

# DT-2000



## Features

- 2000 memories
- Segregated memory (capability to memorize LAP times of different races)
- User Selectable LAP/SPLIT or LAP/SPEED display
- Average and best lap time display
- Automatic release of LAP time after 10 seconds to allow progress monitoring.
- Data transfer to DT-500P printer during operation or selectively by race later (optional)
- Data transfer to Windows computer through cable with Digilink upload program (optional)

## TIMER

- Dual timers which start one after another for use in training programs.
- Can be used as ordinary countdown timer if 2nd timer is not set

## CLOCK

- Hour, minute, seconds, month, date, day and alarm
- 12/24 hour and month/date display user selectable

## STOPWATCH OPERATION

Press C to go to the stopwatch mode. Press A to start.

Press B to get the first lap time. The lap time is shown at the top row, the split time at the middle row and the total running time on the lower row. 10 seconds later, the display will automatically be released to show the running lap and split times to allow the user to keep track of progress.

Press B to get the 2nd lap time.

Press A to stop.

Press B to reset and be ready for the next race. The counter at the top left corner displays the memories left for further races. Further races can be recorded by pressing A mid B buttons as above. Since some memories are used for memorizing the data and number of race, the memories left is not 1998 in the operation example above. Press D to recall data stored. The display shows the date in which the race was record and MCH-I-001 (MSP for SPEED mode) stands for the first race recorded in LAP/SPLIT mode at that date which we call the race record. Pressing B button when the stopwatch is displaying race record will show the next race record (if there was). The lap times in each race record can be recalled by pressing D

Press D to recall the 1st lap data. Press D again to recall the 2nd lap data. Continuously press D button to show the stopped time, average lap time then best lap time.

The average calculation and best record do not take in account the last section of time before STOP. Therefore, in order for the stopwatch to keep track of the average and best records of all laps, always use the B button at the end of the race. Pressing D again will recall the next record (if there was).

Pressing and holding A when the stopwatch is displaying the race records will clear the memories of that race record; and continuously holding A will clear all memorized race records.

## SPEED SETTING

In the stopwatch mode, before the start of a race, push and hold B for 2 seconds to go to the SPEED SET mode. The 1st digit in the lowest row is flashing to indicate setting of the thousandth of distance. Push A to set and B to select the next digits. The highest setting for distance is 9999,999. After all digits are set, press B again to set the TIME unit with the top left corner HR flashing. Use A to set to HR, MIN or SEC. When the distance and time unit are set, press C to return to the SPEED mode. Press A to start the counting Press B to get the 1st lap time at the top row and the speed at the middle row. If, for example, the distance is set to 200 (meters) and time unit set is in second, the speed calculated from a lap time of 17.09 seconds is 11.70m/sec. Using the B button, to get next lap time and its corresponding speed. Recall operations in the SPEED mode are the same as that in the LAP/SPLIT mode.

BASE 3 STROCK / FREQUENCY: If the distance is set to 180 and time unit to seconds, the speed reading for 3 strokes give the number of strokes / minute.

MEMORY USED UP: When all memories have been used, the 4 digits lap counter at the top left corner will start blinking to indicate all memories have been used up. All further lap will not be recorded in memory unless some memories are cleared as previously indicated. When there is no memory left pressing A to start a race will generate 4 short beeps.

DO NOT LEAVE THE STOP WATCH RUNNING IF NOT IN USE AS THAT DRAINS A HIGHER POWER FROM THE BATTERY.

## TIMER OPERATION

Press C until the stopwatch goes to the timer mode. The top row of the display shows the 1st timer and the middle row 2nd timer. Press and hold B for 2 seconds to go into the set timer node with the hour digit of the 1st timer blinking. Press A to set the desired hour for countdown. Press B to go to the first digit in minutes and press A to set minutes. Similarly, by using B and A, the desired countdown times for the 1st and 2nd timers can be set. Press C once any time during timer setting mode will complete the setting and the timer is ready to start upon pressing A. Press A to start countdown with the <1> at the top right corner blinking and the timer starting counting down. When the 1st timer approaches zero, the timer gives 4 beeps and the 2nd timer starts counting down immediately. When the second timer approaches zero, it gives 2 beeps and the 4 digits counter at the lowest row advances by 1 automatically. At any time during countdown pressing A will stop counting.

## PRINT ALL MODE/UPLOAD ALL MODE

PRINT ALL MODE is for transfer data to DT-500P printer.

UPLOAD ALL MODE is for transfer data to Windows computer.

Press C to go to the PRINT ALL/UPLOAD ALL mode. Press D button allows to switch between PRINT ALL and UPLOAD ALL mode. Pressing A starts transferring all memorized records to the printer or computer (if connected). When the stopwatch is in the process of transferring data, an indicator moves from right to left. When data transfer is completed, PRINT END or UPLOAD END will be displayed.

Pressing B at the PRINT ALL/UPLOAD ALL mode will go the PRINT/UPLOAD RACE mode. Press B to select particular race to transfer. Press A to start transferring the selected race in memories. Pressing C any time during the data transfer process will stop transfer immediately.

If the stopwatch is not reset, it will be impossible to transfer data and the display will show PRINT 0 or UPLOAD 0, there will not be any action upon pressing A or B.

## TIME

Press C to go to the TIME MODE.

Press and hold B to go into the time set mode with AL HOUR blinking. Press A to set the AL HOUR. Press B to select digits in the following sequence: AL HR, AL MIN 1st digit, AL MIN 2nd digit, AL ON/OFF, YEAR last digit, YEAR 1st digit, MONTH, DATE, 12/24 HR selection, HOUR, MIN 1st digit, MIN 2nd digit and SECONDS. Press A to set the blinking digits. Press C any time during setting to complete the setting procedure and return to the normal TIME display. If 12HR mode is selected, the calendar reads: MONTH/DATE/YEAR. If 24HR mode is selected calendar reads: DATE/MONTH/YEAR. The calendar automatically adjusts for weekday and odd even months including February of leap year up to year 2089. Press D in the TIME mode to arm or disarm the alarm. When the alarm is armed, the alarm indicator will be turned on and the alarm will sound at the preset alarm time.

## CARE AND MAINTENANCE

The DT2000 stopwatch is designed to withstand accidental contact with water such as splashes or rain, but in not designed for use in water. Do not operate the buttons when the stopwatch is wet.

## REPLACING THE BATTERY

When the battery low indicator light up, battery replacement is necessary. Unscrew and remove the back cover. Unscrew the battery contact. Replace with fresh Lithium battery CR2032 or equivalent. Use a small metal tool (such as tweezers or screwdriver) to momentarily short circuit the AC pad. Re-screw the back cover.

THE WARRANTY WILL NOT COVER THE BATTERY