

TRACEABLE® COUNTDOWN STOPWATCH INSTRUCTIONS

SPECIFICATIONS

Display: 0.3"-high 6 digit LCD

Countdown—

Timing capacity: 59 minutes, 59 seconds

Resolution: 1 second

Stopwatch—

Timing capacity: 23 hours, 59 minutes, 59 seconds

Resolution: 1/100th of a second (under 60 minutes)
1 second (over 60 minutes)

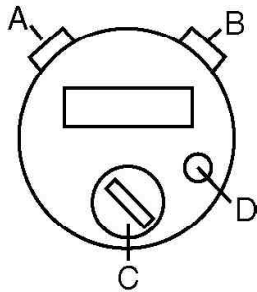
Accuracy: $\pm 0.01\%$ at 25° C

Timing features: Single Action, Time In/Time Out, Continuous, Cumulative Split, Lap Interval, Interval Countdown and Programmable Countdown

Selector Switch

To preserve battery life, the stopwatch may be turned off by setting the selector switch (C) to the OFF position.

Note: When the unit is turned off, you will lose any programmed countdown time that was set (see "Programmable Countdown" section).



Clearing the Display

If the stopwatch is not running, press the SPLIT/RESET button (A) until the display reads all zeros or displays the preset interval time. If the stopwatch is running, press the START/STOP button (B) and then press the SPLIT/RESET button (A) until the display reads all zeros or displays the preset interval time. The stopwatch must be stopped before it will reset to zero or recall the preset interval time.

Single Action and Time in/Time out Timing

1. Clear the display.
2. Set the selector switch (C) to I or II.
3. The first press of the START/STOP button (B) starts the timing.
4. The second press of the START/STOP button (B) stops the timing. The stopwatch holds the reading where it was stopped (Time-Out).
5. The third press of the START/STOP button (B) resumes timing from the point that it was stopped (Time-In).
Any number of Time-Outs may be taken, simply repeat steps 4 and 5 as often as needed.
6. Once timing is completed, clear the display. For timing which lasts over 24 hours, the stopwatch instantly rolls over to zero and continues timing, once the maximum display has been reached (Continuous Timing).

Cumulative Split Timing

Cumulative Split Timing freezes the display for partial event times while the internal clock continues to run.

1. Clear the display.
2. Set the selector switch (C) to I.
3. The first press of the START/STOP button (B) starts timing.

4. The first press of the SPLIT/RESET button (A) "freezes" the display for recording a time while the internal clock continues to run. SPLIT flashing on the display indicates that the internal clock is still running.
5. The second press of the SPLIT/RESET button (A) "releases" the display. The display is instantly updated to show the total cumulative running time.
Any number of splits may be taken, simply repeat steps 4 and 5 as often as needed.
6. At the end of the last event, clear the display.
You can capture two fast times by pressing the SPLIT/RESET button (A) first and the START/STOP button (B) second. SPLIT and STOP appearing on the display indicates that all timing has been stopped. The display will show the time of the first event (the point where the stopwatch was "frozen"). "Release" the display by pressing the SPLIT/RESET button (A) (SPLIT will disappear). The total time of the event will now show on the display. Press the SPLIT/RESET button (A) to clear the display.

Lap Interval Timing

Lap Interval Timing yields a readout of each individual time increment of a connected series of events. Each press of the SPLIT/RESET button (A) displays the running time interval since the previous press.

1. Clear the display.
2. Set the selector switch (C) to II.
3. The first press of the START/STOP button (B) starts the timing.
4. The first press of the SPLIT/RESET button (A) "freezes" the display, automatically resets the stopwatch to zero and starts timing the next interval. SPLIT flashing on the display indicates that the internal clock is running.
5. The second press of the SPLIT/RESET button (A) "releases" the display. The display is instantly updated to the new lap interval running time.
Any number of Lap Intervals may be taken, simply repeat steps 4 and 5 as often as needed.
6. At the end of the last event, clear the display.
You can capture two fast times by pressing the SPLIT/RESET button (A) first and the START/STOP button (B) second. SPLIT and STOP appearing on the display indicates that all timing has been stopped. The display will show the time of the first event (the point where the stopwatch was "frozen"). "Release" the display by pressing the SPLIT/RESET button (A) (SPLIT will disappear). The time of the last lap interval will now show on the display. Press the SPLIT/RESET button (A) to clear the display.

Interval Countdown

1. Clear the display.
2. Set the selector switch (C) to the desired preset interval time.
3. The first press of the START/STOP button (B) starts the countdown timing. The time remaining will be displayed to the nearest second.
4. The second press of the START/STOP button (B) stops the timing. The stopwatch holds the reading where it was stopped (Time-Out).

91-1035-00 Instructions (continued from Page 1)

- The third press of the START/STOP button (B) resumes timing from the point that it was stopped (Time-In). Any number of Time-Outs may be taken, simply repeat steps 4 and 5 as often as needed.

NOTE: Once the interval timing has been started, pressing the Count Up/Down button (D) will display the total time that has elapsed since timing began. Each press of the Count Up/Down button (D) toggles between the time remaining and the total elapsed time.

The timer will sound three advance warning beeps three seconds before the countdown time reaches zero. Once the countdown time reaches zero, the alarm will sound for 3 seconds and the timer will begin counting up (Through-Zero - indicated by the ♦ symbol flashing). To silence the alarm and stop the timer, press the START/STOP button (B).

To recall the preset interval time, press the SPLIT/RESET button (A).

Programmable Countdown

- Clear the display.
 - Set the selector switch (C) to *SET.
 - Press the SPLIT/RESET button (A) to advance the minutes and press the START/STOP button (B) to advance the seconds. To rapidly advance the display, press and hold down the SPLIT/RESET button (A) or START/STOP button (B).
 - Once the desired countdown time is on the display, set the selector switch (C) to *.
- NOTE:** If an error is made during an entry, press the SPLIT/RESET (A) and the START/STOP (B) buttons simultaneously to clear the display to zero.
- The first press of the START/STOP button (B) starts the countdown timing. The time remaining will be displayed to the nearest second.
 - The second press of the START/STOP button (B) stops the timing. The stop-watch holds the reading where it was stopped (Time-Out).
 - The third press of the START/STOP button (B) resumes timing from the point that it was stopped (Time-In). Any number of Time-Outs may be taken, simply repeat steps 6 and 7 as often as needed.

NOTE: Once the interval timing has been started, pressing the Count Up/Down button (D) will display the total time that has elapsed since timing began. Each press of the Count Up/Down button (D) toggles between the time remaining and the total elapsed time.

The timer will sound three advance warning beeps three seconds before the count-down time reaches zero. Once the count-down time reaches zero, the alarm will sound for 3 seconds and the timer will begin counting up (Through-Zero - indicated by the ♦ symbol flashing). To silence the alarm and stop the timer, press the START/STOP button (B).

To recall the programmed interval time, press the SPLIT/RESET button (A).

To program a new countdown time go to step 1.

ANY OPERATIONAL DIFFICULTIES

If this timer does not function properly for any reason, replace the battery with a new high quality battery (see Battery Replacement). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

BATTERY REPLACEMENT

With a Phillips head screwdriver, remove the screws from the back of unit and lift off back panel. Remove the screw from battery holder and lift off. Remove the exhausted battery and replace with a new 3-volt lithium battery. Be sure the positive side of the battery is facing up. Replace battery holder and screw. Replace back of unit and secure tightly screws. Replace battery Catalog No. 1109.

WARRANTY, SERVICE, OR RECALIBRATION

For more information, please contact us:

[ExpotechUSA](#)
[10700 Rockley Road](#)
[Houston, Texas 77099](#)
[USA](#)

[281-496-0900 \[voice\]](#)

[281-496-0400 \[fax\]](#)

E-mail: sales@expotechusa.com

Website: www.ExpotechUSA.com