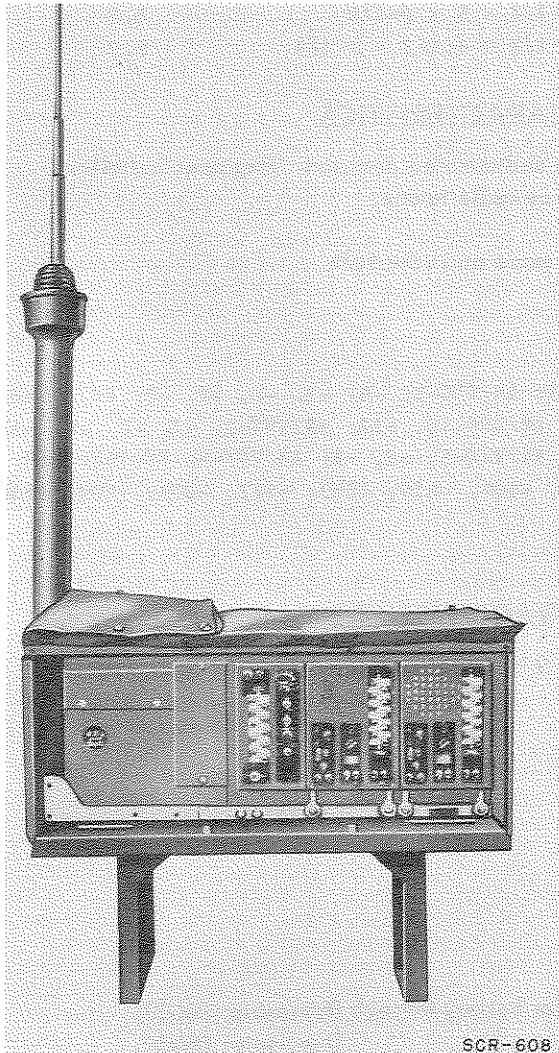


STATUS: Limited Standard CLASSIFICATION OF EQUIPMENT: Unclassified USING SERVICE: Army, Navy DATE OF THIS SHEET: 30 Jan 52	AN/VRC-TYPE	
	SERVICE TYPE NUMBER:	SCR-608
	RADIO SET	



SCR-608

Radio Set SCR-608 is a crystal-controlled, vehicular, short-range, low-power radiotelephone equipment used for f-m (voice) communication in the frequency range assigned field artillery units.

This equipment consists essentially of two receivers and one transmitter, appropriate dynamotors, antenna components, and accessories.

The transmitter and each of the receivers provide 120 channel frequencies, 10 of which may be preset, in each case. Each of these components have on their respective front panels 10 push buttons for selecting frequency channels. There are thus provided 10 transmitting and 20 receiving channels.

This set provides for operation of the interphone equipment of the vehicle in which it is installed.

Through selection of appropriate dynamotors it can operate from 12- or 24-v vehicular storage batteries.

AN/VRC-TYPE		INSTRUCTION LITERATURE: TM 11-620
SCR-608	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET		USING SERVICE : Army, Navy
		DATE OF THIS SHEET : 30 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter BC-684	11-1/2 x 10-1/4 x 18	67.0
1	Mounting FT-237	5-1/2 x 13 x 33-5/8	44.0
2	Radio Receiver BC-683	11-1/2 x 6-3/4 x 12-1/2	35.0
2	Dynamotor DM-34	4-1/2 x 3 x 6-1/2	4.7
1	Dynamotor DM-35	5-1/2 x 4-1/2 x 8-1/4	9.2

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Field artillery elements of infantry and armored division. Engineer battalion, field artillery battery, military police radio teams.

INSTALLATION: Ground, vehicular, operates on the move or at the halt.

APPROXIMATE RANGE (IN MILES): 10 - 15.

CAN COMMUNICATE WITH: AN/CRC-3; AN/FRC-6, -9; AN/GRC-3, -4, -5, -6, -7, -8; AN/MRC-5, -16; AN/PRC-8, -9, -10; AN/SRR-13; AN/TRQ-1; AN/URR-10, -12; AN/VRC-2, -5, -8, -9, -10, -13, -14, -15, -16, -17, -18, -20, -21, -22; AN/VRQ-1, -2, -3; AN/VRR-4; BC-787; MAN; MN; R-137/GR; RBK; SCR-293, -294, -298, -508, -509, -510, -528, -607, -608, -609, -610, -619, -628, -678, -808, -828.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 27.0 - 38.9 in 120 channels.

TYPE MODULATION: Frequency modulated.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 20 w.

POWER REQUIREMENTS: Transmitter: 12-v vehicular battery through Dynamotor DM-35,
 24-v " " " Dynamotor DM-37.
 Receiver: 12-v " " " Dynamotor DM-34,
 24-v " " " Dynamotor DM-36.

PHYSICAL CHARACTERISTICS

Radio Set SCR-608 packed for domestic or export shipment: total weight 660 pounds, total volume 31.6 cu ft, 0.75 ship ton. Shipped in 7 packages both domestic and export.