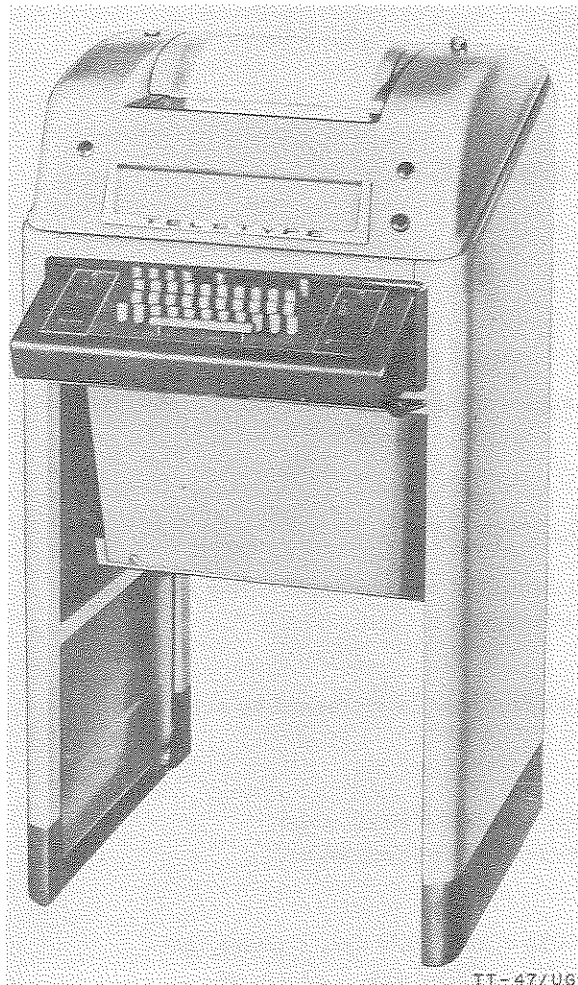


STATUS: Standard CLASSIFICATION OF EQUIPMENT: Unclassified USING SERVICE: Navy DATE OF THIS SHEET: 8 May 52	AN/UGC-TYPE	
	AN/COMP TYPE NUMBER:	TT-47/UG, TT-48/UG TELETYPEWRITER



TT-47/UG

Teletypewriters TT-47/UG and TT-48/UG are used for the transmission or reception of teletype messages in wire or radio communication circuits.

The TT-47/UG and TT-48/UG are identical equipments except for the motor units supplied; the TT-47/UG has a synchronous drive AC Motor PD-17/U while the TT-48/UG has a series, governor-controlled unit, AC Motor PD-18/U.

The machines are of the page printing type, normally using paper that is 8-1/2 inches wide; paper with a smaller width (minimum 3 inches) may be substituted.

TT-47/UG and TT-48/UG are identical with Teletypewriters TT-69/UG and TT-70/UG respectively, except for the cabinets supplied with the equipments.

For wire communication circuits, a rectifier-power unit, and a line-control unit, or line relay, are required.

AN/UGC-TYPE	INSTRUCTION LITERATURE: NavShips 91393
	CLASSIFICATION OF EQUIPMENT: Unclassified
TT-47/UG, TT-48/UG : AN/COMP TYPE NUMBER	USING SERVICE : Navy
TELETYPEWRITER	DATE OF THIS SHEET : 8 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Cabinet CY-870/UG	39-1/2 x 20-1/2 x 18-1/4	81
1	Power Distribution Panel SB-154/UG	8-1/8 x 4-5/8 x 15	5
1	Keyboard MX-114/UG	4-3/4 x 15-1/2 x 17-1/2	11
1	Automatic Keyer MX-115/UG	9-3/4 x 10-1/2 x 15-1/2	19
1	AC Motor PD-17/U or PD-18/U	5-1/8 x 8-1/8 x 4	9

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

CAN COMMUNICATE WITH: Five unit code teletype equipment geared for 368 OPM.

TECHNICAL CHARACTERISTICS

OPERATING FUNCTIONS: Page printing of incoming messages and keyboard typing unit for transmission of outgoing messages.

OPERATING SPEED: 368 OPM as supplied; operating speed may be increased by substituting a different set of gears.

MOTOR CHARACTERISTICS: TT-47/UG: Synchronous (capacitor start) motor.
TT-48/UG: Series, (governor-controlled) motor.

POWER REQUIREMENTS: TT-47/UG: 65 w, 115 (± 10%) v, 60 (±0.5) cyc, 1 phase, ac.
TT-48/UG: 65 w, 115 (± 10%) v, 50/60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Teletypewriters TT-47/UG, TT-48/UG measure 39-1/2 x 20-1/2 x 18-1/4 inches, net weight 130 pounds, volume 12.55 cu ft. Packed for domestic shipment: total weight 315 pounds, total volume 24.09 cu ft, 0.5 ship ton.