

STATUS: Limited Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Army
 DATE OF THIS SHEET: 15 Feb 52

AN/VRR-TYPE	
SERVICE TYPE NUMBER:	SCR-294
	RADIO SET



Radio Set SCR-294 is a vehicular, short-range, f-m (voice) radio receiving equipment used in armored vehicles. It is also part of Radio Set SCR-293 and is used as the "additional" receiver component of that equipment.

This equipment consists essentially of a single radio receiver and a shock mount. The receiver is capable of operating on five channels spaced 100 kc apart.

Radio Set SCR-294 is the 12-v model of this equipment; Radio Set SCR-294-B is the 24-v model.

Power is supplied by the battery of the vehicle in which the equipment is installed.

AN/VRR-TYPE

INSTRUCTION LITERATURE: None

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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver BC-499	9 x 9-1/2 x 12-1/4	19
1	Mounting FT-239	12-1/2 x 34-1/2 x 2-1/2	Not Available

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Armored vehicles of infantry and armored divisions.

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

APPROXIMATE RANGE (IN MILES): Line of sight.

CAN COMMUNICATE WITH: AN/FRT-5, -6; AN/GRC-3, -4, -5, -6; AN/MRC-5, -16; AN/PRC-8, -9; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-5, -8, -9, -13, -14, -16, -17, -20, -21; AN/VRQ-1, -2; SCR-293, -298, -508, -509, -510, -528, -608, -609, -610, -619, -628, -808, -828.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 20.0 - 27.9: channels spaced 0.1mc apart.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice only.

POWER OUTPUT: 0.5 (nominal) w.

POWER REQUIREMENTS: 12 v or 24 v dc (depending upon model).

PHYSICAL CHARACTERISTICS

Radio Set SCR-294 weighs 50 pounds net, volume 2.6 cu ft. Packed for domestic shipment: total weight 200 pounds.