This Sper Scientific Clip-On Stopwatch (Model 810016) attaches easily to a key chain or belt loop to provide convenient, accurate measurement. Despite its miniature size, this full-function, 24-hour stopwatch provides precise 1/100th of a second resolution. The large buttons and LCD allow easy, comfortable use.

Features include a clock, calendar, compass, thermometer, and alarm. This product is available with an NIST traceable certificate of compliance (Model 810016C).

**MEASUREMENT PROCEDURES**

**Stopwatch Event Mode**
1. Press **MODE** repeatedly to select Stopwatch Mode. “0:0000” will display.
2. Press **START/STOP** to begin counting up in minutes, seconds, and hundredths of a second.
3. Press **START/STOP** again to stop the counter.
4. Continue to press **START/STOP** as desired to start and stop the counter.
5. Press **SPLIT/RESET** to reset the counter to zero.

**Stopwatch Split Mode**
1. Press **MODE** repeatedly to select Stopwatch Mode. “0:0000” will display.
2. Press **START/STOP** to begin counting up in minutes, seconds, and hundredths of a second.
3. Press **SPLIT/RESET** to freeze the reading on the display. The stopwatch will continue recording total elapsed time even though the display is static.
4. Press **SPLIT/RESET** to display the total elapsed time and resume counting up.
5. Continue to press **SPLIT/RESET** as desired to freeze the reading on the display.
6. Press **START/STOP** to stop the counter.
7. Press **SPLIT/RESET** to reset the counter to zero.

**Stopwatch First and Second Finish Mode**
1. Press **MODE** repeatedly to select Stopwatch Mode. “0:0000” will display.
2. Press **START/STOP** to begin counting up in minutes, seconds, and hundredths of a second.
3. Press **SPLIT/RESET** to record the first finish. The stopwatch will continue recording total elapsed time even though the display is static.
4. Press **START/STOP** to record the second finish. The display will not change.
5. Press **SPLIT/RESET** to display the second finish.
6. Press **SPLIT/RESET** to reset the counter to zero.

**SETTING THE CLOCK, CALENDAR, AND ALARM**

**Note...**
When pressing **START/STOP** to adjust a value, you can scroll more quickly by holding down the button.

**Displaying the Clock, Calendar, and Alarm**
1. Press **MODE** repeatedly to select Clock Mode. The time will display in hours, minutes, and seconds.
2. Press and hold **START/STOP** to display the month and day.
3. Press and hold **SPLIT/RESET** to display the alarm time setting.
Setting the Time and Calendar

1. With the stopwatch in Clock Mode, press **MODE** rapidly 3 times to enter Time Set Mode. The time will display in hours, minutes, and seconds, with seconds flashing.
2. Press **START/STOP** if desired to reset the seconds to zero.
3. Press **SPLIT/RESET** to select the minutes.
4. Press **START/STOP** to adjust the minutes.
5. Press **SPLIT/RESET** to select the hour.
6. Press **START/STOP** to adjust the hour. The display will cycle through 12 and 24-hour formats. “A” and “P” indicate a.m. and p.m., while “H” indicates 24-hour time format.
7. Press **SPLIT/RESET** to select the date display. The day will flash.
8. Press **START/STOP** to adjust the day.
9. Press **SPLIT/RESET** to select the month.
10. Press **START/STOP** to adjust the month.
11. Press **SPLIT/RESET** to select the day of the week.
12. Press **START/STOP** to adjust the day of the week.
13. Press **MODE** to return to Clock Mode.

Setting the Alarm

1. With the stopwatch in Clock Mode, press **MODE** rapidly 2 times to enter Alarm Set Mode. The alarm setting will display and the hour will flash.
2. Press **START/STOP** to adjust the hour.
3. Press **SPLIT/RESET** to select the minutes.
4. Press **START/STOP** to adjust the minutes.
5. Press **MODE** to return to Clock Mode.

Turning the Alarm Off and On

With the stopwatch in Clock Mode, press **SPLIT/RESET** and **START/STOP** at the same time to toggle between alarm **OFF** and **ON**.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Digital Display</th>
<th>Type</th>
<th>LCD, 5 digits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>1/100th sec</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>One button cell LR-41 type battery</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>2” x 1.5” x 0.5” (55 x 35 x 15 mm)</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>1 oz (27 g)</td>
<td></td>
</tr>
</tbody>
</table>

**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 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

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.

06/2015