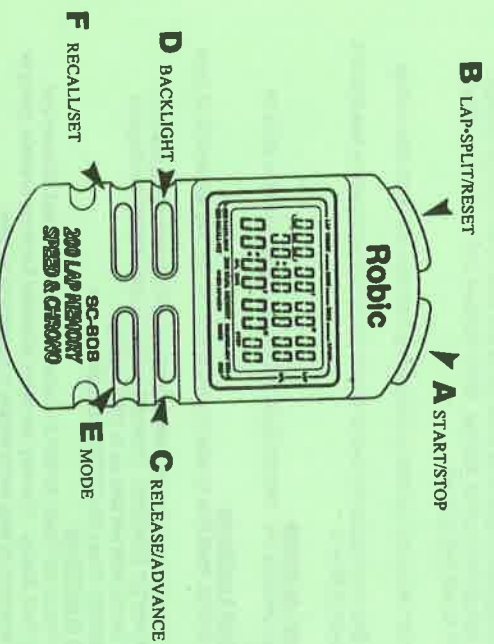
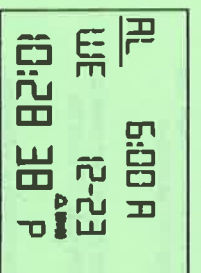


SC-808 Instruction Guide

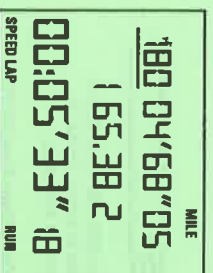
Thank you for buying the Robic SC-808. Your purchase brings you a world class timer with a wide range of professional features and functions helpful for virtually every activity.



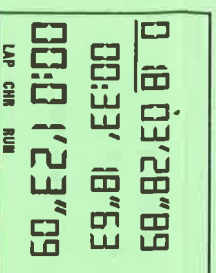
To ensure maximum enjoyment from your timer, please take a few minutes to carefully review this operating guide. Please refer to the illustration above, for the location of the various indicators and the operation of each particular push button. The SC-808 has four (4) primary modes of operation: Normal Time, Speed Chrono, Stopwatch and Countdown Timers.



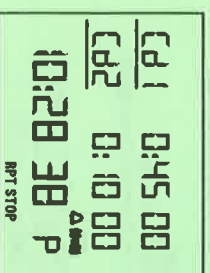
- NORMAL TIME** → Press (E)
- Hours, Minutes, Seconds
 - Day, Month, Date
 - Alarm Time
 - Alarm, Chime, AM/PM Indicators
 - 12 Hour or 24 Hour Time Option
 - EL Backlight



- SPEED CHRONOMETER**
- 25 Hour Timing with 1/100 Second Resolution
 - Set Distance 0.001 to 999.999 miles
 - Speed from 0.001 to 999.999 mph/kph
 - 200 Lap, On Demand Memory of Lap Speed, Time and Number
 - Lap Counter to 999
 - Average Speed of Multiple Laps
 - Fastest Lap and Slowest Lap Time/Speed
 - Display Current Running Lap Time
 - Time-Out (Pause) Timing
 - EL Backlight



- CHRONOGRAPH/STOPWATCH**
- Twenty-five (25) Hour with 1/100 Second Resolution
 - Dual Display of Lap and Split Times
 - User Selectable Running Lap or Accumulated Split Times
 - Lap Counter to 999
 - 200 Dual Split Memory, On-Demand
 - Average, Fastest and Slowest Lap Times
 - EL Backlight



- DUAL COUNTDOWN TIMERS**
- Two (2) Independent Countdown Timers can be operated simultaneously or independently
 - Countdown Repeat or Countdown Stop
 - Alarm Signals Completion of Countdown Time
 - Working Range from 1 Second to 24 Hours
 - Timer Reset During Countdown Operation
 - EL Backlight
 - Normal Time Display

I. EL BACKLIGHT OPERATION

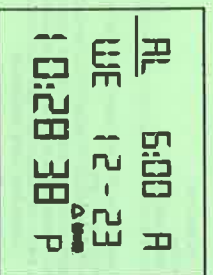
Pressing "D" at any time during any operation will activate the Electro-Luminescent (EL) Backlight function for viewing at night and in low light or no light situations. Once pressed, the EL backlight will illuminate the display for three (3) seconds with a light blue, back lighting.

IMPORTANT: Please use the EL backlight as needed, but note it will reduce the product's battery life.

II. NORMAL TIME - OPERATING INSTRUCTIONS

The starting point for operating your watch is NORMAL TIME. If NORMAL TIME is not displayed, press (E) until it appears.

To set the alarm, normal time and calendar, press (E) Mode/Select until the display appears as follows:



ALARM HOURS: Press or hold [C] to advance alarm hours. The "A/M" or "P/PM" indicator adjusts automatically.

ALARM MINUTES: Press (E) and alarm minutes appear flashing. Press or hold [C] to advance.

NORMAL TIME SECONDS: Press (E) and normal time seconds appear flashing. Press or hold [C] to reset to all zeros.

NORMAL TIME HOURS: Press (E) and normal time hours appear flashing. Press or hold [C] to advance.

NORMAL TIME MINUTES: Press (E) and normal time minutes appear flashing. Press or hold [C] to advance.

MONTH SETTING: Press (E) and the month (1-12) digits appear flashing. Press or hold [C] to advance.

DATE SETTING: Press (E) and date (1-31) appears flashing. Press or hold [C] to advance.

DAY SETTING: Press (E) and the day appears flashing. Press or hold [C] to advance the day of the week, MO (Monday), TU (Tuesday), WE (Wednesday), TH (Thursday), FA (Friday), SA (Saturday), and SU (Sunday).

12/24 HOUR OPTION: The time may be set to operate in AM/PM (hours 1-12) or on a 24 hour basis (hours 0-24). To set the (12) or (24) hours, press (E) after setting the Day and either 12H or 24H will appear on the display. To select 12 or 24, simply press [C] until the 12H or 24H time indicator appears.

The Alarm Time will be displayed in the format (12H/24H) selected.

After setting, press (F) to exit the setting mode. All digits (except seconds) will appear frozen.

NOTES:

- (1) You may complete the setting process at any time by pressing (F).
- (2) If you wish to set any particular function (alarm, time, calendar) press and hold (F) for three (3) seconds. Then press (E) until that digit (s) appear(s) flashing. Press [C] to advance that function, then press (F) to complete the setting process.
- (3) "Smart" Calendar: After setting the calendar, the SC-808 will automatically adjust after the last day of each month to the first day of the next month, taking into account months with fewer than 31 days.

USING THE ALARM AND/OR HOURLY CHIME

The alarm can be armed (set to go off) to sound once per day. The alarm symbol ((••)) will appear when the alarm is armed.

The hourly chime in your watch can be armed (set to go off) to sound one (1) beep every hour on the hour. The chime indicator Δ will appear when the hourly chime is armed.

ARMING AND DISARMING THE ALARM AND HOURLY CHIME

With your watch in NORMAL TIME (no digits appear flashing):

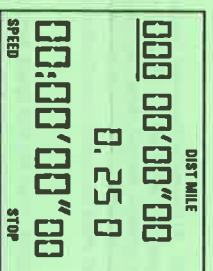
- (1) Press [C] and the alarm symbol ((••)) appears, armed to sound the alarm at the time set (i.e. 7:30A).
- (2) Press [C] again and the alarm symbol disappears and the Chime symbol Δ appears.
- (3) Press [C] again and both the alarm and chime symbols appear.
- (4) Press [C] again and both symbols disappear (alarm & chime are disarmed).

III. SPEED CHRONOMETER - HOW TO OPERATE

The Speed Chronometer will compute and display speed in MPH/KPH as a function of distance and time.

To enter the speed mode from normal time, press (E) once. If the Speed Timer is running, stop timing by pressing (A) once. Reset the display to all zeros by pressing (B).

The display appears as follows:



How to Determine and Enter the Distance.
The first step is to enter the distance correctly. The speed timer will not work unless a distance is entered.

Distance is entered as the decimal equivalent of a mile or kilometer from 000.001 to 999.999. For example, enter 2 ½ miles/kilometers as 002.500, 1/3 as 000.333, 1/8 as 000.125, etc.

You may convert feet to the decimal equivalent of a mile, i.e., 187 feet is entered as 000.035 (187 divided by 5280 = 000.035)

Convert meters to kilometers as follows: 230 meters is entered as 000.230 (230 divided by 1000 = 000.230).

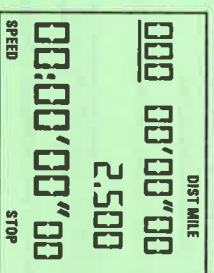
Enter Distance.

To enter the distance when the timer is stopped and reset to zeros, proceed as follows:

- (A) Press and hold (F) for three (3) seconds until "MILE" or "KM" appears flashing above the upper row of digits in the display. Press [C] until the desired unit of measurement (mile or km appears).
- (B) Press (E) and the first digit of the distance scale (Row 2) 000.000 appears flashing. Advance the digit (0-9) by pressing or holding [C] until the desired digit appears. Once set, move to the second digit by pressing (E) once. Change the second digit by pressing [C].

Continue to set each digit on the distance scale until you have entered the correct distance. Press (F) to end the distance setting process. The distance set will appear and no digits will be flashing.

This illustration shows a distance of 2 ½ (2.500) miles entered.



NOTES:

- (1) Should you need to set any particular digit on the distance scale, press (F) until "mile" or "km" appears flashing. Then press (E) until the correct digit appears flashing. Change the digit(s) by pressing [C]. To end setting procedure, press (F).
- (2) The maximum setting distance is 999.999 miles or kilometers.
- (3) The speed timer will not work unless a distance has been entered.

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To begin the setting process, press and hold (F) until alarm hours begin to flash in the upper row of the display.

Under normal use, the battery in the SC-808 (Lithium type CR2032, or equivalent) will power your stopwatch for 1 1/2 - 2 years. Excessive use of the EL backlight could significantly shorten this battery life.

OPERATING THE SPEED CHRONOMETER

After entering the distance, you are now ready to operate the speed chronometer. For this section, assume a distance of 2.500 (2 ½ miles).

One Lap Event (START/STOP/RESET)

START: Press (A) to start the timer. "Run" and "Lap" indicators appear. Time appears running in Row 3.
STOP: Press (A) again to stop the timer. The "Stop" indicator appears and 0:00'44"12 seconds have elapsed. The display appears as:

| | | |
|----------------|----------------|-----------------------------|
| MILE | 00 1 00'44" 12 | ← Lap Time is 44.12 Seconds |
| | 2 03.9 89 | ← Lap Speed is 203.989 mph |
| SPEED CHM STOP | 00:00'00"00 | |

RESET (all zeros): To return the timer to the start position, press (B).

IMPORTANT NOTICE "ERROR" INDICATOR

When taking a speed reading and "ERROR" appears (ROW 2), you have exceeded the speed capacity of the timer (999.999 mph/kph).

This occurs when you take a lap reading too soon, either by accident or on purpose, i.e. long distance and fast lap time. When this situation occurs, your timer is functioning properly and is still recording data. Wait until the lap is completed, then press (B) and the appropriate lap speed and time will appear on the display.

Multiple Lap Event Timing

When timing multiple lap events, the operating sequence is: START - LAP - STOP - RESET.

START: Press (A) to start. "Run" and "Lap" indicators appear and the time appears running in Row 3.

LAP: To take a lap reading, press (B) the instant the lap is completed. The lap number and time appear in Row 1, the lap speed in Row 2. The current lap running time will appear in Row 3. Continue to press (B) for each lap reading as needed. Your SC-808 will take up to 1000 lap speed readings.

| | | |
|---------------|--------------|----------------------------|
| MILE | 180 00'58"77 | ← Lap 180 Lap Time |
| | 1 65.3 82 | ← Lap 180 Speed |
| SPEED LAP MIN | 00:00'33"89 | ← Lap 181 Running Lap Time |

The illustration (above) indicates the display after you have taken a lap reading. It notes the time and number of LAP 180 in Row 1 and the lap speed of lap 180 in Row 2. The current lap running time LAP 181 will appear in Row 3 the instant LAP 180 reading is taken.

The speed and time of lap 180 will appear only after you press (B) the instant lap 180 is completed.

STOP/END OF EVENT: At the end of the event, press (A). "stop" indicator appears. The speed and time of the last lap will appear in the display (lap number and time in Row 1 and speed in Row 2). Row 3 will reset to all zeros.
RESET: After you have completed timing and reviewing all information, press (B) in the "stop" position, to reset the Speed Timer to all zeros (start position).

ADVANCED FUNCTIONS: Your SC-808 speed timer is equipped with the advanced functions described below. You may use all the Advanced Functions during or after your timing of the event. Please review them carefully.

ADVANCED FUNCTIONS CANNOT BE USED IF YOU HAVE RESET THE DISPLAY TO ALL ZEROS.

Max - Slow - Average and Memory Recall

Your SC-808 has a 200 lap memory through 999 laps, as well as Fastest, Slowest and Average Lap Speed and Time display. To use these functions, press (F) anytime while in the Speed Timer Mode. The "MAX" indicator will appear above the top row.

Max - Slow - Average Lap Speed & Time

The "MAX" indicator means the Fastest Lap Time is shown in Row 1 and the associated Maximum speed of all readings taken is displayed in Row 2. The Fastest lap number is displayed in the LAP counter.

Press (F) again to display the SLOWEST Lap Speed, Time and Number. The "SLOW" indicator will appear above the top row.

Press (F) again, to display the Average Lap Speed and Time of all readings. The "AVG" indicator will appear. The Lap Counter will show the total amount of readings taken.

200 Memory Recall

After sequencing through the Fastest, Slowest and Average Lap information, press or hold (F) to review up to the previous 200 readings in speed, time and lap number up through 999 laps. The SC-808 will review in descending order (999, 998, 997, etc. . .).

The lap speed will appear in Row 2 and the lap number and time will appear in Row 1.

During memory recall use, the display will automatically return to the current reading if no push buttons are pressed for 15 seconds. Or, you may press (E) at any time, to return to the current reading.

To take another lap reading during use of the Advanced Functions, while the timer is running, simply press (B) and the next reading will appear.

Pressing (B) at anytime while in the "STOP" position will reset the Speed Timer to all zeros.

IV. CHRONOGRAPH - HOW TO OPERATE

From NORMAL TIME, press (E) twice and the chronograph indicator (CHR) appears.

The "stopped" chronograph (stopwatch) display will appear as follows. IF NOT, press (A) to stop and (B) until the display is reset to all zeros.

| | |
|--------------|-------------------------------------|
| 000 00'00"00 | ← Last Lap Time |
| 00:00 00 00 | ← Last Split Time |
| 00:00'00"00 | ← Current Running Lap or Split Time |
| SPL CHM STOP | |

The working range of the chronograph is twenty five (25) hours, with a resolution of 1/100 second. The chronograph measures lap and split time, simultaneously. You may set Row 3 to present either running Lap or running Split (accumulated) time.

(NOTE: You cannot operate the chronograph when the speed timer is running. To stop the speed timer, enter the speed mode. Stop timing by pressing (A) once. Press (B) until the timer is reset to all zeros. Once the speed timer is stopped, you may enter and use the chronograph.)

Select Lap or Split In Row 3:

While the chronograph is reset to all zeros, press and hold (F) for three (3) seconds. LAP or SPL indicator will appear flashing. Select between LAP or SPLIT by pressing [C]. Press (F) to exit Setting mode.

- Selecting LAP will cause the timer to begin timing from zero after each time reading (Press (B)).
- Selecting SPLIT will cause the timer to display the accumulated running time from the start of the event in Row 3.

Timing Single Lap Events

Start timing by pressing (A). Stop timing by pressing (A) again. Reset to zeros by pressing (B).

Timing Multiple Lap Events

If chrono is running, reset time by pressing (A) to stop the chronograph and (B) to reset to all zeros.

TO START: Press (A) and the timer will begin to run ("RUN" indicator appears.).
TO TAKE LAP/SPLIT READING: Press (B) to take as many lap/split readings as necessary. The SC-808 will take up to 1000 readings.

TO STOP TIMING: Press (A), "STOP" indicator appears.

ADVANCED FUNCTIONS

Your SC-808 has a 200 Dual LAP/SPLIT memory, as well as Fastest, Slowest and Average Lap Time display. You may use these advanced functions, anytime, during or after timing the event, as long as the display is not reset to all zeros. MAX/SLOW/AVERAGE LAP TIME will be displayed when pressing [F]. The MAX, SLOW and AVG indicators and lap number will appear, respectively.

Max, Slow and Average lap data can be displayed during or after event timing and prior to resetting the display to all zeros.

200 DUAL MEMORY: Your timer has the capability to recall the previous 200 completed lap and split times in descending order, through 1000 laps, at any time, whether running or stopped - RECALL indicator will appear.

To use memory recall, when the timer is running, press or hold (F) and the recall indicator appears along with the individual lap and split times. The memory recall data will disappear, automatically if no button is pressed, after fifteen (15) seconds or instantly when pressing (B).

To use memory recall after the timer is stopped and the display has not been reset to all zeros, proceed as follows: Press or hold (F) to retrieve memory data. To reset the timer to all zeros press (B) until all zeros appear.

NOTE: When the chronograph is stopped, you cannot retrieve memory or other time data if the display has been reset to all zeros. ALWAYS retrieve memory recall and/or FAST/SLOW/AVG time data prior to resetting the chronograph.

TIME OUT: Your chronograph has a time-out feature. If the event being timed is stopped for any reason, press (A) to stop timing, restart by pressing (A). All previously recorded data will be stored in memory (up to 200 laps).

V. DUAL COUNTDOWN TIMERS (CDT)

The SC-808 has two Countdown Timers (CDT) which may be operated separately or together. An example of using two CDT's would be to use one to time a 15 minute quarter in football and the other to count down from one minute for time-outs.

From NORMAL TIME, press (E) three (3) times to enter the Countdown Timer (CDT) mode. The time of day will appear in Row 3 of the display, first count down time [Cd1] will appear in the top row and second count down time [Cd2] will appear in the middle row.

Press and hold (F) for 3 seconds. CD1 hour appears flashing. Advance CD1 hours by pressing or holding [C].

| | |
|-------------|---------------|
| CD1 0:45 00 | ← Timer 1 |
| CD2 9:10 00 | ← Timer 2 |
| 10:28 38 P | ← Normal Time |
| RPT STOP | |

SETTING THE COUNTDOWN TIMER

After setting CD1 hours, press (E). CD1 minutes appear flashing. Advance CD1 minutes by pressing [C]. Repeat this procedure to set CD1 seconds, then CD2 hours, minutes and seconds.

SELECTING COUNTDOWN STOP or COUNTDOWN REPEAT

After setting the time(s) in CD1 and CD2, you may opt for Countdown Stop or Countdown Repeat. In the case of Repeat ("RPT" indicator), the timer will automatically repeat the preset countdown time after completion.

SELECTING CD1 and/or CD2

CD1 or CD2 can operate independently or simultaneously. With the time(s) set, select CD1, CD2 or both by pressing [C]. The bracket below CD1 or CD2 will flash to indicate which has been selected. Both brackets will flash if both are selected to operate.

OPERATING THE COUNTDOWN TIMERS(S)

After setting the time(s), choosing STOP or RPT and selecting which timers to activate, START the countdown time(s) by pressing (A). "RUN" indicator appears.

◦ Press (A) to STOP and RESTART the countdown time(s) as needed.

A twenty (20) second alarm will signal the completion of the countdown time(s) (one second alarm will sound if the preset time is less than one minute in RPT mode). Press any pushbutton except (D) (Backlight) to silence the alarm signal. The preset time will appear after silencing the alarm.

NOTES:

- (1) The SC-808 will not sequence through CD1-CD2-both while the timer(s) are active (running).
- (2) You may reset to the preset time, while the timer(s) are stopped by pressing (B).
- (3) Presetting the time to 24 hours will appear as 0:00 00. If all zeros appear in CD1 or CD2 and that timer is activated, it will count down from 24 hours.
- (4) If both timers are active (both brackets flashing), then RPT or STOP will apply to both.

LIMITED WARRANTY - OUR BASIC POLICY:

Marshall-Bronwood International Corporation (MBI Corp.) warrants to the original owner, this quartz digital liquid display stopwatch (including battery, case, band, or strap) for the period of one year from the original purchase date. This limited warranty is given by MBI Corp. and not by the dealer from whom the stopwatch was purchased.

THE WARRANTY PROCESS - WHAT IS COVERED BY THE WARRANTY

If the stopwatch develops a manufacturing defect within the one-year limited warranty period, it will be either repaired or replaced (at MBI Corp.'s option) with a stopwatch of equal value, providing the original owner submits the following:

1. Proof of purchase, i.e. a validated store receipt showing date of purchase.
2. A check or money order (no cash, please) in the amount of \$6.50 to cover the cost of shipping and handling.
3. WHAT IS NOT COVERED BY THE WARRANTY

A. MBI Corp. will not repair defects or damages caused by or showing evidence of:

1. Improper or unauthorized service.
2. Misuse, tampering, abuse, or submergence of the stopwatch.
3. Damage to the case or visible cracking of the lens.
4. Moisture damage, if the product is a non-water-resistant stopwatch.

B. If we find that the battery is the cause of the defect, MBI Corp. reserves the right to charge you (\$6.50) for a new replacement.

MBI Corp. is not liable for incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

YOUR RIGHTS UNDER IMPLIED WARRANTIES AND STATE LAW.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR STOPWATCH

Proper care of your timer will provide many years of enjoyment. We recommend that:

1. The battery be replaced at once when it becomes depleted. One (1) lithium battery powers your stopwatch. Please refer to the caseback for the correct battery to use.
2. The case should be replaced immediately if it becomes damaged, as contamination from dirt, moisture, and other foreign substances will damage the stopwatch.
3. If the stopwatch is not marked "water-resistant," avoid immersion or exposing it to water, steam, or other forms of moisture.

If your stopwatch ever requires factory service, you can send it directly to:

MBI CORP., 115 HURLEY RD., OXFORD, CT 06478

We strongly recommend that, when sending it through the mail, you send the product insured, return receipt requested, so that if a problem in shipping arises, you can trace it through the shipping post office. You will be billed for all services performed, deemed out of warranty, and hence we reserve the right to substitute with a replacement product of equal or greater value. NEVER include a personal item, such as a watchband, with the repair request.

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Please call at (203) 264-2702 for a free catalog.