

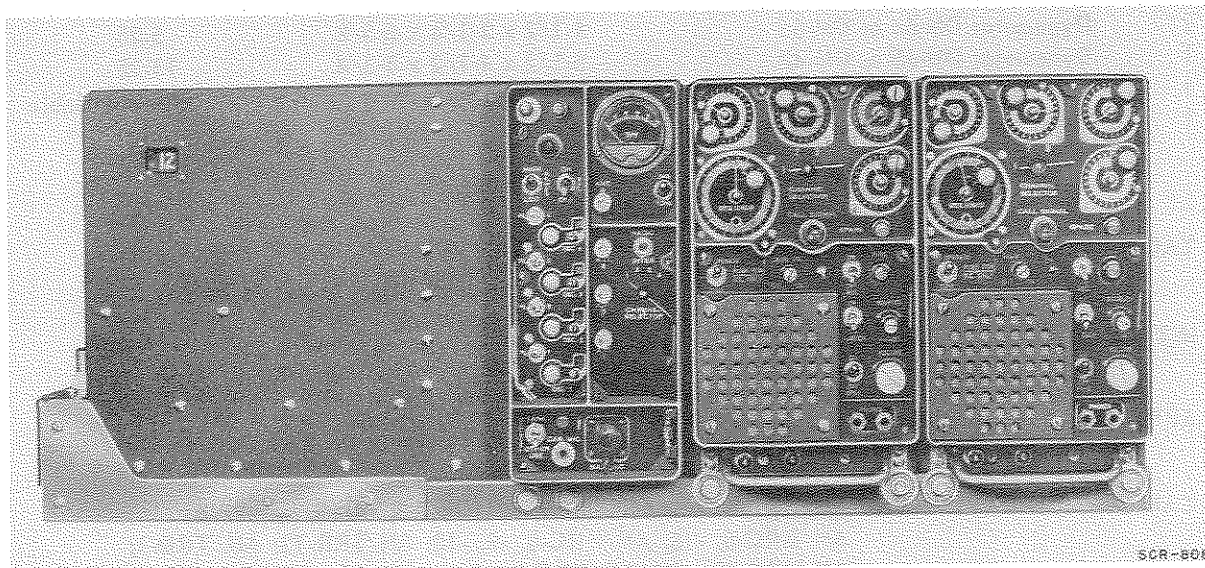
STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army, Navy
DATE OF THIS SHEET: 31 Jan 52

AN/VRC-TYPE

SERVICE TYPE NUMBER:

SCR-808

RADIO SET



Radio Set SCR-808 is a vehicular, crystal-controlled, short-range, f-m (voice only) radiotelephone equipment used for coast artillery, military police, security, and similar operations.

This equipment uses a whip-type antenna and consists of a transmitter and two receivers installed on a common mount. It is capable of covering 120 channels spaced 100 kc apart, four of which are preset and are selected through a four-position selector switch.

This set is powered through an appropriate dynamotor by the 12- or 24- v storage battery of the vehicle in which it is installed.

AN/VRC-TYPE		INSTRUCTION LITERATURE: TM 11-601
SCR-808	: SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET		USING SERVICE : Army, Navy
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter BC-924-A	11-1/2 x 10-1/2 x 18	49
2	Radio Receiver BC-923-A	11-1/2 x 12-3/4 x 6-3/4	42
2	Dynamotor DM-64 or DM-66	4-1/2 x 3-1/4 x 6-5/8	5.25
1	Dynamotor DM-65 or DM-47	5-1/2 x 4-1/2 x 8-3/4	13.25
1	Interphone Amplifier BC-692	Not Available	Not Available
1	Interphone Control Box BC-606	" "	" "

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Antiaircraft battery.

INSTALLATION: Vehicle.

APPROXIMATE RANGE (IN MILES): 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.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 2 to 35 w.

POWER REQUIREMENTS: 12 / 24 v, dc.

PHYSICAL CHARACTERISTICS

Radio Set SCR-808 weighs 373 pounds net. Packed for domestic shipment: total weight 533 pounds,
 total volume 28 cu ft. Shipped in 5 packages.