

TP-1345 TENNECOMP LIGHT PEN ASSEMBLY



The Light Pen Assembly provides the user of Tennecomp systems with a simple and powerful technique of communication. In conjunction with the TP-1442 Display Scope and User-Aid Software, information can be transferred either into or out of the system by simply "writing" on the screen. In addition, the Light Pen can be used to initiate program operations.

The assembly consists of the pen and the photomultiplier pulse-shaping circuit. The pen barrel, lightweight and pencil size, is connected to the photomultiplier pulse-shaping circuit through a 4 ft. durable plastic fiber bundle. The pen incorporates a contact sensitive switch for computer interrogation of "pen down". The photomultiplier pulse-shaping circuit contains the photomultiplier, high voltage supply, and pulse-shaping circuit which provides standardized pulses acceptable to the system's computer. The assembly is sensitive to a wide range of screen intensities but is insensitive to ambient light.

Although the Light Pen Assembly is especially tailored for use with the Tennecomp System and User-Aid Software, it is sold as a unit and may be plugged into any Digital Equipment Corporation Computer or can be adapted for use on most other computers.

POWER REQUIREMENTS

115 V A. C.
+ 10 V D. C.
- 15 V D. C.

MOUNTING REQUIREMENTS

The photomultiplier pulse-shaping circuit is mounted on a 5 1/4 in. by 19 in. rack mount panel