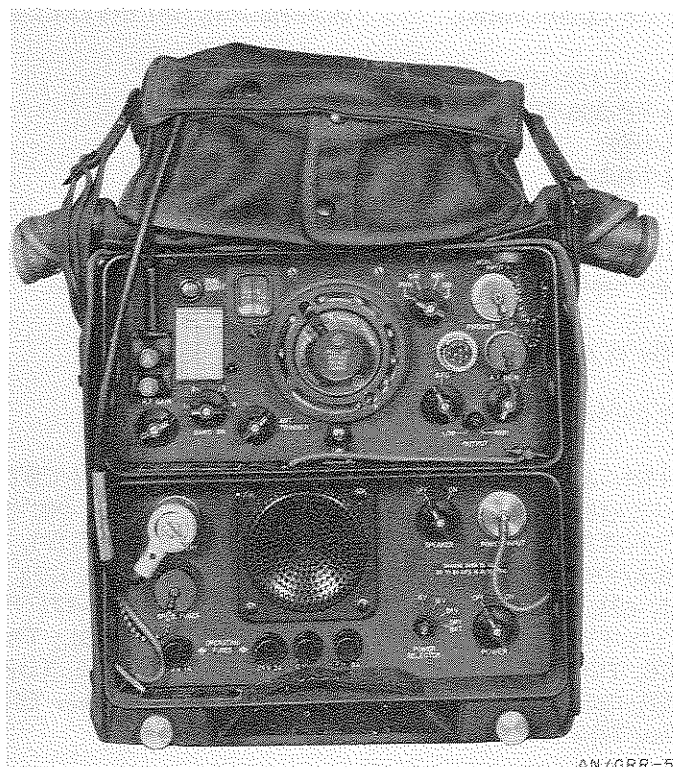


STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 20 Dec 51

AN/GRR-5

RADIO SET



Radio Set AN/GRR-5 is a low-power, a-m (voice, cw, and mcw) radio receiving equipment which operates over four frequency bands in the m-f and h-f ranges. It is a general purpose set used in infantry divisions and is intended to replace Radio Set SCR-593.

This equipment consists essentially of a superheterodyne radio receiver having an integral loudspeaker and a shock mount. It is provided with a protective canvas carrying case.

Three types of antennas (whip-type, doublet, and straight wire) and an integral power supply are included. Operates from 110-v a-c power or from 6-, 12-, or 24-v storage batteries. Can be operated for 48 hours on Battery BA-48, which can be mounted on top of the equipment.

AN/GRR-5	INSTRUCTION LITERATURE: None
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET	USING SERVICE: Army
	DATE OF THIS SHEET: 20 Dec 51

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver R-174/URR	Not Available	Not Available
1	Power Supply PP-308/URR	" "	" "
1	Case CY-615/URR	" "	" "
1	Rack MT-678/FMQ-2	" "	" "

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Signal company in infantry division antiaircraft artillery gun batteries, field artillery replacement for SCR-593 on T/O&E's and T/A's.

INSTALLATION: Vehicle or semifixed.

APPROXIMATE RANGE (IN MILES): Short to medium.

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; 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; AN/VRC-1, -4; BC-191, -339, -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, -83/SR, -158/FRT, -159/FRT, -171/FR, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCZ; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; Collins 185-4 (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: 1.5 - 18.0, in 4 bands.

Band 1: 1.5 - 2.7.	Band 3: 5.0 - 9.5.
Band 2: 2.7 - 5.0.	Band 4: 9.5 - 18.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, mcw, voice.

POWER OUTPUT: 20 - 90 mw.

POWER REQUIREMENTS: Dry battery
 350 to 450 ma at 1.4 v and
 20 to 27 ma at 90 v.

Using Power Supply PP-308/URR
 5.0 amp at 6 v dc or
 2.5 amp at 12 v dc or
 1.75 amp at 24 v dc or
 0.5 amp at 110 v ac.

PHYSICAL CHARACTERISTICS

Information on Radio Set AN/GRR-5 not available.