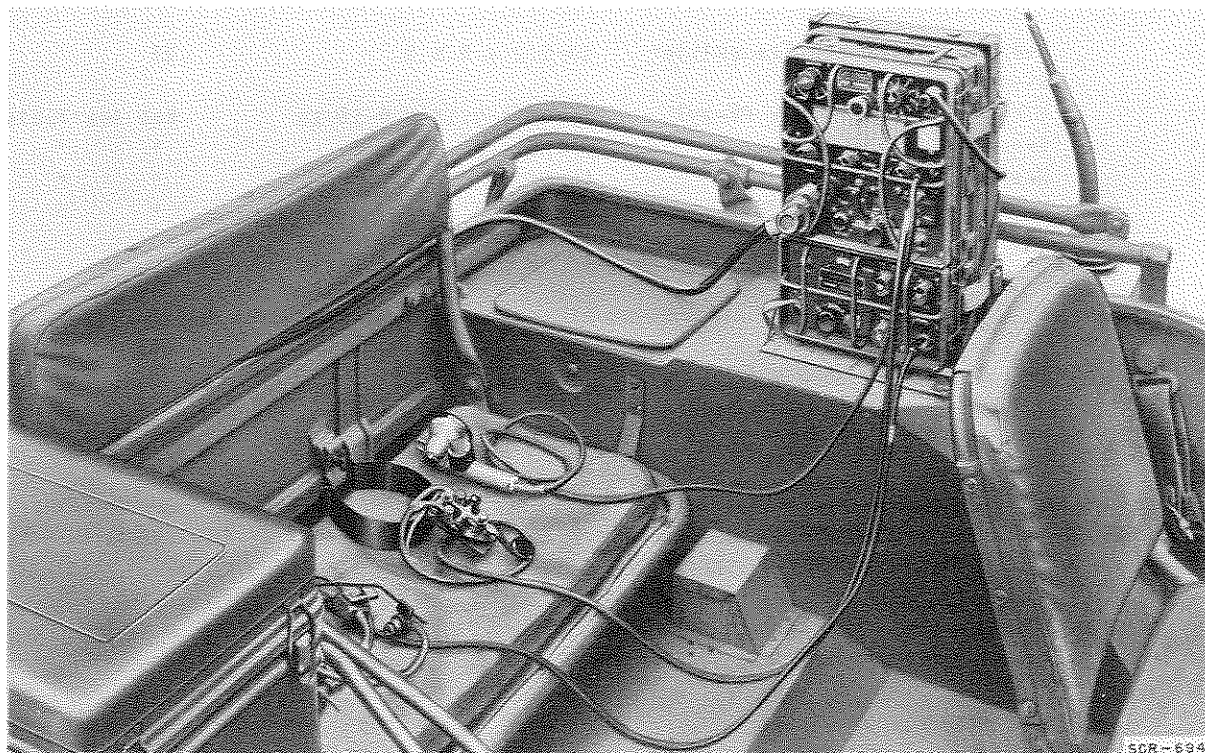


STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army, Navy
DATE OF THIS SHEET: 29 Jan 52

AN/MRC-TYPE

SERVICE TYPE NUMBER: SCR-694
RADIO SET



Radio Set SCR-694 is a lightweight, portable, crystal-controlled, medium-frequency, a-m (voice, tone, and cw) equipment used for front-line communication, and as a command set which can be installed on the ground, or in vehicles, at company, battery, and equivalent levels.

This equipment consists of a radio transmitter-receiver, power supply, hand operated generator, and related accessories. The water tight case and waterproof metal cover permit floating this set ashore as in amphibious operations.

It uses a whip-type or half-wave horizontal antenna and has a 3-position frequency-band switch. It can be powered by a 6, 12, or 24-v storage battery, or by its hand generator component.

AN/MRC-TYPE		INSTRUCTION LITERATURE: TM 11-230-C
SCR-694	SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET		USING SERVICE : Army, Navy
		DATE OF THIS SHEET : 29 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver and Transmitter BC-1306	14-1/2 x 9 x 5	27
1	Vibrator Power Supply PE-237	11 x 20-3/16 x 9-15/16	Not Available
1	Generator GN-58	8 x 6 x 6	" "
1	Mast Base MP-65	16-1/2 x 3	" "
1	Mast Bracket MP-50	8 x 5 x 5	" "

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Engineer company, field artillery battery, military police Special 11-500 Teams.

INSTALLATION: Ground, portable or vehicular.

APPROXIMATE RANGE (IN MILES): 30.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ARR-15; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRR-3, -4, -12, -28, -32; AN/FRT-5, -6, -15, -17, -18; AN/GRC-9, -13, -26; AN/GRR-2, -3, -5; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRR-3, -8, -12, -13; AN/SRT-4; AN/TRQ-1; AN/URR-10, -22, -23; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -312, -339, -342, -348, -401, -447, -610, -779, -794, -1004; MBS; OA-58/FRC, -59/FRC, -60A/FRT, -60B/FRT; R-62/PR, -80/PR, -96/SR; -129/U, -203/SR, -205/U, -206/PR, -208/FR, -209/FR, -210/U, -211/U, -213/SR, -274/FRR, -320/FRC, -388/URR; RAL; RAO; RAS; RBB; RBC; RBG; RBH; RBM; RBO; RBP; RBS; RC-52; RCF; RCG; RCH; RDE; RDM; REA; SCR-177, -188, -193, -244, -274, -399, -499, -506, -536, -543, -585, -593, -694, -704; T-4/FRC, -83/SR, -158/FRT, -159/FRT, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCS; TCZ; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; AR-88 (RCA); Collins 18S-4 (AF Model); Collins 32V-2, 75A-2; Fisher TS 25-3; Hammarlund SP-600-JX; Marconi TH-41-B; National HRO-50; Westinghouse Type MW; Wilcox 96D; 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 3.8 - 6.5.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw and voice.

POWER OUTPUT: 8.5, 14, and 17 w.

POWER REQUIREMENTS: 6/12/24-v storage battery, (or Generator GN-58).

PHYSICAL CHARACTERISTICS

Radio Set SCR-694 weighs 191.5 pounds net, volume 3 cu ft. Packed for domestic shipment: total weight 250 pounds, total volume 7.5 cu ft.