

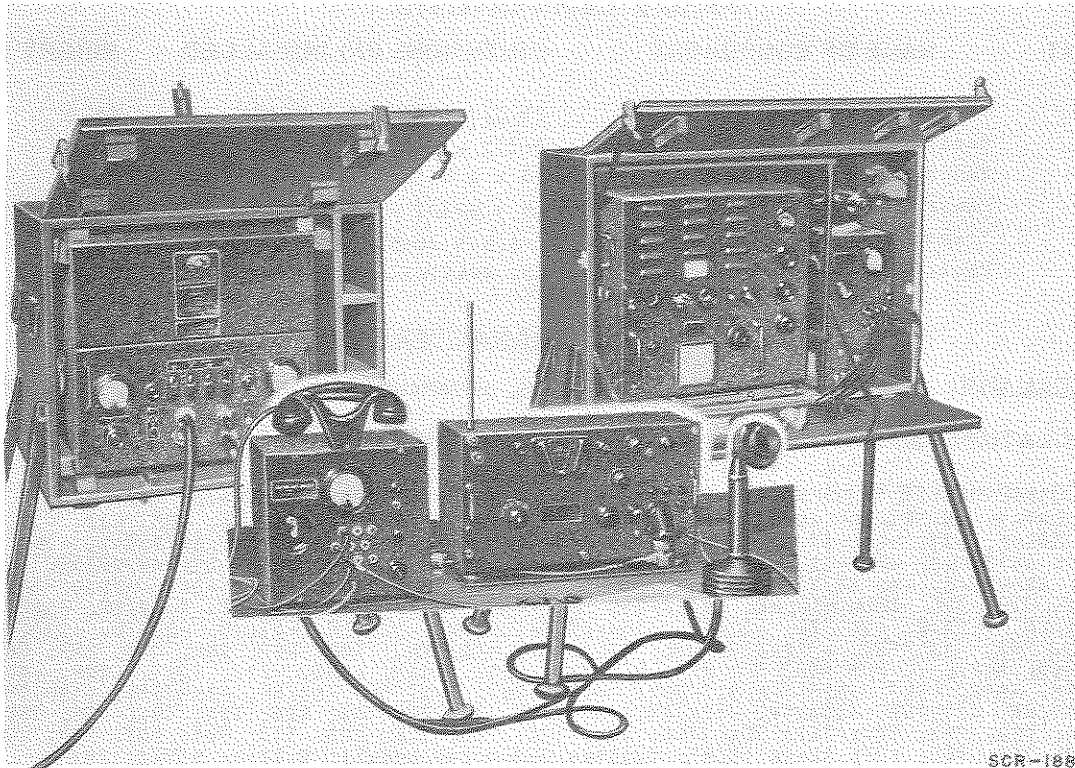
STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 22 Jan 52

AN/TRC-TYPE

SERVICE TYPE NUMBER:

SCR-188

RADIO SET



Radio Set SCR-188 is a transportable, field, a-m (voice and cw) transmitting and receiving equipment used for air-ground, or point-to-point communication in the low-and medium-frequency band at division and higher headquarters.

This equipment consists essentially of general-purpose Radio Transmitter BC-191 which is also a major component of such equipment as Radio Sets SCR-177 and SCR-193. It is provided with tuning units for the selection of operating frequencies, and general-purpose Radio Receiver BC-342, a field power unit, remote control, and related items.

It can be used as a complete self-contained field tactical radio station and can be controlled from distances up to 5 miles away over a field telephone pair, and up to 7-1/2 miles over facilities of higher quality.

Operates from 115 or 230-v ac.

AN/TRC-TYPE		INSTRUCTION LITERATURE: TM 11-233
SCR-188	SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT:Unclassified
RADIO SET		USING SERVICE : Army
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter BC-191	21-1/2 x 23-1/8 x 9-1/2	55.0
1	Remote Control Equipment RC-47	3-1/2 x 3-1/2 x 2-1/4	0.42
1	Radio Receiver BC-342	10 x 9 x 18	61.5
1	Power Unit PE-75	36 x 9-1/2 x 26-1/2	290.0
6	Transmitter Tuning Units (each)	7-5/8 x 16-3/4 x 8-3/4	72.0
1	Rectifier RA-34	Not Available	240.0

OPERATIONAL CHARACTERISTICS

TACTICAL USE: At division and higher headquarters, antiaircraft battalion, engineers, 11-500 teams.

INSTALLATION: Ground, transportable.

APPROXIMATE RANGE (IN MILES): 100.

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, -7, -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; AN/VRR-2; BC-191, -312, -314, -339, -342, -344, -348, -401, -447, -610, -779, -794, -1004; MBS; MQ; 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, -189, -193, -244, -274, -281, -399, -499, -506, -536, -543, -585, -593, -607, -694, -704; T-4/FRC, -83/SR, -155/FRT, -159/FRT, -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; TCO; TCP; TCS; TCZ; TDE; IDF; 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: Transmitter: 1.5 - 12.5.
Receiver : 1.5 - 18.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice, cw.

POWER OUTPUT: 75 w.

POWER REQUIREMENTS: 115/230 v, ac.

PHYSICAL CHARACTERISTICS

Radio Set SCR-188 weighs 1,385 pounds net. Packed for export shipment: total weight 2,018 pounds, total volume 100 cu ft, 2.5 ship tons.