

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

DATE OF THIS SHEET: 22 Jan 52

**AN/PRC-TYPE**

SERVICE TYPE NUMBER:

SCR-536

RADIO SET



Radio Set SCR-536 is a highly portable, hand-held, short range, transmitting and receiving equipment for a-m (voice) communication by foot-troops in forward areas.

This equipment consists of a crystal-controlled transmitter-receiver contained in a metal housing which also contains the batteries to which the earphone and microphone are assembled. The set is turned on or off by extending or retracting the telescoping antenna which is built into the set. A press-to-talk switch is mounted on the side of the housing.

This set operates on a single preset frequency of 50 available frequency channels any one of which can be preselected.

<b>AN/PRC-TYPE</b>		INSTRUCTION LITERATURE: TM 11-235
SCR-536	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT:Unclassified
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### MAJOR COMPONENTS

QUANT            NAME OF COMPONENT            DIMENSIONS (IN) INSTALLED            WEIGHT (LBS)

(Equipment consists only of a single major operating component.)

### OPERATIONAL CHARACTERISTICS

TACTICAL USE: Lower echelons, schools.

INSTALLATION: Hand carried.

APPROXIMATE RANGE (IN MILES): Normally about 1.

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; 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,  
 -188, -193, -244, -274, -399, -499, -506, -536, -543, -585, -593, -694, -704; T-4/FRC,  
 -93/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; TCO; TCS; TCZ; TDE;  
 TDF; TDH; TDN; TDO; TEB; TEC; TEF; AR-88 (RCA); Collins 19S-4 (AF Model); Collins 32V-2,  
 75A-2; Fisher TS 25-3; Hammarlund SP-600-JX; Marconi TH-41-B; National XRO-50; Westing-  
 house Type MW; Wilcox 96D, 99A.

### TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 3.5 - 6.0 (any one of 50 channels).

TYPE MODULATION: Am.

TYPE OF SIGNAL: Transmitter: Voice.  
 Receiver: Voice and tone.

POWER OUTPUT: 0.02 w.

POWER REQUIREMENTS: 1 Battery BA-37, 1.5 v.  
 1 Battery BA-38, 103.5 v.

### PHYSICAL CHARACTERISTICS

Radio Set SCR-536 packed for export shipment: total weight 17 pounds, total volume 0.6 cu ft.  
 Shipped in 1 package.