

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy, Air Force

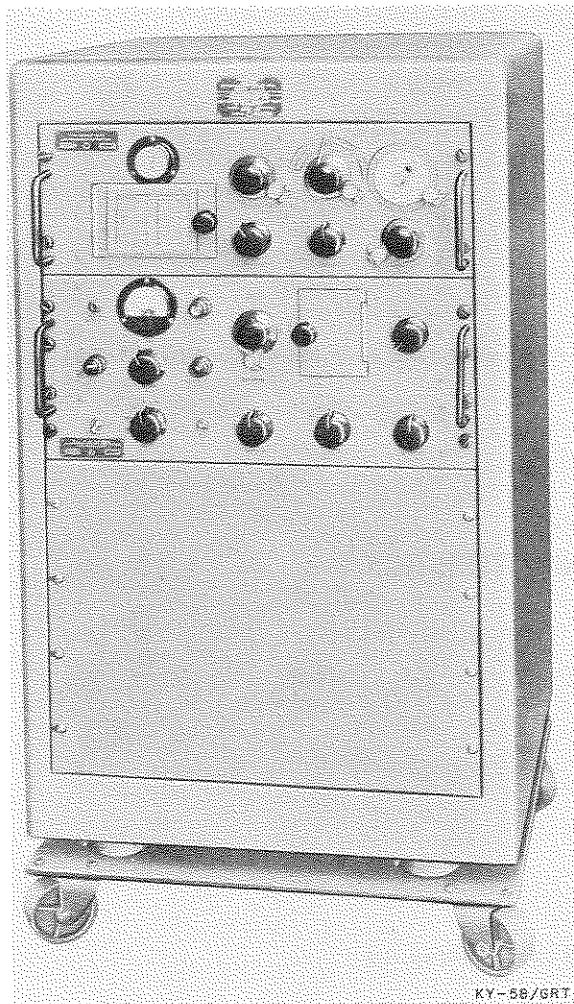
DATE OF THIS SHEET: 15 May 52

AN/GGA-TYPE

AN/COMP TYPE NUMBER:

KY-58/GRT

KEYER



Keyer KY-58/GRT is used at long distance transmitting station to improve transmission. It replaces the exciter of a c-w transmitter, with a source of excitation that can be shifted in frequency (a small value higher and lower) to produce telegraph or facsimile signals corresponding to those delivered to the keyer input. This frequency-shift method is used to minimize selective fading, interference, and static disturbances.

This Keyer can be connected to an external master oscillator (such as that of the associated transmitter) and provides three crystal-controlled channels.

AN/GGA-TYPE		INSTRUCTION LITERATURE: NavShips 91,543
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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: Shore stations.

INSTALLATION: Ground.

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

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 1.0 - 6.7.

TYPE MODULATION: Fm.

TYPE OF SIGNAL: Frequency shift keying facsimile.

POWER OUTPUT: 6 w into 75 ohm load.

POWER REQUIREMENTS: 470 w, 115 / 230 v, 50/60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Keyer KY-58/GRT measures 41-7/16 x 22-1/8 x 29-9/16 inches, net weight 322 pounds. Packed for domestic shipment: total weight 469 pounds, total volume 20.89 cu ft. Shipped in 2 packages.