

STATUS: Substitute Standard

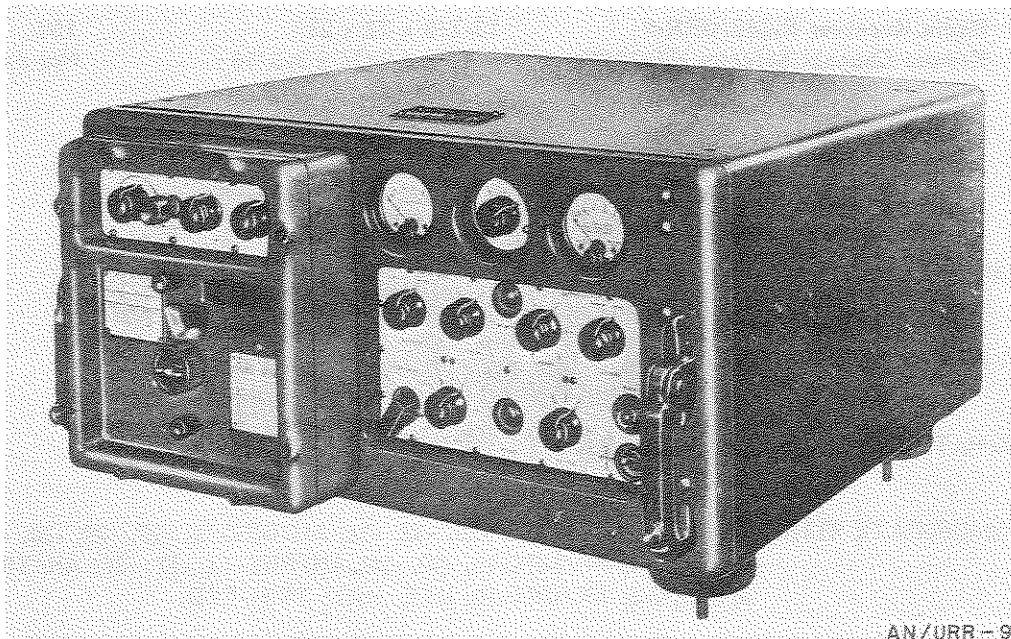
CLASSIFICATION OF EQUIPMENT: Restricted

USING SERVICE: Navy

DATE OF THIS SHEET: 9 May 52

**AN/URR-9**

RADIO RECEIVING SET



Radio Receiving Set AN/URR-9 is a general purpose u-h-f, a-m (voice) receiver for use in emergencies as a replacement for VHF Radio Receiving Equipment RDZ. It is designed for ship or shore use. This equipment has automatic (crystal) and manual (self-excited) frequency control. Selection of ten preset frequencies can be made manually, or automatically, by front panel controls, or automatically from up to four remote points by use of selector control units.

It is designed to operate with a vertically polarized, unbalanced broad-band, coaxial stub antenna (such as Antenna Assembly AS-390/SRC) or with a broad-band, dipole antenna (such as Antenna AT-150/SRC).

Special terminals can be connected to associated apparatus, such as a radio-frequency scanning unit to provide a visual picture of the signals received. Video output terminals are provided for connection of special apparatus not associated with the normal function of the receiver.

<b>AN/URR-9</b>	INSTRUCTION LITERATURE: NavShips 91201
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**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver R-289/URR-9	13-1/8 x 22 x 23	150
* 1 to 4	Remote Channel Selector NT-23492	5-1/4 x 4-9/16 x 3-5/16	Not Available

\*Not supplied.

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Medium.

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: 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 across 1,000 ohm load.  
 Scanning Channel: More than 10,000 uv across 50 ohm load.

POWER REQUIREMENTS: 230 w, 115 v, 50/60 cyc, 1 phase, ac.

**PHYSICAL CHARACTERISTICS**

Radio Receiving Set AN/URR-9 measures 13-1/8 x 22 x 23 inches, net weight 226 pounds, volume 7.54 cu ft. Packed for domestic shipment: total weight 426 pounds, total volume 17.50 cu ft.