

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

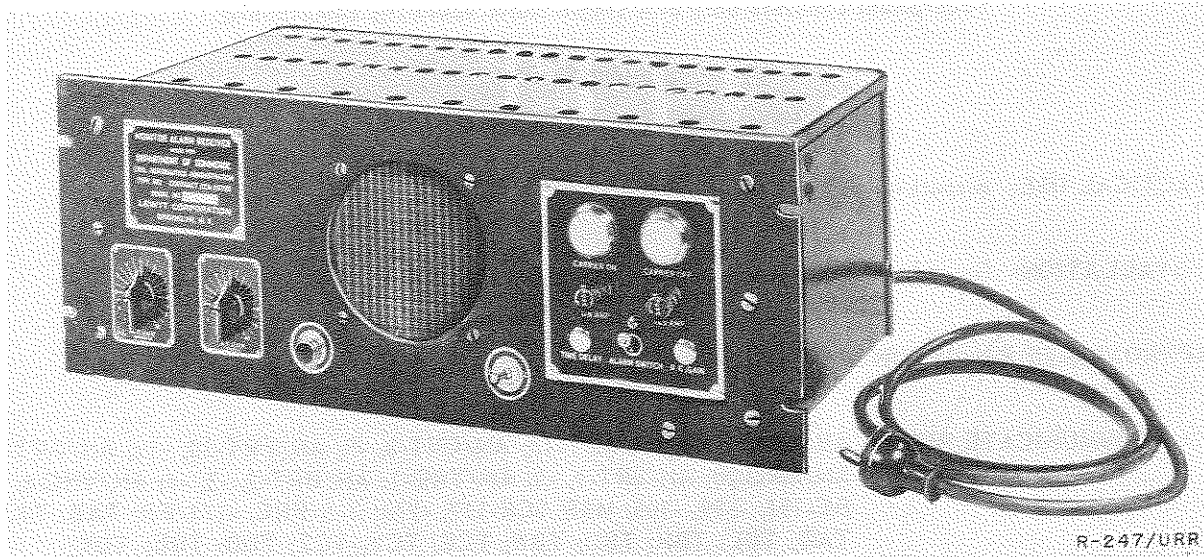
DATE OF THIS SHEET: 29 Apr 52

**AN/GRR-TYPE**

AN/COMP TYPE NUMBER:

R-247/URR

RADIO RECEIVER



Radio Receiver R-247/URR is a rack-mounted, a-c operated, fixed-tuned, radio range, tuned-radio-frequency receiver designed for the monitoring of compass locator station transmitters. An alarm buzzer and signal lamps operate whenever the received signal drops below a predetermined level.

This equipment provides instantaneous or time delay alarm operation. The time delay circuit delays operation of the alarm system for 10 to 15 seconds to prevent undesired operation of the alarm, caused by the absence of a signal during normal short-time transmission interruptions.

Has three r-f stages individually adjustable from the back of the receiver but does not provide automatic volume control.

Can use a single vertical wire antenna.

<b>AN/GRR-TYPE</b>		INSTRUCTION LITERATURE: NavShips 91084
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**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
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(Equipment consists only of a single major operating component.)

**OPERATIONAL CHARACTERISTICS**

**TACTICAL USE:** Airport control or aeronautical ground stations.

**INSTALLATION:** Ground, rack-mounted.

**APPROXIMATE RANGE (IN MILES):** Medium.

**CAN COMMUNICATE WITH:** AN/ARC-5, -8; AN/ART-13; AN/CRT-3, -5; AN/FRT-10, -19; AN/GRT-2; AN/MRC-20; AN/SRT-1, -3; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-4; BC-191, -329, -365; MBS; SCR-177, -274; T-5/FRC, -171/FR; TAB; TAJ; TAQ; TBL; TBN; TBU; TBW; TCE; TCY; TCZ; TDD; TDE; TDK; Marconi TH-41-B; Wilcox 99A.

**TECHNICAL CHARACTERISTICS**

**FREQUENCY RANGE IN MEGACYCLES:** 0.2 - 0.55.

**TYPE MODULATION:** Am.

**TYPE OF SIGNAL:** Voice, mcw.

**POWER OUTPUT:** Built-in loudspeaker: 0.5 w. Auxiliary output terminals: 0.2 w.

**POWER REQUIREMENTS:** 48 w, 115v, 60 cyc, 1 phase.

**PHYSICAL CHARACTERISTICS**

Radio Receiver R-247/URR measures 6-31/32 x 19 x 10 inches. Packed for domestic shipment: total weight 40 pounds.