MECHANICAL

2.200
1.350

TYPE AA
BATTERY

M880   HEAT SINK   3.125

.250   2.750

3.885

TYP 45°
4 PL.

M880A
CHRONOMETER

GMT

DIM

GMT LT   ET
SELECT CONTROL

DAVTRON

3.175

4-40 CS
82° TYP
4 PL.

ELECTRICAL

5
4   9
3   8
2   7
1   6

Remote "Control" switch 28VDC activates

28 Volts

GND
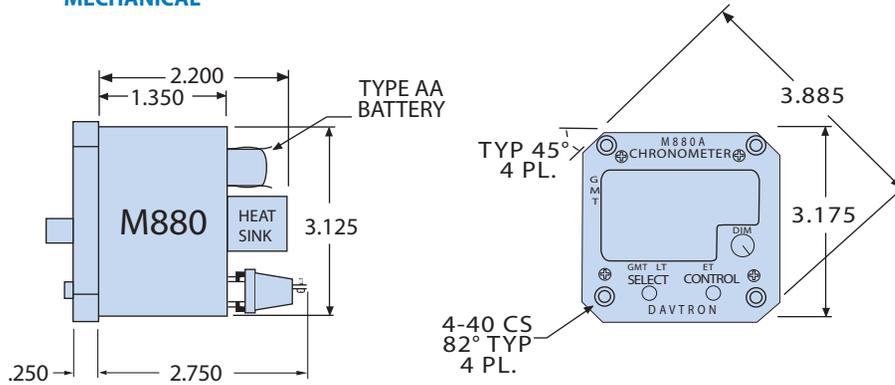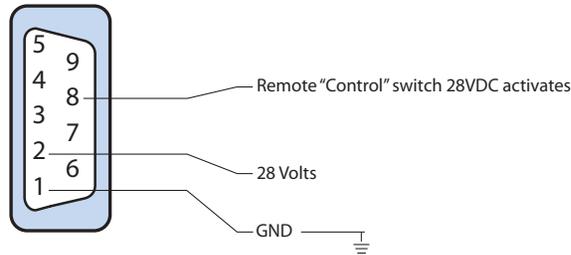
SPECIFICATIONS

- **GMT** full 6 digit, hours/ minutes/ seconds

- **Local Time** 24 hour, 4 digit

- **Four Digit Elapsed Time** count up starts minutes, seconds then hours and minutes up to 99:59

- **Elapsed Time count down** settable from one second to 59 minutes 59 seconds

- **Elapsed Time Alarm** activates at zero when counting down and flashes display

- **N.V.G.** compatible

- **Battery** type AA alkaline

- **Input Current** 500ma

- **Input Voltage** 28 volts D.C.

- **Weight** 10 oz.

- **Warranty** one year

NVG DIGITAL CLOCK
Full six-digit GMT clock

Universal & Local Time
Elapsed Time - Count Up / Count Down Alarm

M880A

BG7B

M880A-S

GREEN A

NVG Compatible Display

FEATURES

- **Two-button control system is natural and error-free. Setting operations are identical for all features US Patent #4,486,077**

- **Control switch has remote capability**

- **Incandescent displays**

- **N.V.G. filter**

- **Manual dimming of the display**

- **Full 6 digit display selectable GMT/Local**

- **Time/Elapsed Time**

- **Elapsed Time is count up or down**

- **A 4 Megahertz crystal precision time reference**

- **Keep alive battery with 2 year life**

DAVTRON INC

M880A   DIGITAL CLOCK

CLOCK OPERATION

Normal Operation
The SEL button selects what is to be displayed on the four digit window and the CTL button controls what is being displayed. Pressing select sequentially selects GMT, Local Time, Elapsed Time and back to GMT. The control button starts and resets Elapsed Time when momentarily pushed. Normal operation of the 880A cannot accidentally reset time.

Setting GMT
Select GMT for display in the four digit window with the SEL button. Simultaneously press both the select and control buttons to enter the set mode. The tens of hours digit will start flashing. The control button has full control of the flashing digit and each button push increments the digit. Once the tens of hours is set, the select button selects the next digit to be set. After the last digit has been selected and set with the control button, a final push of the select button exits the mode. The lighted annunciator will resume its normal flashing, indicating the GMT clock is running.

Setting LT
Select Local Time, LT, using the SEL button. Simultaneously push the SEL and CTL buttons to enter set mode. The tens of hours digit will start flashing. The set operation is the same as for GMT, except that minutes are already synchronized with the GMT clock and cannot be set in Local Time.

Control/Select Disable
When there is no aircraft power applied to the clock the SEL and CTL buttons are disabled.

Elapsed Time Count Up
Select ET for display. Pressing the CTL button will start ET counting. Elapsed Time counts up to 59 minutes, 59 seconds, and then switches to hours and minutes. It continues counting up to 99 hours and 59 minutes. Pressing the CTL button again resets ET to zero.

Elapsed Time Count Down
Select ET for display and enter set mode by pressing both buttons simultaneously. A count down from any time, a maximum 59 minutes and 59 seconds, can be set. The time is entered the same as UT setting. Once the last digit is set, pressing the SEL button exits the set mode and the clock is ready to start the countdown. Pressing the CTL button now will start the countdown. The alarm becomes active at zero, flashes the displys, and enables the external alarm. Pressing either button, SEL or CTL, will reset the alarm. After reaching zero the ET counter will count up.

Test Mode
Hold the SEL button down for three seconds and the display will indicate 88:88 and activate all four annunciators.

GMT Time

Local Time

Elapsed Time