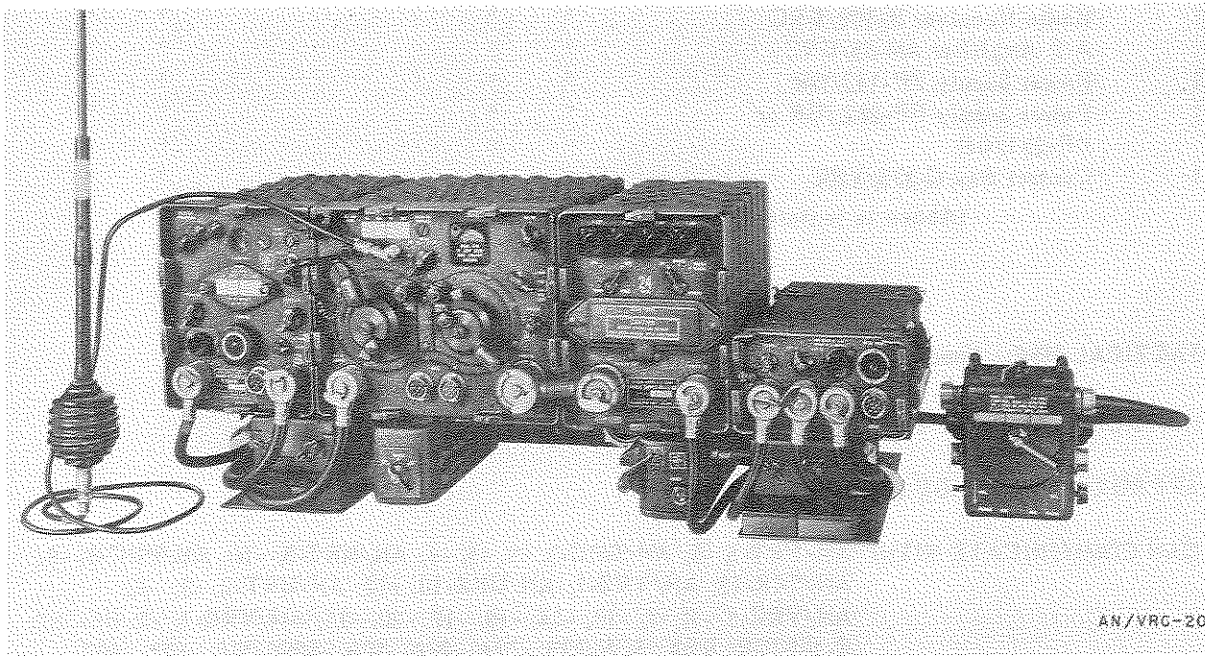


STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 24 Mar 52

AN/VRC-20

RADIO SET



AN/VRC-20

Radio Set AN/VRC-20 is a vehicular, short-range, f-m (voice), radiotelephone equipment for communication within and between armored units and for liaison between armored and artillery units.

This equipment consists of the receiver-transmitter component designated as set 1 when used as part of such radio sets of the integrated series as Radio Sets AN/GRC-3 and AN/GRC-4, plus the auxiliary receiver component of these sets. Vehicular installation unit, power supply equipment, antenna, and control components are included.

AN/VRC-20	INSTRUCTION LITERATURE: TM 11-642
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET	USING SERVICE : Army
	DATE OF THIS SHEET : 24 Mar 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Receiver-Transmitter RT-66/GRC	Not Available	Not Available
1	Radio Receiver R-108/GRC	" "	" "
1	A-F Amplifier AM-65/GRC	" "	" "
1	Power Supply PP-112/GR	" "	" "
2	Power Supply PP-282/GR or PP-281/GR	" "	" "
1	Control Box C-375/VRC	" "	" "

(Above is tentative, nomenclature not yet definitely assigned).

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Armored and artillery units.

INSTALLATION: Vehicular.

APPROXIMATE RANGE (IN MILES): Short.

CAN COMMUNICATE WITH: AN/FRT-5, -6; AN/GRC-3, -4, -5, -6; AN/MRC-3, -16; AN/PRC-8, -9; AN/SRR-13; AN/TRQ-1; 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: 20.0 - 27.9.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 9 - 16 w.

POWER REQUIREMENTS: 12-v or 24-v storage battery.

PHYSICAL CHARACTERISTICS

Information on Radio Set AN/VRC-20 not available.