

**ULTRAK 420 STOPWATCH  
 ULTRAK 450 STOPWATCH EL VERSION  
 OPERATING INSTRUCTIONS**

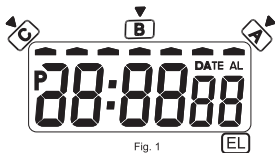


Fig. 1

**FEATURES:**

- chronograph with laptime display
- alarm with chime
- hour, minute, second, month, date and day display, 12/24 hour system and month/date or date/month display by user option
- 3 Volt Lithium long life battery
- water- resistant
- Electro-Luminescent backlighted LCD in ULTRAK 450 only.

**CLOCK MODE:**



Fig. 2

1. Depress B to go to CLOCK mode. Display is as shown in Fig. 2.

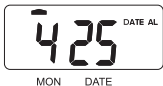


Fig. 3

2. Depress and hold A to display MONTH/DATE, as shown in Fig. 3. (Display will revert to normal HOUR/MIN./SEC. display if A is no longer depressed.) As long as A is held and MONTH/DATE is displayed.



Fig. 4

3. From the normal HOUR/MIN./SEC. display, depressing and holding C will display the ALARM time, as shown in Fig. 4. (Display will revert to normal HOUR/MIN./SEC. display if C is no longer depressed). Depression of A will turn on, or turn off the alarm, AL is on when alarm is armed.

4. When the ALARM time is displayed by holding C. Depressing B can turn on or off the hourly chime alternately, as shown in Fig. 5.



Fig. 5

5. From the normal time display mode press B 2 times can go into the ALARM time setting mode with the ALARM hour digits and the ALARM SET indicator blinking, press A to set the digits and C to select the digits, as shown in Fig. 6. The ALARM is armed automatically if the contents have been set. When the normal time coincides with the ALARM time the stopwatch the alarm will sound for 30 seconds. Depression of any button when the alarm sounds stops the alarm.

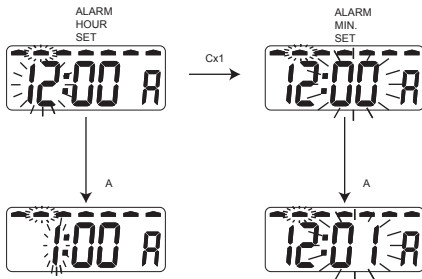


Fig. 6

6. From the ALARM SET mode depress B once to go to the TIME SET mode with the TIME SET indicator and the SEC. digits blinking, as shown in Fig. 7. Depress A to set the digits and C to select the digits, as shown in Fig. 8. When all have been set, depress B to return to the normal time mode.

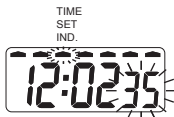


Fig. 7

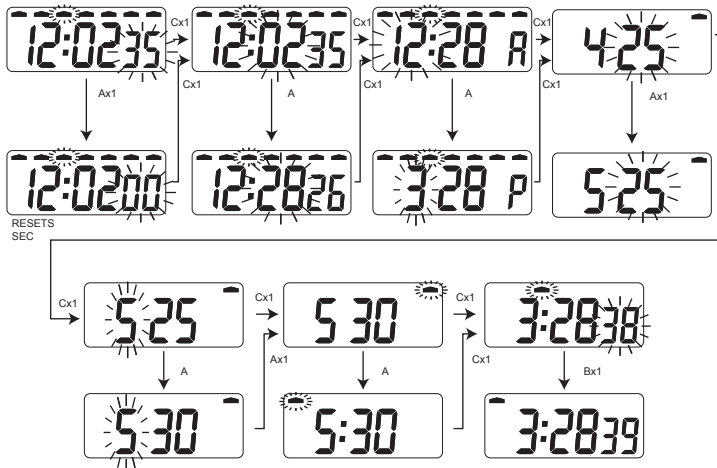


Fig. 8

## CHRONOGRAPH MODE:

- From the normal time mode, depress B to go to the CHRONO mode, as shown in Fig. 9. Depress A to start (as shown in Fig. 10) and stop (as shown in Fig. 11) the Chronograph. When the chronograph is running depressing C will show the SPLIT time at which C is depressed (Fig. 12). When the chronograph is stopped depressing C will reset the chronograph to zero, The chronograph displays MIN./SEC./1/100SEC until 39 min 59. 99 sec., (during which the 1/100sec indicator is blinking), after which the display will change to HOUR/ MIN./SEC. and the 1/100sec indicator stop blinking. The chronograph has a full range of 23 hours 59 min. 59sec.



Fig. 9

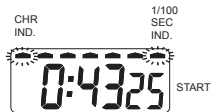


Fig. 10



Fig. 11



Fig. 12

## CARE OF YOUR STOPWATCH

### WATER RESISTANCE

- The stopwatch is designed to withstand accidental contact with water such as splashes or rain, but it is not designed for use in water. Do not operate the buttons when the stopwatch is wet.

### TEMPERATURE

- Do not leave your stopwatch under direct sunlight or in very high temperatures for a long time, the display may become black. Do not leave your stopwatch in very low temperature as this may cause a slight time loss or gain and the change of digits becomes slow. In both cases the above conditions will be corrected when the stopwatch returns to normal temperature.

### SHOCKS

- Be careful not to drop your stopwatch or hit it against hard surfaces as it may cause a mechanical damage.

### STATIC ELECTRICITY

- The integrated circuit in your stopwatch can be affected by static electricity. If the static electricity is very strong, a permanent damage can occur. Be careful of the screen of the TV set and the wearing of clothing made of synthetic material in dry weather; in such cases a very strong electricity can be generated.

### MAGNETISM

- Not affected

### CHEMICALS

- Do not expose your stopwatch to solvents such as gasoline and alcohol, spray of cosmetics, cleaners, paints etc as they may cause damage to the stopwatch.

#### CALIFORNIA, USA ONLY

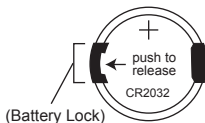
This Perchlorate warning applies only to primary CR(Manganese Dioxide) Lithium coin cells sold or distributed ONLY in California USA.

"Perchlorate Material-special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)."

### BATTERY CHANGE

When the display becomes dim or faded out, battery replacement is necessary.

1. Turn the battery cover off from close to open position by using the rope holder.
2. Push the Battery Lock in the direction shown to release the old battery.



3. Install a fresh lithium battery CR2032 into the battery holder, please make sure the Battery Lock is in the position shown.
4. Re - install the battery cover, turn the dot from open to close position.