LC-2 DIGITAL CHRONOMETER

LIQUID CRYSTAL
DISPLAY

TIMER
ANNUNCIATOR
POSITION

TIME SET
(CLOCK)

RESET
(TIMER)

QUARTZ CHRONOMETER

TIMER   CLOCK
SET   DT/AV
MODE
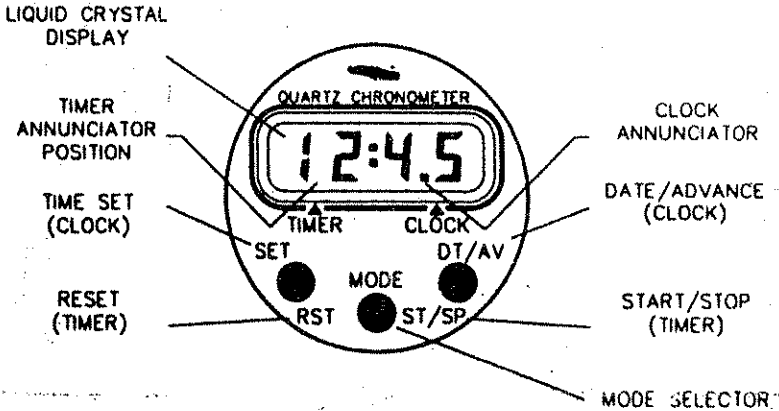RST   ST/SP

CLOCK
ANNUNCIATOR

DATE/ADVANCE
(CLOCK)

START/STOP
(TIMER)

MODE SELECTOR

MODE SELECTION

The **MODE** button if pressed to select the desired operation, either Clock or Timer. In the Timer Mode, the annunciator will appear above the word Timer. In the Clock Mode, the annunciator will appear above the word Clock if in 12 hour mode.

NOTE: The clock can be switched internally for either 12 or 24 hour operation. In the 24 hour mode, there is no clock annunciator.

OPERATING INSTRUCTIONS

TIMER MODE

Press the **MODE** button to position the annunciator above the word TIMER. Labels below the left and right buttons describe timer functions. To start the timer counting, press the **ST/SP** button one time.

TIMER OPERATION

The timer will initially count in minutes and seconds, and the colon will blink every second. After 59 minutes and 59 seconds, the timer will change to count in hours and minutes up to a maximum of 23 hours and 59 minutes. During the hours and minutes count, the colon will indicate counting activity by blinking every ten seconds.

The timer count may be stopped and held at a particular time by pressing the **ST/SP** button. To add to the existing count, press the **ST/SP** button again, and the timer will continue counting up from the previous total. To start a new count, press the **RST** button to zero the display. Press the **ST/SP** button to start a new count.

During the hours and minutes count, the hold mode can be recognized by the lack of colon activity for a ten second duration. The colon may be continuously on or off in the hold mode.

DISPLAY TEST

This test should be done with the clock in the **Timer Mode.**
Pressing both the **SET** and **DT/AV** buttons at the same time will result in a display test function. All display segments, colon, and annunciators will be activated. The clock will return to the timer mode. (If the display test is done in the Clock Mode, it will return in the set condition and have to be reset.)
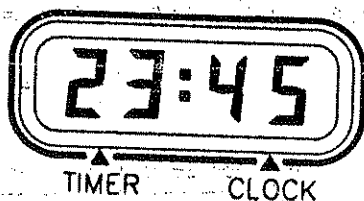
CLOCK MODE

Press the **MODE** button to position the annunciator above the word **CLOCK.** Words above the left and right buttons describe the buttons in the clock mode.

Date Setting: Press the **SET** button one time. The month's digit will flash. Press the **DT/AV** button to advance the digit to the desired month. Press the **SET** button one time and the day's digit will flash. Press the **DT/AV** button to advance to the desired day. Press the **SET** button, and the date is now set.

Time Setting: 12 or 24 hour time is displayed according to the setting of the internal 12/24 hour switch. In 24 hour clock operation, the clock annunciator on the display does not appear. Clock or timer function is indicated only by the timer annunciator on the display.

To set the time, press the **SET** button to cause the hour's digit to flash. Press the **DT/AV** button until the desired hour is displayed. Then press the **SET** button one time to cause the minute's digit to flash. Press the **DT/AV** button to advance the minutes to the next minute coming up. The **SET** button is pressed once more to hold the time displayed. When the time standard used shows the exact time displayed, press the **DT/AV** button to start the clock function at the exact second.

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Note: It is always necessary to go through the date step before setting the time. If the date is correct, simply press the **SET** button four times to cause the hour's digit to flash. Then proceed with instructions above to set time.
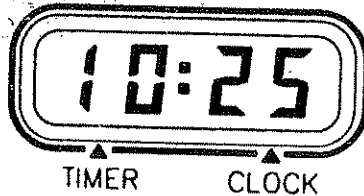
If the minutes are not advanced when they are flashing in the set mode, pressing the **SET** button will return the clock to the normal time keeping mode without altering the minutes. This feature is useful when changing time zones.

CLOCK OPERATION

Normal clock operation will be indicated by the colon which blinks every ten seconds.

DATE OPERATION

With the Clock Mode selected, momentarily pressing the **DT/AV** button will activate the date mode to the display. The Month:Date will be visible for 1.5 seconds. The display will then automatically return to the clock display. During the display of the date, the Clock annunciator will be blanked from the display.


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TIMER      CLOCK
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Note: If in the Clock Mode, the colon is not flashing every ten seconds, press and hold the **DT/AV** button until the time returns. This will activate proper colon operation.