

STATUS: Standard

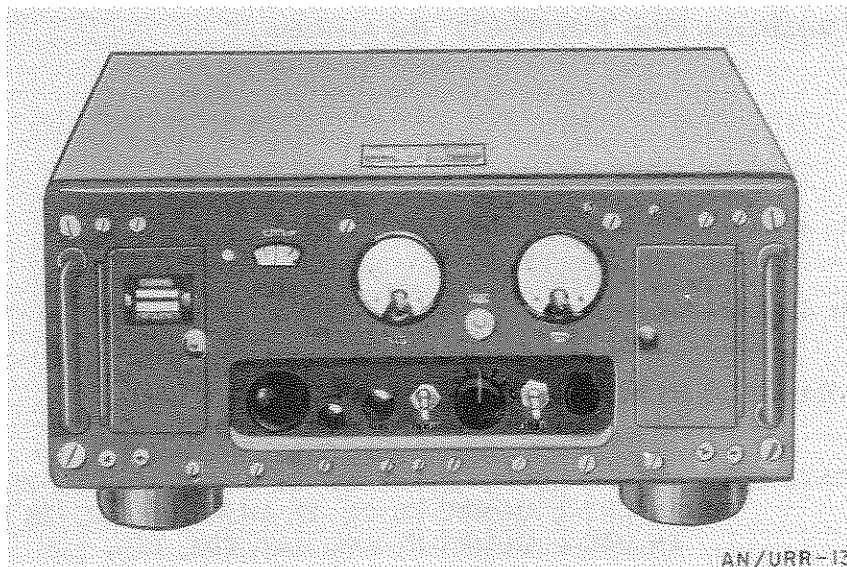
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy, Air Force

DATE OF THIS SHEET: 29 May 52

**AN/URR-13**

RADIO RECEIVING SET



Radio Receiving Sets AN/URR-13 (including -A, -B, and -D) are general purpose, a-m (mcw, voice) equipments for use on Naval vessels, at Naval air and shore stations, or at other units of a military establishment, for u-h-f communication.

This equipment, replaces VHF Radio Receiving Equipment RED, and is used in conjunction with Radio Transmitting Equipment TED.

It may be operated on a single crystal-controlled channel, or by the self-excited conversion oscillator for continuously variable manual tuning.

Provision is made for connecting a panoramic type radio receiver to provide a visual picture of a received signal.

The receiver is designed to be used with a 1/4-wave broad-band antenna.

<b>AN/URR-13</b>	INSTRUCTION LITERATURE: NavShips 91270
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### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver R-266/URR-13	7 X 19 x 19-1/8	57
1	Band Suppression Filter F-89/URR-13	Not Available	Not Available

### OPERATIONAL CHARACTERISTICS

TACTICAL USE: Aircraft traffic control 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: Voice, mcw.

POWER OUTPUT: 60 mw into 600 ohm load or 600 mw into a 00 ohm load.

POWER REQUIREMENTS: 125 w, 110 - 120 v, 50/60 cyc, 1 phase, ac.

### PHYSICAL CHARACTERISTICS

Radio Receiving Set AN/URR-13, (including -A, -B, -D) measures 8-7/16 x 17-1/2 x 19-1/8 inches.  
Packed for domestic shipment: total weight 167 pounds, total volume 7.4 cu ft. Shipped in one package.