

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

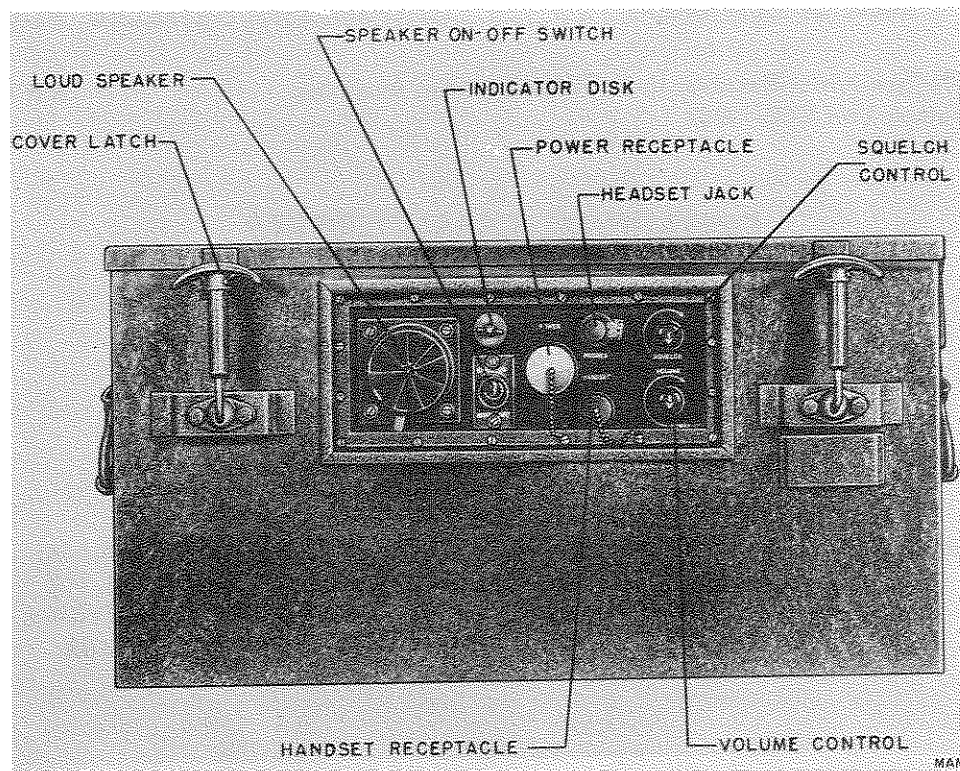
DATE OF THIS SHEET: 9 May 52

**AN/MRC-TYPE**

SERVICE TYPE NUMBER:

MAN

PORTABLE FM RADIO TRANS &amp; REC EQUIP



Portable FM Radio Transmitting and Receiving Equipment MAN is a single-frequency, medium-power, v-h-f (voice), general purpose radio set designed primarily for mobile use.

Crystal oscillator frequency control is employed in both the transmitter and receiver. The equipment, supplied complete, is aligned with proper crystals for operation on 36.5 mc. Crystals for operating on 10 other frequencies within the 30- to 40-mc range are provided.

<b>AN/MRC-TYPE</b>		INSTRUCTION LITERATURE: NavShips 95124
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**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN)	INSTALLED	WEIGHT (LBS)
1	FM Transmitter-Receiver Unit CGG-43057	Not Available		Not Available
1	Battery Unit CGG-19051	" "		" "

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Military police.

INSTALLATION: Ground, mobile.

APPROXIMATE RANGE (IN MILES): 10

CAN COMMUNICATE WITH: AN/CRC-3; AN/FRC-6, -9; AN/GRC-7, -8; AN/MRC-5, -16;  
 AN/PRC-9, -10; AN/SRR-13; AN/TRQ-1; AN/URR-10, -12;  
 AN/YRC-2, -3, -10, -15, -18, -22; AN/YRQ-2, -3; AN/VRR-4;  
 BC-787; MAN; MN; R-137/GR; RBK; SCR-300, -607, -608,  
 -609, -610, -619, -628, -678, -808, -828.

**TECHNICAL CHARACTERISTICS**

FREQUENCY RANGE IN MEGACYCLES: 30 — 40.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 15 to 20 w.

POWER REQUIREMENTS: 6-v storage battery, 3 to 4 hours continuous service.

**PHYSICAL CHARACTERISTICS**

Information on Portable FM Radio Transmitting and Receiving Equipment MAN not available.