

STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 27 Jan 52

AN/PVC-TYPE

SERVICE TYPE NUMBER:

EE-84

SIGNAL LAMP EQUIPMENT



EE-84

Signal Lamp Equipment is a portable, visual-signaling device which is used for communication by means of flashes of white or red light which are keyed in accordance with the dots and dashes of telegraphic codes. It is used in line-of-sight communication, airport traffic control, and similar applications in forward areas of infantry divisions, by military police and security troops, and similar units.

This equipment consists essentially of a prefocused lamp in a cylindrical housing, a tripod, and associated battery box. It has a sighting telescope having illuminated crossed-hairs used in setting up and aiming the device, and a compass and azimuthal scale for orientation.

It is powered by flashlight-type batteries.

AN/PVC-TYPE		INSTRUCTION LITERATURE: TM 11-391
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Signal Lamp M-132	10 x 5-1/2 (diameter)	5.5
1	Tripod (Ordnance type G for aiming circle type M1916)	34 x 4 (diameter when folded)	7.4
	Cords, accessories, boxes and bags	Not Available	24.0

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Infantry divisions in forward areas, airport traffic control, military police, security troops and similar units.

INSTALLATION: Ground, transportable, operates in fixed position.

APPROXIMATE RANGE (IN MILES): 2.5 miles in bright sunlight (maximum). Many times this range at night. Line of sight.

CAN COMMUNICATE WITH: Observer stations at remote terminal, or intermediate relay points, of a line-of-sight system.

TECHNICAL CHARACTERISTICS

NUMBER AND TYPE OF CHANNELS: 1, keyed, or interrupted light flashes.

COMMUNICATION SPEED: 8 wpm.

TYPE LIGHT SOURCE: Incandescent lamp, prefocussed, paraboloidal reflector.

SPECIAL FEATURES: May use filters to modify light to red or other color.
Includes red filter goggles for reading red light signals.

POWER REQUIREMENTS: 8 Batteries BA-30 plus 8 spares.

PHYSICAL CHARACTERISTICS

Signal Lamp Equipment EE-84 measures 60 x 60 x 60 inches, net weight 37.1 pounds, volume 1.2 cu ft. Packed for export shipment: total weight 70 pounds, total volume 6 cu ft. Shipped in 2 packages.