

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

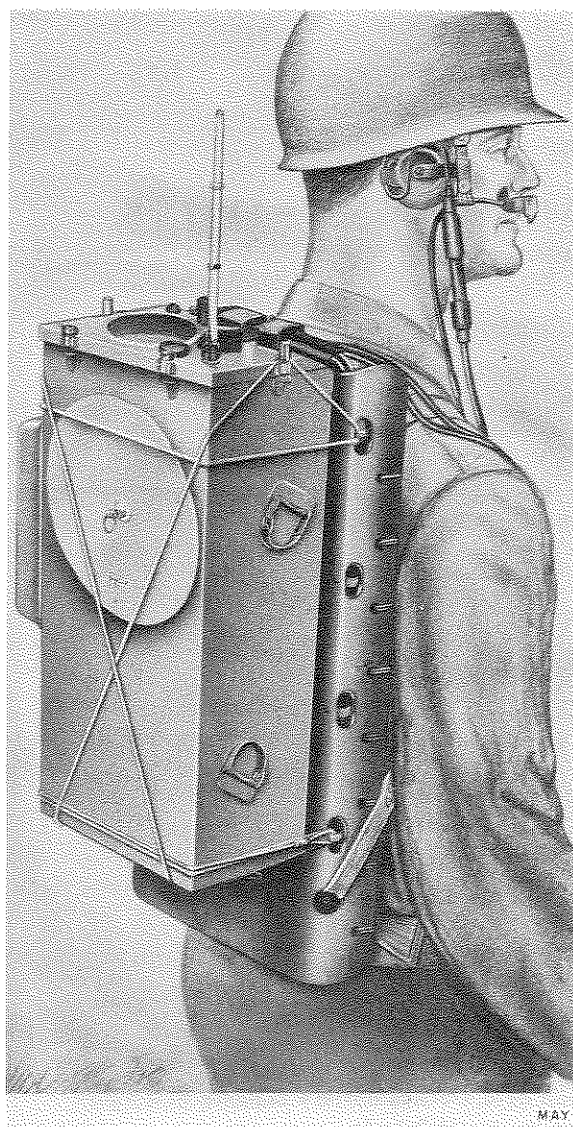
DATE OF THIS SHEET: 23 May 52

AN/PRC-TYPE

SERVICE TYPE NUMBER:

MAY

PORTABLE RADIO TRANS & REC EQUIPMENT



Portable Radio Transmitting and Receiving Equipment MAY is a general service, a-m (voice, mcw) low-power v-h-f/u-h-f transmitter-receiver designed for packboard operation in the field.

Four preset crystal-controlled channels are provided for the transmitter-receiver. It is designed for use with a collapsible broad-band antenna of the ground plane type, but will operate with a collapsible whip type array.

AN/PRC-TYPE		INSTRUCTION LITERATURE: NavShips 91392
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter-Receiver CRP-43071 (with Headset and Microphone)	23-13/16 x 13-1/8 x 10	44.0
2	Antenna AS-408/U	20-9/16 x 2-5/16 x 2-5/16	2.75

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Field, amphibious.

INSTALLATION: Ground, portable.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-12, -19, -27, -30, -33, -34; AN/GRC-16, -27, -29, -30, -32; AN/GRR-7; AN/GRT-3; AN/MRC-12, -20, -22; AN/PRC-14, -17, -20; AN/TRC-32; AN/URC-4; AN/URR-9, -12, -13; AN/URT-10; MAR; MAY; R-278/GR; RDR; RDZ; SCR-616; TED.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 225 - 390.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Mcw, voice.

POWER OUTPUT: Transmitter: 1 w into 50 ohm load.
Receiver: 25 mw into 300 ohm load.

POWER REQUIREMENTS: Self-contained, 6 v, d-c lead acid storage battery capable of 4 hours continuous operation at a duty cyc of 3 to 1.

PHYSICAL CHARACTERISTICS

Information on Portable Radio Transmitting and Receiving Equipment MAY not available.