

# Robic<sup>®</sup> SPORTS MODEL SC-514S

**THANK YOU** for buying the Robic Speed Chronometer. Your purchase brings you a World-Class Timing Product that provides a wide range of speed and time keeping functions that are applicable to numerous sports and everyday activities.

Your Robic Speed Chronometer was developed to provide speed and timing information quickly and easily. In order to ensure that you receive the maximum enjoyment from your Robic Speed Chronometer, **PLEASE TAKE A MOMENT TO REVIEW THIS OPERATION GUIDE TO FULLY UNDERSTAND HOW YOUR Robic stopwatch WORKS.**

Once you are familiar with Robic's operation, you will be ready to enjoy its many fine features, which include:

#### NORMAL TIME:

- Time of day in hours, minutes and seconds
- Calendar with month and date
- Daily alarm and hourly chime
- Quartz accuracy to +/- 15 seconds per month

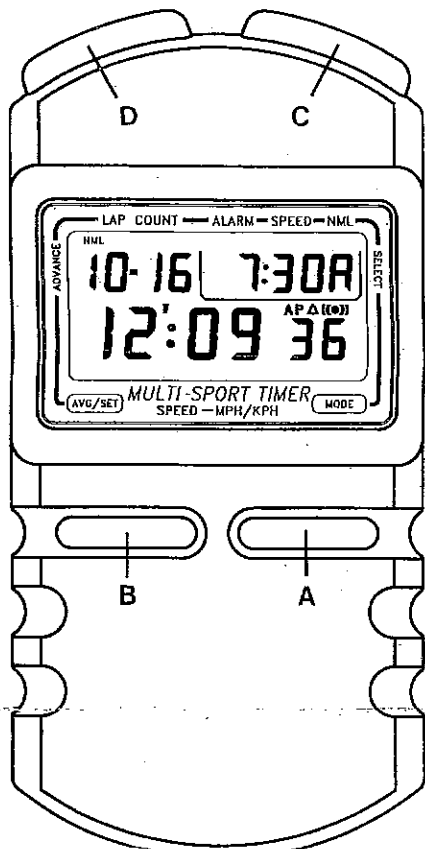
#### SPEED CHRONOMETER:

- Computes speed to 999.99 MPH or KPH
- 25-hour timing with 1/100 second resolution
- Precise distance setting to 999.99 or 99,999 MI/KM
- Recall average speed of multiple laps during event
- End-of-race average speed and time, total time, and total laps
- Lap counter to 999

#### INTERVAL LAP CHRONOGRAPH:

- 25-hour timing with 1/100 second resolution
- End-of-race accumulated time, average time, and total laps
- Lap counter to 999

**OTHER:** • Lithium battery for years of use



**NORMAL TIME UNITS OF MINUTES:** Press "C." Normal Time units of minutes appear flashing. Press "D" to advance.

**MONTH SETTING:** Press "C." Month appears flashing. Press "D" to advance.

**DATE SETTING:** Press "C." Date appears flashing. Press "D" to advance.

After setting the date, press "B" and the setting process is complete.

**NOTES:** 1) You may exit the setting process at any point by pressing "B"  
2) If you wish to set any particular function (Alarm, Time, or Calendar), press and hold "B" for three (3) seconds. Then, press "C" until that function appears flashing. Press "D" to advance that function. Then press "B" to return to Normal Time.

#### USING THE ALARM AND HOURLY CHIME

The Alarm in your watch can be armed (set to go off) to sound once a day. The Alarm indicator **(●)** will appear when the alarm is armed.

The Hourly Chime in your watch can be armed to sound one beep every hour, on the hour. The Chime indicator **△** will appear when the Hourly Chime is armed.

#### ARMING AND DISARMING THE ALARM AND HOURLY CHIME

The Alarm will automatically be armed after Alarm Time has been set by the procedure described above

OR

With your watch in Normal time (no digits/functions appear flashing):

1. Press "D". Chime indicator appears. Chime is armed.
2. Press "D" again. Chime indicator disappears and Alarm indicator appears. Alarm is armed.
3. Press "D" again. Chime indicator appears. Both Alarm and Chime are armed.
4. Press "D" again. Both Alarm and Chime indicators disappear. Both Alarm and Chime are disarmed.

**NOTE:** Your alarm will sound for 20 seconds when it goes off. You can silence the alarm by pressing any pushbutton.

#### SPEED CHRONOMETER

From Normal Time, press "A" once. Your watch is now in Speed Chronometer mode.

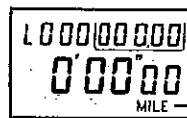
#### HOW TO OPERATE

The Speed Chronometer in your Robic watch will measure speeds up to 999.99 MPH or KPH.

#### 1. SETTING THE DISTANCE

The first step in operating your Speed Chronometer is to set the distance of the track. To do so, press and hold "B" for three (3) seconds. The Set Distance indicator appears and either the Miles or Kilometers indicator appears flashing.

**TO SELECT MILES OR KILOMETERS:** Press "D" until the desired unit of measurement (MI or KM) appears flashing.



PRESS "D" UNTIL DESIRED UNIT OF MEASUREMENT (MILE OR KM) APPEARS FLASHING

Now press "C." The decimal point in the box in the upper right row of the display appears flashing. Your Robic watch allows you to set the distance of the course in either hundredths (000.00) or thousandths (00.000) of a mile or kilometer.

**TO SELECT HUNDREDTHS OR THOUSANDTHS:** Press "D" until the decimal point is in the desired location.

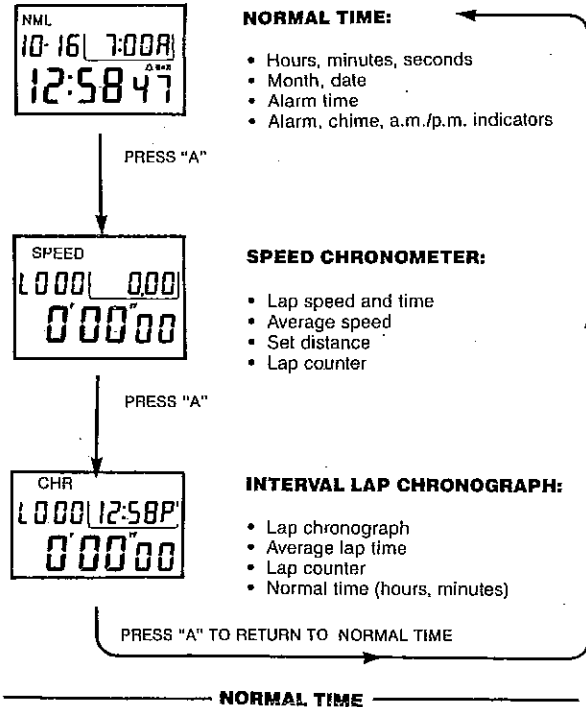
You are now ready to enter the course distance.

Press "C." The far left digit in the box in the upper row of the display appears flashing. Press "D" to advance that digit.

By pressing "C" to select the next digit you wish to set and then by pressing "D" to advance that distance, you can now proceed to set the distance. After entering the distance, press "B" to return to Speed Chronometer mode. Please note that display is at all zeros.

## HOW TO OPERATE

The starting point for operating your watch is Normal Time. If Normal Time is not displayed, press "A" until it appears.



## HOW TO SET AND OPERATE

If your watch is not in Normal Time, press "A" until Normal Time appears.

### SETTING ALARM TIME, NORMAL TIME, AND CALENDAR

Your Robic stopwatch is programmed to allow you to set these functions using the same procedure.

To begin the setting process, press and hold "B" for three (3) seconds. The alarm hour appears flashing. Proceed as follows:

**ALARM HOURS:** Press "D" to advance Alarm hours. A.M./P.M. indicator adjusts automatically.

**ALARM TENS OF MINUTES:** Press "C." Alarm tens of minutes appear flashing. Press "D" to advance.

**ALARM UNITS OF MINUTES:** Press "C." Alarm units of minutes appear flashing. Press "D" to advance.

**NORMAL TIME SECONDS:** Press "C." Normal Time seconds appear flashing. Press "D" to zeroize.

**NORMAL TIME HOURS:** Press "C." Normal Time hours appear flashing. Press "D" to advance. A.M./P.M. indicator adjusts automatically.

**NORMAL TIME TENS OF MINUTES:** Press "C." Normal Time tens of minutes appear flashing. Press "D" to advance.

**NOTES:** 1) Should you not need to set a particular digit, simply press "C" to bypass that digit and move on to the next. 2) You can exit the setting mode at any time during the procedure by pressing "B." 3) The maximum distance in hundredths is 999.99 miles or kilometers. The maximum distance in thousandths is 99.999 miles or kilometers.

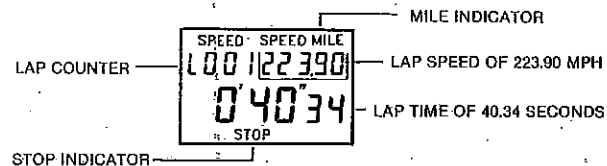
## 2. OPERATING THE SPEED CHRONOMETER

After entering the distance, you are now ready to operate the Speed Chronometer. For this section, assume that a track distance of 2.500 miles has been entered/set.

**A) START/STOP/ACCUMULATED TIME/RESET OPERATION (For one-lap events):**

**START:** Press "C" to start the Speed Chronometer. Run indicator appears.

**STOP:** Press "C" again; Stop indicator appears. 0'40"34 seconds has elapsed.



**ACCUMULATED TIME:** Press "D." The display will change to show the accumulated time.

**RESET:** Press "D" again. The display will return to START position.

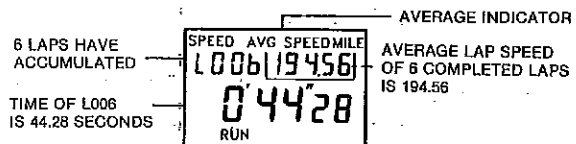
**B) START/LAP/AVERAGE/STOP/ACCUMULATED/RESET OPERATION (For multiple-lap events):**

**START:** Press "C" to start. Run indicator appears.

**LAP:** To take a lap speed reading, press "D" the instant the lap is completed. The speed will appear in the Speed box, the lap time will appear in the lower row, and lap number will appear in the Lap Counter. The lap reading will appear for 15 seconds, after which the lower display will automatically advance to current lap running time.

Your watch will take readings up to 999 laps.

**AVERAGE SPEED:** To display the average speed of completed laps, simply press "B." Average speed will appear in the Speed box. The average speed is for the number of laps shown on the Lap Counter. The time displayed in the lower row of the display is not average lap time, but rather the time for the last lap recorded.

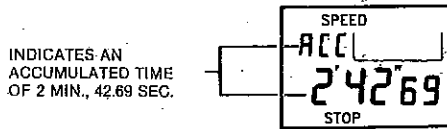


While the Speed Chronometer is active (running), the average lap reading will be computed based on completed laps. The current (partial) lap will not be included in the calculation.

The average lap reading function can also be activated after the completion of the event (press "C" to stop event timing), as long as the Chronometer has not been reset to all zeros.

At the end of the race (press "C" to stop event timing); press "B." The average speed for the total number of laps displayed in the Lap Counter will appear in the Speed box, and the average time will appear in the lower display.

**ACCUMULATED TIME:** After stopping the Chronograph, press "D". You can only read accumulated time at the end of event timing, for example:



**RESET:** Press "D" again to reset (zeroize) the Speed Chronometer.

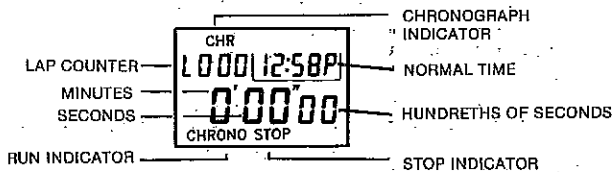
**NOTES:** 1) You may return to Normal Time at any time the Speed Chronometer is active by pressing "A". To return to Speed Chronometer mode from Normal Time, press "A" again. 2) The maximum speed computed by your Robic watch is 999.99 MPH or KPH. If the speed reading exceeds that amount, a beep will sound and the Speed Chronometer will continue running. When this condition occurs, simply press "D" again for the correct lap and speed reading, or "C," if you wish to stop timing the event.

### INTERVAL LAP CHRONOGRAPH

#### HOW TO OPERATE

From Normal Time, press "A" twice. Your watch is now in Chronograph mode. The display of your watch will appear as:

If the chronograph is running press "C" to stop, and "D" until the display returns to zeros.



The Chronograph will display in minutes, seconds, and 1/100 of a second for the first 60 minutes. After that, it will display in hours, minutes, and seconds up to 25 hours.

#### A) START/STOP/ACCUMULATED/RESET OPERATION:

**START:** Press "C" to start. Run indicator appears.

**STOP:** Press "C" to stop. Stop indicator appears.

**ACCUMULATED TIME:** Press "D" to display accumulated time.

**RESET:** Press "D" again to reset the Chronograph to all zeros.

#### B) START/LAP/STOP/AVERAGE/ACCUMULATED/RESET OPERATION:

**START:** Press "C" to start. Run indicator appears.

**LAP:** To take a lap time reading, press "D". Lap time appears in the lower row of the display and lap number appears in the Lap Counter.

The lap reading will remain in the display for 15 seconds, after which the display will automatically return to running time.

**STOP:** Press "C" to stop the Chronograph. Stop indicator appears.

**AVERAGE:** After stopping the Chronograph, press "B". Your Robic watch will automatically compute and display the average lap time and the total number of laps completed. The Average indicator will appear after pressing "B".

**ACCUMULATED TIME:** After stopping the Chronograph, press "D". Accumulated time of total laps will appear on the display.

**RESET:** Press "D" again to reset the Chronograph.

**NOTE:** You may return to Normal Time at any time during Chronograph operation by pressing "A". Pressing "A" again will return you from Normal Time to Chronograph.

Your timer will record up to 999 lap time readings.

## CARING FOR YOUR TIMEPIECE

Proper care of your **Robic** will provide many hours of enjoyment. We recommend that:

1. The battery be replaced at once when it becomes depleted. Please ask your local retailer to replace the battery for you using a **SANYO** type **CR2025**.
2. The lens be replaced immediately if it becomes damaged, as contamination from dust, moisture, and other foreign substances will damage the module.
3. If the timepiece is not marked "water-resistant," avoid immersing or exposing it to water, steam, or other forms of moisture.

## WHEN YOU REQUIRE SERVICE

If your timepiece ever requires factory servicing, you can send it directly to:

MBI Corp.  
P. O. Box 902  
Seymour, CT 06483

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 originating post office. You will be billed for all services performed deemed out of warranty; and since 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.

## LIMITED WARRANTY

### OUR BASIC POLICY

Marshall-Browning International Corporation (MBI Corp.) warrants to the original owner, this **Robic** quartz digital liquid display timepiece (excluding battery, lens, 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 timepiece was purchased.

### THE WARRANTY PROCESS

#### WHAT IS COVERED BY THE WARRANTY

If the timepiece 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 timepiece 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 \$4.50 to cover the cost of shipping and handling.

#### 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 mistreatment of the timepiece.
  3. Damage to the case or visible cracking of the lens.
  4. Moisture damage, if the product is a non-water-resistant timepiece.
- B. If we find that the battery is the cause of the defect, MBI Corp. reserves the right to charge you (\$3.50) 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.** MBI Corp. limits the duration of any warranty implied by state law, including the implied warranty of merchantability, to one year from the date of purchase. 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.