

STATUS: Standard

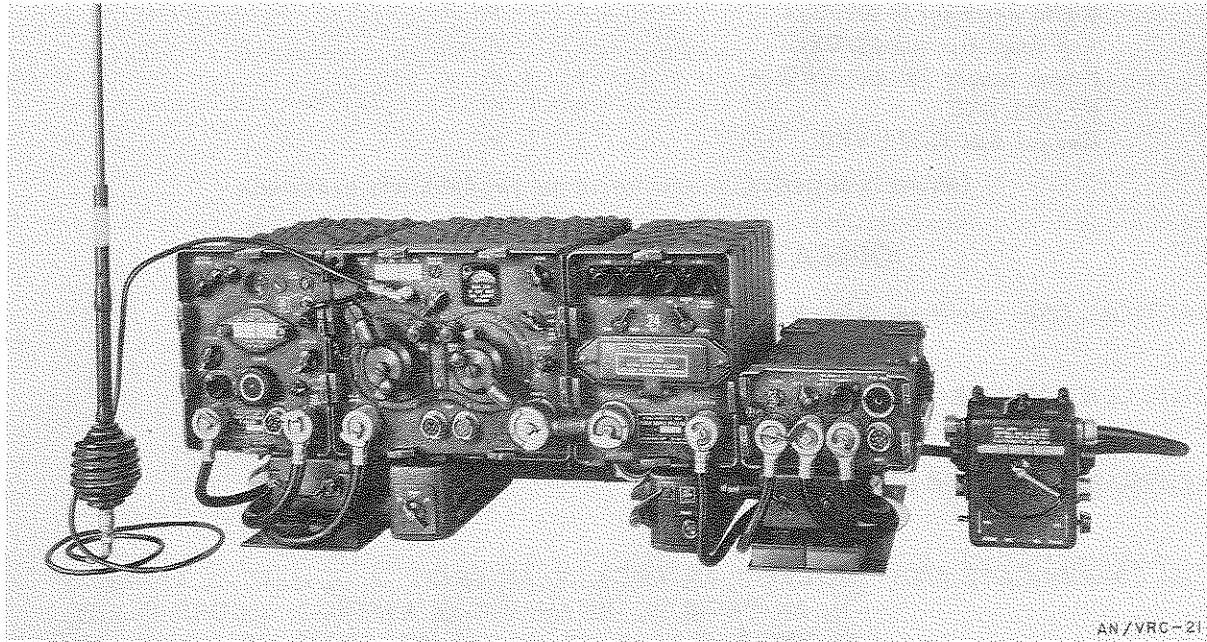
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

DATE OF THIS SHEET: 24 Mar 52

AN/VRC-21

RADIO SET



Radio Set AN/VRC-21 is a vehicular, short-range, f-m (voice), radiotelephone equipment for communication within and between artillery units and for liaison between artillery, infantry, and armored 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-5 and AN/GRC-6, plus the auxiliary receiver component of these sets. Vehicular installation unit, power supply equipment, antenna, and control components are included.

AN/VRC-21

INSTRUCTION LITERATURE: TM 11-642

CLASSIFICATION OF EQUIPMENT: Unclassified

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RADIO SET

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Receiver-Transmitter RT-67/GRC	Not Available	Not Available
1	Radio Receiver R-109/GRC	" "	" "
1	A-F Amplifier AM-65/GRC	" "	" "
2	Power Supply PP-281/GRC or PP-282/GRC	" "	" "
1	Control Box C-375/VRC	" "	" "

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

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Artillery, infantry, and armored units.

INSTALLATION: Vehicular

APPROXIMATE RANGE (IN MILES): Short.

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: 9 - 16 w.

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

PHYSICAL CHARACTERISTICS

Information on Radio Set AN/VRC-21 not available.