ELAPSED TIME CLOCK

The Elapsed Time Clock is a special version of the Digital Wall Clock series. The Clock is powered by 115vac 60Hz. The time keeping is based on the 60Hz line frequency for accuracy. ON/OFF and START/STOP control is handled by a remote switch box or wall mounted switchplate. A battery backup (supplied) will retain the timing during power failures. The display will not light on battery backup but timing will continue.

OPERATION

ON/OFF(RESET) - This switch controls the display and resetting the clock. The switch must be in the ON position to time an event. When the switch is in the OFF position the display will display :06 seconds and will start counting down. When the time reaches :00, the Clock will reset all internal timing and turn off the display. The clock is now reset for the next event. If the switch is returned to the ON position before the count reaches :00, the time is retained and displayed. This eliminates accidental clearing of accumulated time.

START/STOP - This switch controls the actual timing. The ON/OFF switch must be in the ON position to enable the START/STOP switch. In the START position, the clock is timing and the display is on continuous. The STOP position will stop the clock and retain the time to the second in memory. The display will flash at a 1 second rate when in the STOP position. Timing may be restarted by returning the switch to the START position.

SETUP

The DET-400-xxx (DET-300-xxx) displays 4 digits. The clock will display time up to 99:59:59. The clock will display Hours and Minutes or Minutes and Seconds. This is selected with jumper J1. With the jumper installed, the clock will display Hours and Minutes. The DET-406-xxx (DET-306-xxx) will display Hours, Minutes, and Seconds.

Transformer

I.C.

Battery

I.C.

J1 = Hour-Minute /
Minute-Second Select
Remove for
Minute-Second Display