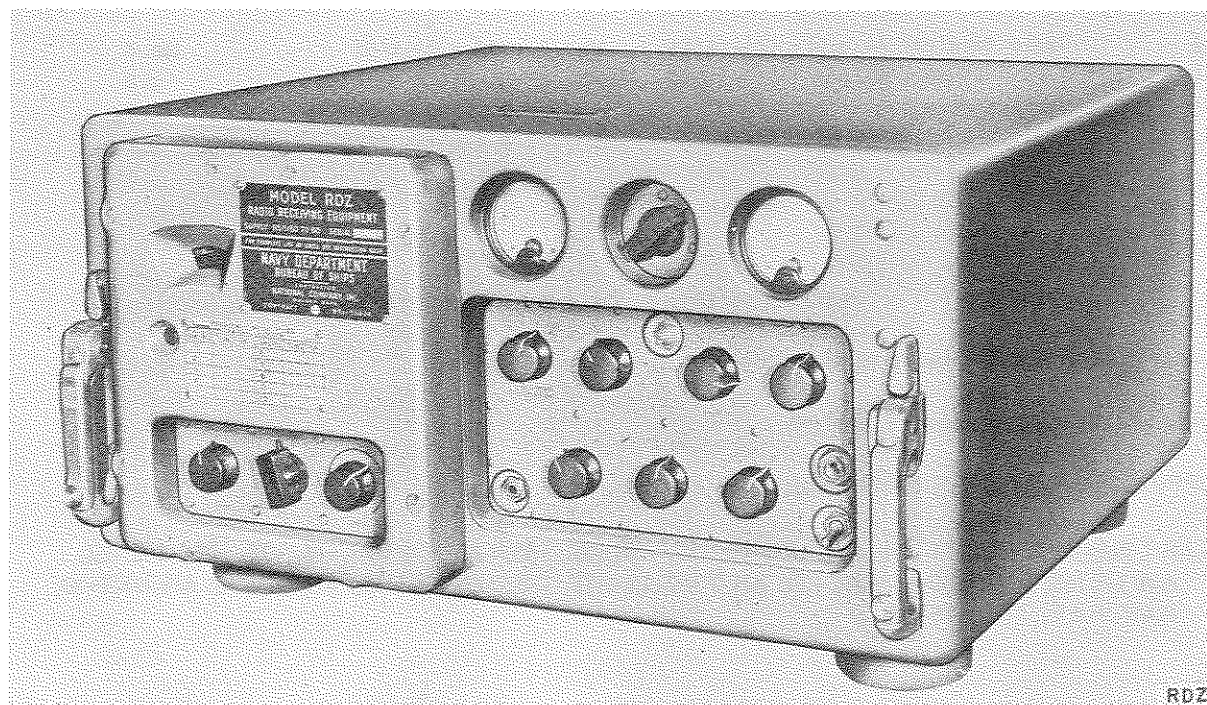


STATUS: Standard	AN/URR-TYPE
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Navy	
DATE OF THIS SHEET: 29 Apr 52	SERVICE TYPE NUMBER: RDZ
VHF RADIO RECEIVING EQUIPMENT	



VHF Radio Receiving Equipment RDZ is a general purpose, crystal-controlled, radiotelephone receiver which operates in the v-h-f/u-h-f range of 225 to 400 mc.

This receiver has a remote channel selector, making the system rapidly tunable to any one of 10 preset, crystal-controlled channels.

It incorporates a frequency-scanning amplifier stage and a video-output amplifier stage, which make it adaptable to panoramic reception, when used in association with a display unit.

An antenna such as Antenna Assembly NT-66147, Antenna AT-150/SRC, or Antenna Assembly AS-390/SRC is required but not supplied.

AN/URR-TYPERDZ :SERVICE TYPE NUMBER
VHF RADIO RECEIVING EQUIPMENTINSTRUCTION LITERATURE:
NavShips 91331, 900,617
CLASSIFICATION OF EQUIPMENT:Unclassified
USING SERVICE : Navy
DATE OF THIS SHEET: 29 Apr 52**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver Assembly CNA-46275	13-1/8 x 22 x 22-5/32	150.0
1	Remote Channel Selector CNA-23492	4-9/16 x 5-1/4 x 3-5/16	2.0
2	Crystal Oven CNA-40148	2-1/4 x 3-21/32 x 2-19/32	0.75
100	Crystal Unit (Package) CNA-40162	1-1/2 x 9-1/4 x 5-1/4	2.0

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

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;
MAR; MAY; TDZ; TED.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 225 - 400.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Mcw, voice.

POWER OUTPUT: Audio channel: 60 mw into 600 ohm load or 600 mw into 30 ohm load.
Phone jack: 4 mw into 600 ohm load.
Video channel: 1.5 v into 1,000 ohm load.

POWER REQUIREMENTS: 175 w, 110 - 120 v, 50/60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

VHF Radio Receiving Equipment RDZ measures 13-1/8 x 22 x 22-5/32 inches.