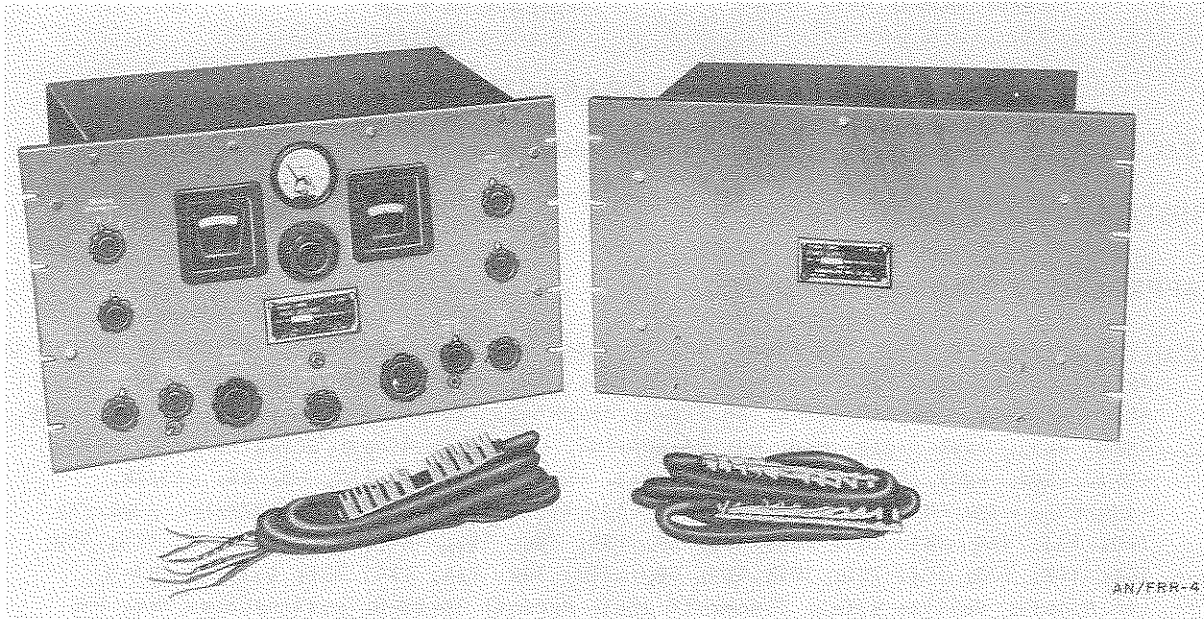


STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 20 Dec 51

AN/FRR-4

RADIO SET



Radio Set AN/FRR-4 is a medium-frequency, a-m (voice, tone, and cw), long-range receiving equipment used for fixed station or mobile and vehicular installation (with appropriate shock mountings), and for intercept team applications.

This equipment consists of a commercial (Hammarlund Super-Pro) communications receiver which may be cabinet-inclosed or rack and panel mounted, plus a power supply unit.

It can be operated, in emergencies, by battery supply.

AN/FRR-4	INSTRUCTION LITERATURE: TM 11-866
	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 BC-1004	10-1/2 x 15-3/8 x 19	55
1	Power Supply Unit RA-84	10-1/2 x 10 x 19	60

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Fixed plant; also used by radio intercept teams.

INSTALLATION: Fixed stations.

APPROXIMATE RANGE (IN MILES): 100.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -21, -25, -26; 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; AN/VRC-1, -4; BC-191, -399, -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; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCZ; TDD; TDE; TDF; TDH; 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: 0.54 - 20 in 5 bands.

Band 1: 0.54 - 1.16	Band 4: 5 - 10
Band 2: 1.16 - 2.5	Band 5: 10 - 20
Band 3: 2.5 - 5	

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, tone, and voice.

POWER REQUIREMENTS: 180 w, 105 - 125 v, 50/60 cyc, ac.

PHYSICAL CHARACTERISTICS

Radio Set AN/FRR-4 measures 21 x 25-3/8 x 38 inches; net weight 115 pounds, volume 3 cu ft. Packed for domestic shipment: total weight 116 pounds, total volume 4.3 cu ft. Packed for export shipment: total weight 175 pounds, total volume 7.4 cu ft. Shipped in 2 packages both domestic and export.