

STATUS: Standard

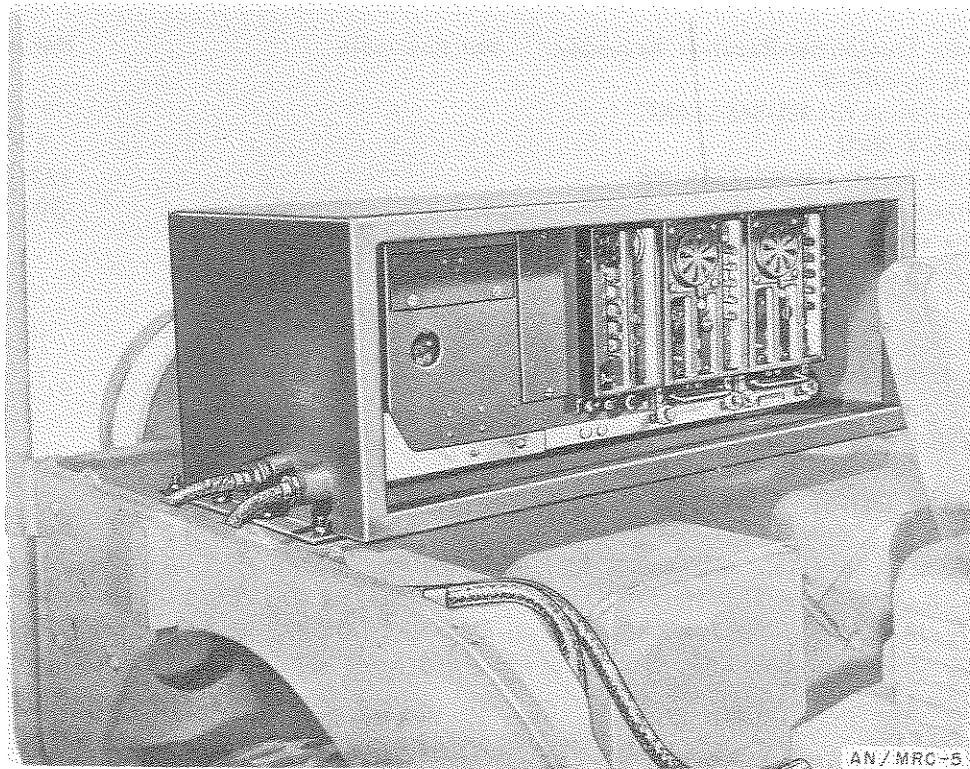
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 23 May 52

**AN/MRC-5**

RADIO SET



Radio Sets AN/MRC-5, -5A, and -5B are mobile, field, f-m (voice) equipment used in internal security applications. Each set is mounted on a 1/4-ton truck (jeep) and consists primarily of a Radio Set SCR-608 or similar equipment, a submersible cabinet, a remote control unit and accessories.

These radio sets are functionally similar, although components and type numbers vary. The AN/MRC-5A and -5B use Radio Transmitter-Receiver Assembly OA-25A/MRC-5 in place of Radio Set SCR-608. The AN/MRC-5B includes an additional power generator, which operates from the engine of the vehicle, and two additional storage batteries.

<b>AN/MRC-5</b>	INSTRUCTION LITERATURE: NavShips 91398
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET	USING SERVICE : Navy
	DATE OF THIS SHEET : 23 May 52

**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter-Receiver Assembly OA-25A/MRC-5	Not Available	Not Available
1	Installation Kit MX-566A/MRC	" "	" "
1	Truck V-35/U	" "	" "
1	Power Supply Kit MX-736A/MR	" "	137
2	Battery BB-221/U	10-5/8 x 7-7/8 x 12-11/16	30
(The above components apply to AN/MRC-5B only.)			

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Shore and field activities.

INSTALLATION: Ground, mobile.

APPROXIMATE RANGE (IN MILES): 5 - 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; MAI; 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, 10 preset channels.  
Receiver also has continuously variable tuning.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: Transmitter: 35 w.  
Receiver: 2 w to speaker or 200 mw to headset.

POWER REQUIREMENTS: Radio set uses storage batteries connected with the truck's electrical system.

**PHYSICAL CHARACTERISTICS**

Information on Radio Sets AN/MRC-5, -5A, and -5B not available.