Stopwatch Timer

810025R
Instruction Manual

KEY FUNCTIONS

Mode	Display	S1	S2	S3	S4	S5	Digit (0-9)
Timer	Stop	Mode	Start	Reset	Up/Down (Select)	Memory	Set Timer
	Start	Mode	Stop	- - -	- - - -	View Data	- - -not working
Stopwatch	Stop	Mode	Start	Reset	- - - -	- - - - - -	- - -
	Start	Mode	Stop	Split	Split/S. Lap (Select)	- - - - - -	- - -

STOPWATCH

TIMER

minutes

seconds

hours

hours

seconds

Split/S. Up indicator

1/100 of a sec.

Stopwatch mode indicator

The mark "=" indicates SPUT mode

The mark "---" indicates S. Lap mode

TIME IS UP indicator minutes

the mark "▲" indicates Timer Up mode

the mark "▼" indicates Timer Down mode

S1 S2 S3 S4
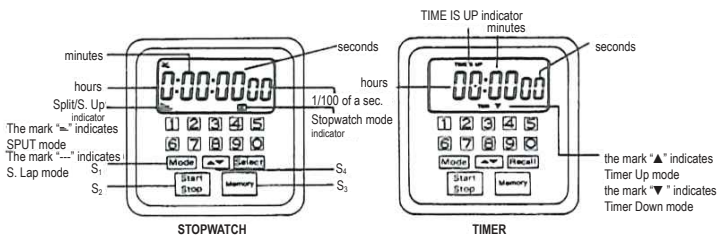
FEATURES

- 100 hr count down/up timer.
- 1/100 sec. stopwatch chrond to 10 hrs.
- Section & Total Lap time.
- Easy setting by key tone buttons.
- Overtime Recording
- Error Sound System

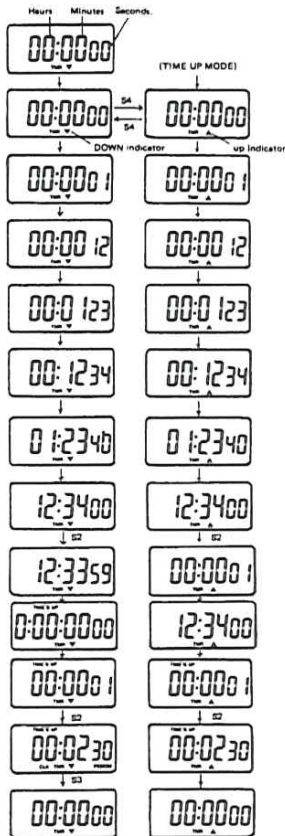## ERROR SOUND SYSTEM IN "TIMER" SETTING STATUS, IF "HOUR SETTING"

More than, "99" Min, Sec. Setting more than "59" then press **S₂ (Start)**. "E" will appear and sound for 5 seconds to remind **ERROR SETTING**. i.e.

TIMER SETTING

(MAX. Can be set to 99h 59m 59s)
(MIN. Can be set to 1 second)
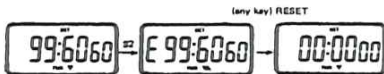
1. Press **S₁**, LCD show "TMR"
   TIMER MODE Indicator.

2. Press **S₄**, Choose **TIMER UP**
   or **DOWN**.

3. **TIMER** setting, EX. Press **1**.

4. Press **2**.

5. Press **3**.

6. Press **4**.

7. Press **0**.

8. Press **0**.

9. a. In **TIMER DOWN** mode,
   press **S₂**, Start countdown.

9. b. In **TIMER UP** mode, press **S₂**,
   start count up.

10. a. Whentime is down to Zero, w
    ill start to count automatically.

10. b. In **TIMER UP** mode when time
    is up to "the preset time",
    will sound for 60 seconds.

11. Press **S₂**, stop counting.

12. Press **S₃**, Time reset to Zero.
    "TIME'S UP" disappears.

TIMER RECALL (MEMORY)
At any time when timer stop Press S_5 will show "the preset time" press S_2, start counting

VIEW DATA
While the digits start to count up or down, press S_5 will show the "present time" until key release, then return to running automatically.

SOUND STOP
When the sound is output, it is stopped by depressing any keys in any mode, In this case, one press stops the sound.

HOW TO STOP COUNTING
During sound, want to stop counting, must press S_2 **(STOP) twice** immediately.

Note...
If the counter up timer is in RUN status, the count down timer will not be allowed. On the other hand, if the count down timer is in RUN status, the count up timer will not be allowed too.

HOW TO OPERATE THE STOPWATCH
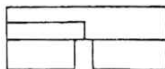
SPILT TIMING FUNCTION

1. Press **S₄**, select SPUT
   "≡" SPLIT mark
   "---"S. LAP mark.

2. Press **S₂**, start counting,
   " " STOP w. Indicator flash

3. Press **S₅** to display SPLIT
   time. Watch will continue to
   count internally.

4. Press **S₃** to release split time
   and display overall elasped
   timein process. This procedure
   may be repeated as many times
   as necessary.

5. Press **S₂** to stop counting

6. Press **S₃** to restart watch to zero
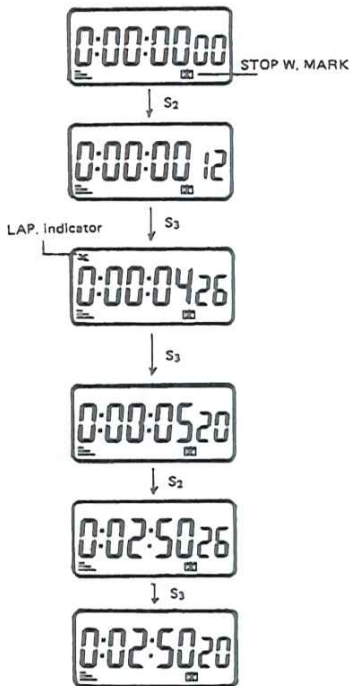
Spilt time (SPLIT) is the time elaspsed from the starting point to a specific point, and LAP time (S. LAP) is the time elapsed for one time round.

SPLIT		
S. LAP		

SECTION LAP TIMING FUNCTION

1. Press **S₄**, start S. LAP mode
   "---"S. LAP mark.

2. Press **S₂**, to start stopwatch

3. Press **S₃** to display S. LAP
   time. Watch will start counting from
   zero automatically.
   "LAP" mark flash.
   Press **S₃**.

4. EACH press **S₃** will get the "S.
   LAP" time. This procedure maybe
   repeated as many times as
   necesary.

5. Press **S₂** to stop counting

6. Press **S₃** to display "the LAST S.
   LAP" time

7. Press **S₃** to Reset WATCH to zero.
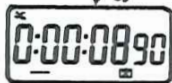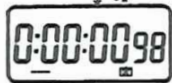
NORMAL TIME MEASUREMENT

1. Press S_2, to start STOPWATCH counting, MAX. to $9^h 59^m 59^s 99/100^s$.

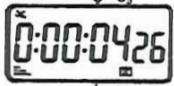2. Press S_2, to stop counting

3. Press S_3 to reset to "0".

TWO FINISH TIMES

1. Press S_2 to start STOPWATCH

2. Press S_3 to record first finish time

3. Press S_2 to record second finish time. First time will be visible on display.

4. Press S_3 to erase first finish time. Second finish time will be visible on display
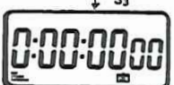
5. Press S_3 to reset watch to zero

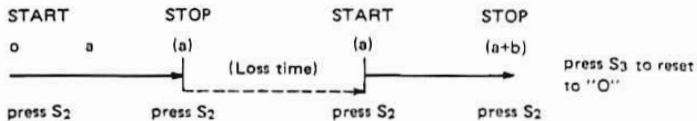**NET TIMES (ACCUMULATED TIME EXCLUDING LOSS TIME)**

START	STOP	START	STOP	
o a	(a)	(a)	(a+b)	press S_3 to reset to "O"
	(Loss time)			
press S_2	press S_2	press S_2	press S_2	

WARRANTY

Sper Scientific warrants this product against defects in materials and workmanship for a period of five (5) years from the date of purchase, and agrees to repair or replace any defective unit without charge. If your model has since been discontinued, an equivalent Sper Scientific product will be substituted if available. This warranty does not cover probes, batteries, battery leakage, or damage resulting from accident, tampering, misuse, or abuse of the product. Opening the meter to expose its electronics will break the waterproof seal and void the warranty. To obtain warranty service, ship the unit postage prepaid to:

SPER SCIENTIFIC LTD.
8281 E. Evans Rd., Suite #103
Scottsdale, AZ 85260
(480) 948-4448

The defective unit must be accompanied by a description of the problem and your return address. Register your product online at www.sperwarranty.com within 10 days of purchase.