

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

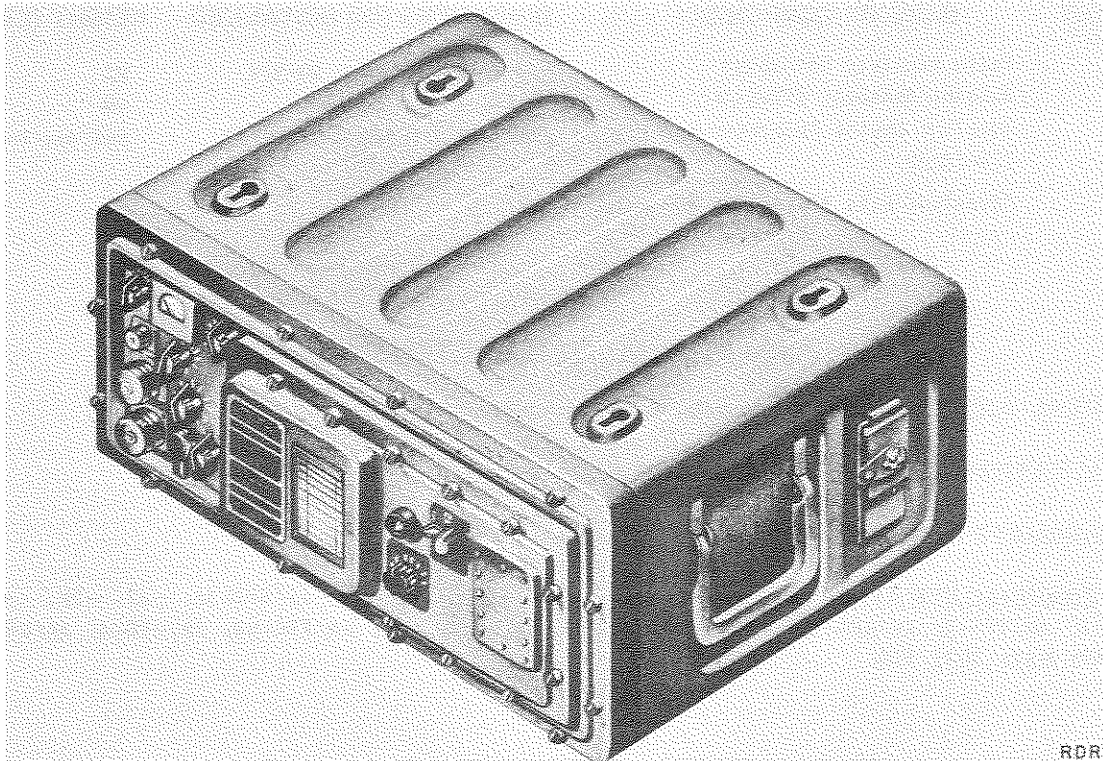
DATE OF THIS SHEET: 29 Apr 52

AN/URR-TYPE

SERVICE TYPE NUMBER:

RDR

PORTABLE RADIO RECEIVING EQUIPMENT



Portable Radio Receiving Equipment RDR is a general purpose, v-h-f/u-h-f, radio Telephone equipment used for ship, shore, field, and vehicular reception of tone signal or voice communication over line-of-sight distances. Ten preset crystal-controlled channels are available locally or remotely.

This equipment is supplied either for shipboard installation, (in which case power is derived from a Vibrator Power Unit CLG-20379, not supplied with the RDR), or for field, or vehicular installation. In the latter case, two shipping chests are supplied.

The vehicle's electrical system, or the gasoline engine generator set supply power to operate the receiver.

One Crystal in Holder CFT-40178 and a set of 10 crystals are required but not supplied.

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900,841
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CRV-46283	3-1/4 x 27-1/4 x 20-3/4	91
1	Antenna Assembly CRV-66147	7-1/8 x 31 x 8-1/4	26
1	Gasoline Engine Generator Set CCW-73037	12-9/16 x 9-5/8 x 15-19/32	Not Available

*Supplied with field type RDR only.

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard, shore stations, or vehicular.

INSTALLATION: Shipborne, ground, vehicular.

APPROXIMATE RANGE (IN MILES): Line of sight.

CAN COMMUNICATE WITH: AN/ARC-12, -19, -27, -30, -33, -34; AN/GRC-16, -27, -29, -30, -32; AN/GRT-3; AN/MRC-12, -20, -22; AN/PRC-14, -17, -20; AN/TRC-32; AN/URC-4; AN/URT-10; HAR; HAY; TDZ; TED.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 225 - 390.
10 crystal-controlled preset frequencies available.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Mcw, voice.

POWER OUTPUT: 1 w, 600 ohms.

POWER REQUIREMENTS: 145 w, 13 v, dc; or
145 w, 13 v, ac and 375 v, dc.

PHYSICAL CHARACTERISTICS

Portable Radio Receiving Equipment RDR measures 13-1/2 x 27-1/4 x 20-3/4 inches.