

# AIRBORNE DISPLAY

## IRIG-B TIME CODE READER / COCKPIT DISPLAY

The **ES-278** is a six-digit IRIG-B Time Code Reader. The unit receives time code and displays Hours, Minutes and Seconds on bright red 0.4" LED displays. A front panel brightness control and glare resistant filter allow the display to be viewable in a wide range of light conditions. Designed and built for airborne/cockpit environments, the **ES-278** assures reliable performance even in the most demanding environments.

### Features

- 12 & 28 VDC Power
- Long-Life LED Displays
- Low Power Consumption
- Six-digit .4" Red LED Display
- Front Panel Brightness Control
- Simple Installation And Operation
- Wide Operational Temperature Range
- Automatic Error Detection And Correction
- Rugged Compact Design For Airborne And Ground Mobile Use



The **ES-278** receives +10 to +40 VDC via a rear-mounted ITT Cannon #KPT02E-10-98P connector. IRIG-B is received on a rear-mounted BNC connector. Although the unit is intended for real time applications, it is capable of reading IRIG-B from 1/4x to 6x normal speed and includes an error detection and correction feature.

The optional "AC" adapter accommodates easy "bench testing" of the **ES-278**.

### SPECIFICATIONS

#### ELECTRICAL

<b>Power Requirement:</b>	+10 to +40 VDC, 350 mA maximum
<b>IRIG-B Input Impedance:</b>	25 K $\Omega$ minimum
<b>Mark Amplitude:</b>	10 VPP maximum, 0.3 Vpp minimum
<b>Mark To Space Ratio:</b>	3:1 nominal

#### MECHANICAL

<b>Front Panel:</b>	5.75" Wide x 1.6" High x 1/8" Thick
<b>Chassis:</b>	5.00" Wide x 1.6" High x 5.50" Deep Textured-Black Powder-Coated Aluminum
<b>Weight:</b>	1 1/2 pounds
<b>Options:</b>	AC, F, J

OTHER TIME CODES AVAILABLE UPON REQUEST, PLEASE CONSULT FACTORY

