

STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Navy
DATE OF THIS SHEET: 29 May 52

AN/UXA-TYPE

AN/COMP TYPE NUMBER: CV-97/UX
FREQUENCY SHIFT CONVERTER

NO PHOTOGRAPH AVAILABLE

Frequency Shift Converter CV-97/UX limits and demodulates received frequency shift signals and converts them to a-m signals which are used to operate facsimile equipment. The resulting intelligence is used to modulate the a-f carrier which in turn is fed to the signal input of a suitable facsimile recorder.

This equipment is normally used in association with Radio Receiving Equipment RBC.

AN/UXA-TYPE		INSTRUCTION LITERATURE: Not Available
CV-97/UX	:AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
FREQUENCY SHIFT CONVERTER		USING SERVICE : Navy
		DATE OF THIS SHEET : 29 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Receiver-converter	8-3/4 x 19 x 17	Not Available
1	Cabinet	11 x 22 x 18	90

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne or shore.

CAN COMMUNICATE WITH: This is signal-modifying equipment used in conjunction with primary communication apparatus.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: Center frequency, 0.40. Frequency shift in $\pm$ 400 cps.

TYPE OF SIGNAL: Output is a-m 1-, 2-, or 3-kc signal.

POWER OUTPUT: 0 to + 20 dbm, 600 ohms.

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

PHYSICAL CHARACTERISTICS

Frequency Shift Converter CV-97/UX weighs 90 pounds net, volume 2 cu ft.