

STATUS: Standard

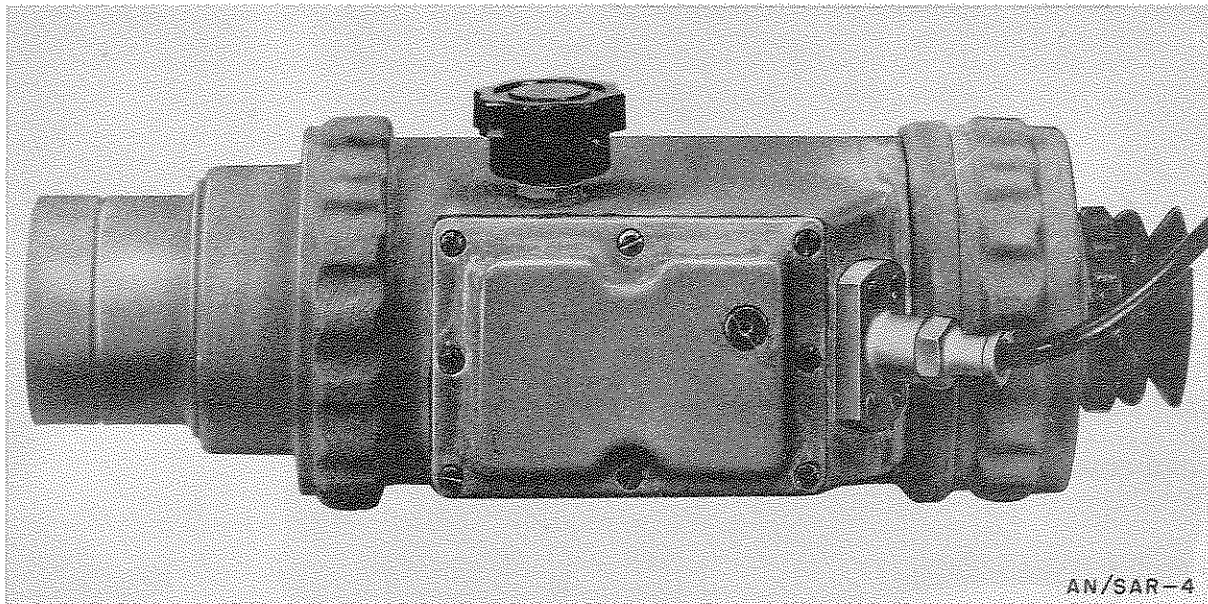
CLASSIFICATION OF EQUIPMENT: Restricted

USING SERVICE: Navy

DATE OF THIS SHEET: 23 May 52

**AN/SAR-4**

INFRARED RECEIVING SET



Infrared Receiving Set AN/SAR-4 is a shipboard receiver of invisible light signals for use at night in converting invisible infrared radiation to visible light by a photoelectric tube known as an image tube.

The receiver consists of a lens and mirror system, an image tube, an eyepiece lens assembly and certain electrical components. It may be either hand-held or mounted; and may be powered by batteries or ship's power.

**AN/SAR-4**

INSTRUCTION LITERATURE: MIL-I-16130 (Ships)
CLASSIFICATION OF EQUIPMENT: Restricted
USING SERVICE : Navy
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INFRARED RECEIVING SET

**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: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Line of sight.

CAN COMMUNICATE WITH: AN/SAC-1.

**TECHNICAL CHARACTERISTICS**

FREQUENCY RANGE IN MEGACYCLES: 0.8 — 1.5 microns.

TYPE OF SIGNAL: Visual.

POWER REQUIREMENTS: 6 v dc or 115 v dc/ac.

**PHYSICAL CHARACTERISTICS**

Information on Infrared Receiving Set AN/SAR-4 not available.