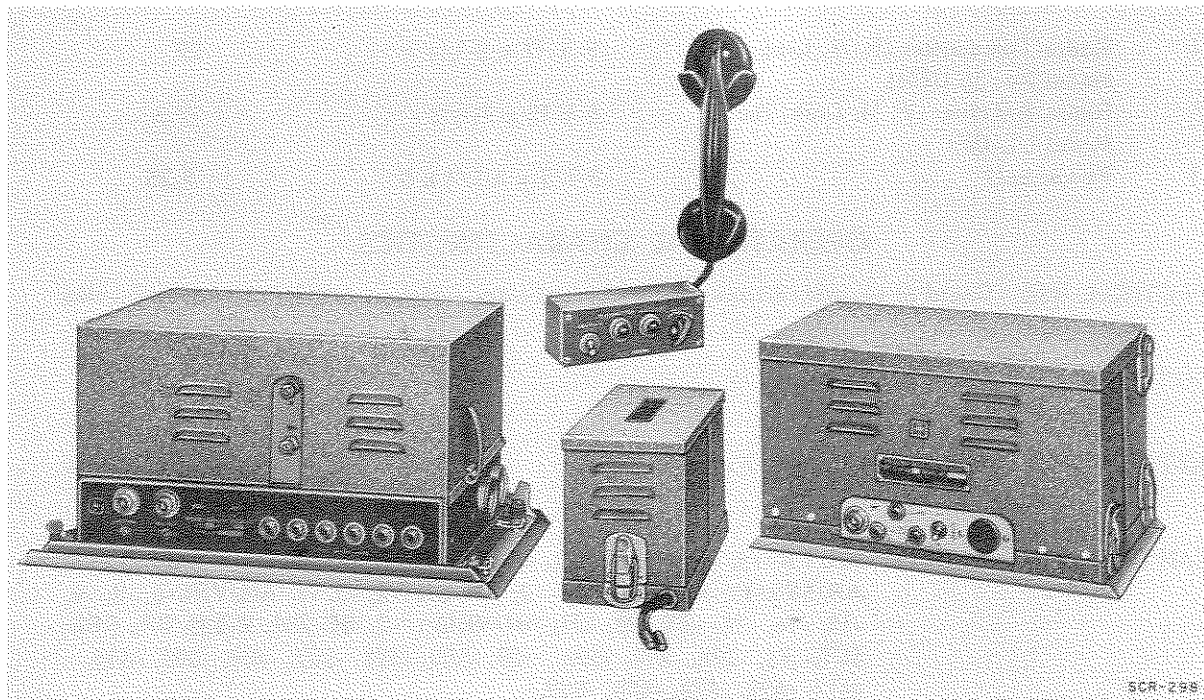


STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army, Navy
DATE OF THIS SHEET: 22 Jan 52

AN/VRC-TYPE

SERVICE TYPE NUMBER: SCR-298
RADIO SET



Radio Set SCR-298 is a vehicular, short-range, f-m (voice) transmitting and receiving equipment used by military police, security troops, and similar units.

This equipment is usually installed in the luggage carrier compartment of a vehicle and consists of a commercial police type radio receiver and transmitter with a power supply. The set is operated by means of a remote control unit installed in the driver's compartment.

Can be used to monitor or operate in radio communication nets serving field artillery or armored force. Operates on power derived from the battery of the vehicle in which it is installed.

AN/VRC-TYPE		INSTRUCTION LITERATURE: None
SCR-298	:SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET		USING SERVICE : Army, Navy
		DATE OF THIS SHEET : 22 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter (F. M. Link, Inc. Model No. 35 UFM)	9 X 17 x 8-1/4	29
1	Radio Receiver (F. M. Link, Inc. Model LL-UF)	9 x 13 x 7-1/2	17.5
1	Power unit	8-1/2 x 4-1/4 x 5	7.25

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Guard or security troops, armored or infantry division, artillery or armored units.

INSTALLATION: Ground, vehicular.

APPROXIMATE RANGE (IN MILES): 7 - 10.

CAN COMMUNICATE WITH: AN/FRT-5, -6; AN/GRC-3, -4, -5, -6; AN/MRC-5, -16; AN/PRC-8, -9; AN/SRR-13; AN/URR-10, -12; AN/URT-2, -3, -4; AN/VRC-5, -8, -9, -13, -14, -16, -17, -20, -21; AN/VRQ-1, -2; BC-787; 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: 20 -28.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice only.

POWER OURPUT: 25 w.

POWER REQUIREMENTS: 6-v vehicular storage battery:
Transmitting: (32 amp).
Stand-by: (2.25 amp).

PHYSICAL CHARACTERISTICS

Radio Set SCR-298 weighs 75 pounds net. Packed for export shipment: total weight 185 pounds, total volume 15 cu ft.