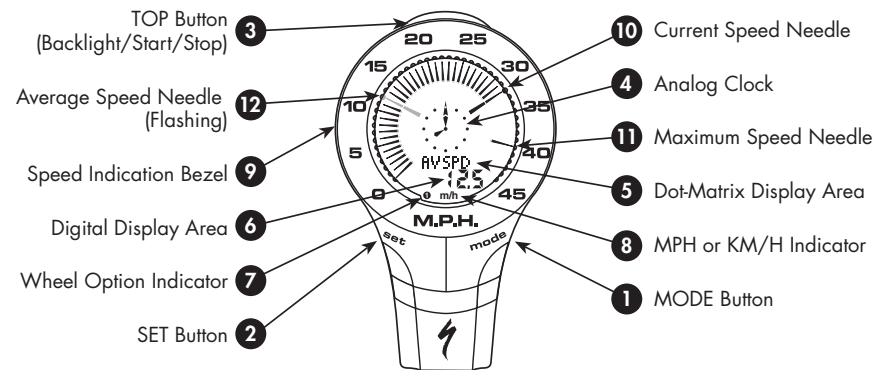


## **SPEEDZONE® PRO CYCLOCOMPUTER**

*Congratulations on your purchase! You are now the owner of the world's most advanced cyclocomputer. Your Specialized SpeedZone® Pro is the first cycling computer to feature wireless digital transmitters for both speed and cadence sensing. Additionally, it incorporates a revolutionary new display screen that allows you to view five functions simultaneously. The SpeedZone® Pro has been designed to provide the best combination of performance, features, durability and ease of use.*



**This illustration describes the screen display and buttons:**

**The following functions are available on your SpeedZone® Pro:**

- SPEED – Current Speed
- AVSPD – Average speed
- MXSPD – Maximum Speed
- TRIP – Trip Distance
- ODO – Odometer (total distance)
- ATM – Automatic Start/Timer
- TIMER – Stopwatch With Lap-timer
- CAD – Cadence
- AVCAD – Average Cadence
- MXCAD – Maximum Cadence
- INT – Interval Timer
- DIST ↓ – Distance Countdown
- ALTI – Current Altitude
- ALTI ↑ – Altitude Climbed
- %GRD – Inclinator
- TEMP – Temperature in °C or °F

- Digital 12/24 Hour Clock
- Analog Clock

**This computer also features:**

- Wireless digital speed and cadence sensing
- Five function LCD Display
- Second Wheel Option
- Easy Calibration Mode
- Water resistant housing
- 2 Year Warranty
- Backlit LCD display

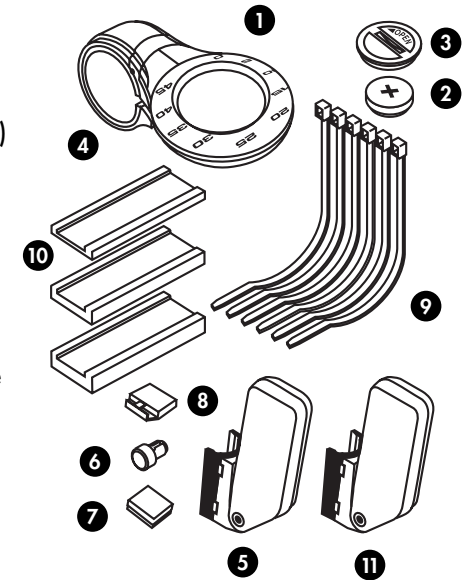
**The following items are included in your SpeedZone® Pro package:**

1. SpeedZone® Computer (1)
2. CR-2032 Lithium Battery (1)
3. Battery Door
4. Mounting bracket (1)
5. Cadence transmitter & mount (1)

6. Magnet with screw (1)
7. Adhesive backed magnet
8. Cadence magnet (1)
9. Cable tie wraps (6)
10. Mounting bracket sizing straps (3)
11. Speed Transmitter and mount (1)

### **BATTERY INSTALLATION AND REPLACEMENT**

Before using your SpeedZone® Pro Computer you will need to install the battery. Turn the computer over so the display is facing downward. Use a coin to unthread the battery cap from the computer. Install the battery (model CR2032, Specialized P/N 481-3004) with the positive pole (+) facing upward. Carefully thread the battery cap back onto the case with a



coin. (See Figure 3A) If, after battery replacement, the LCD display is blank or shows incomplete digits, turn the computer over and press the "AC" button on the bottom of the case with the tip of a pen or a paper clip. This will clear all the data and re-start the computer. If you need to replace the battery, make a note of your odometer reading and wheel circumference settings before removing it. You can then re-enter the data when you restart the computer.

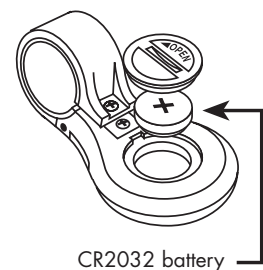
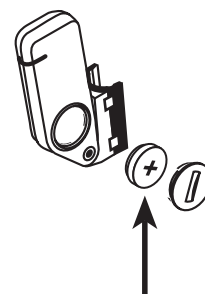


FIGURE 3A.

### Replacing the Transmitter Battery

The Wireless Transmitter comes with the battery installed at the factory. When the battery in the transmitter needs replacing, it will transmit a signal to your SpeedZone® Pro and the Dot Matrix Display Area will show "LOBAT". If you need to replace this battery, use a coin to unthread the battery cap from the transmitter housing. Install the battery (model CR2032, Specialized P/N 481-3004) with the positive pole (+) facing upward. (See

Figure 3B) Carefully thread the battery cap back onto the case with a coin.



CR2032 battery

FIGURE 3B.

note that that they are marked with a WHEEL (speed transmitter) icon or a CRANK (cadence transmitter) icon. It is very important that you mount them in the correct locations on your bicycle. The wireless speed transmitter can mount on the right or the left side of the fork blade. The right side should

### MOUNTING THE SPEEDZONE® PRO:

There are two transmitters included with your SpeedZone® Pro. One transmitter is for speed and the other is for cadence. Please

be used on large frames or when a suspension fork is installed. The optimal distance between the computer and the transmitter is 24 inches (610mm). To reduce signal loss in colder temperatures, the transmitter should be mounted as close to the

computer as possible. (Maximum mounting distance is 47 inches/1200mm).

Assemble the transmitter to the mount with the provided screw. Use the tie-wraps provided to position the transmitter on the fork leg. Do not tighten the tie-wraps until final

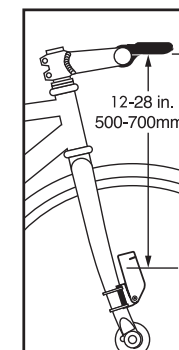


FIGURE 4. SENSOR PLACEMENT

placement of the magnet is correct. (See figure 4). For the best signal reception, adjust angle of the transmitter so that it is vertical. It is not necessary, or desirable to aim the transmitter at the computer.

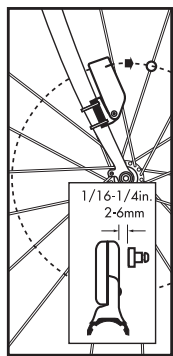


FIGURE 5.  
MAGNET  
PLACEMENT

Wheel magnets have been provided for both traditional round spokes and bladed (flat) aerodynamic spokes.

For wheels with round spokes: Attach the magnet to a spoke across from the transmitter with the magnet screw. The clearance between the

magnet and the transmitter should be approximately 1/32"-1/16" (1-2mm). Tighten the magnet and transmitter. Do not over-tighten the magnet screw. (See figure 5).

For wheels with bladed spokes; Use some isopropyl (rubbing) alcohol or a mild detergent to thoroughly clean the spoke that you plan to attach the magnet to. Remove the backing from the adhesive tape and firmly press the magnet onto spoke. The tape uses a special pressure sensitive adhesive. To ensure a strong bond, please wait at least 12 hours for the adhesive to cure before riding your bicycle.

Your SpeedZone Pro comes pre-configured with a strap to fit standard

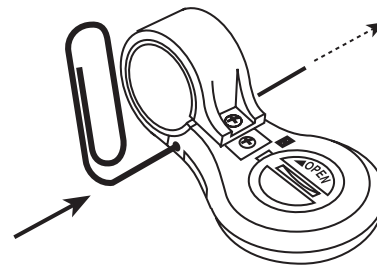


FIGURE 6. STRAP INSTALLATION

road and mountain bike handlebars. Attach the mount to the handlebar using the Philips head screw provided. Tighten so that the bracket cannot rotate on the handlebar. There are several sizing shims provided to fit different diameter bars. If you are using the new 31.8mm diameter bars, you will need to purchase the 31.8mm Handlebar Mount Kit

(Specialized P/N 4812-3100) from your Specialized dealer. To install the 31.8mm diameter strap onto your SpeedZone Pro, remove the two Philips head screws from the bottom of the computer and push out the retaining pin with a small screwdriver or a straightened paperclip. (See figure 6) Use caution not to lose the pin once you have removed it. Install the other mounting strap and reinsert the pin and screws. To test for proper installation of the magnet, transmitter and computer, activate the computer by pushing the 'MODE' (right side) button. Pick up the front of the bicycle and spin the front wheel. The "wheel option" indicator will flash. If it does not flash, check the sensor and magnet alignment. Realign as necessary

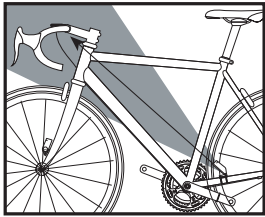


FIGURE 7.  
SECURING HARDWARE

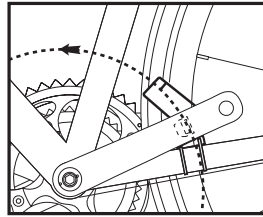


FIGURE 8.  
FASTEN MAGNET  
TO CRANK ARM

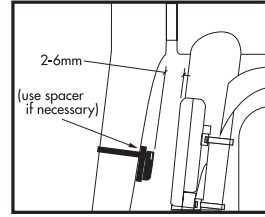


FIGURE 9.  
CLEARANCE BETWEEN  
MAGNET AND SENSOR

until the "wheel option" indicator flashes while spinning the wheel.

**IMPORTANT INSTALLATION NOTE:**

Your SpeedZone® Pro computer uses an advanced wireless digital transmission system. In order to operate correctly, it will need to "learn" the codes from the speed and cadence transmitters. There is a simple calibration

process that must be done only when you first install your SpeedZone® Pro and any time you replace the battery in the transmitter. (This should not be necessary when replacing the only computer batteries) Upon starting your SpeedZone® Pro, press the "MODE" button until "SPEED" is displayed. Then, press the "TOP" button once. The Display will now read

"SPEEDID". The "Dot-matrix Display Area" may show a number (the code of the digital speed transmitter) or "- - -". If a number is shown, press the mode button once and "- - -" will be displayed. Now, spin your front wheel to activate the transmitter. The SpeedZone Pro will automatically detect and store the speed transmitter code. Press "SET" to resume operation. To calibrate the Cadence function, press the "MODE" button until "CAD" is displayed. Then, press the "TOP" button once. The Display will now read "CADID". The "Dot-matrix Display Area" may show a number (the code of the cadence transmitter) or "- - -". If a number is shown, press the mode button once and "- - -" will be displayed. Now rotate the cranks

of your bicycle backward to activate the cadence transmitter. The SpeedZone Pro will automatically detect and store the transmitter code. Press "SET" to resume operation. These codes will be stored until the battery is depleted or removed.

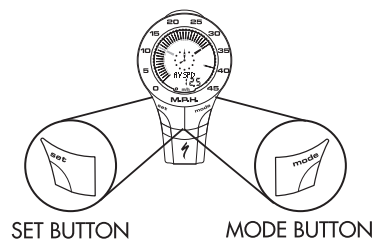
**MOUNTING CADENCE HARDWARE**

In order to use the cadence option you must install the cadence transmitter provided with your SpeedZone® Pro. This transmitter is marked with a CRANK icon. The transmitter should be fastened to the left chain stay of your bicycle. Secure the transmitter mount to the chain stay using the provided tie-wraps. Securely attach the transmitter to the mount with the pro-

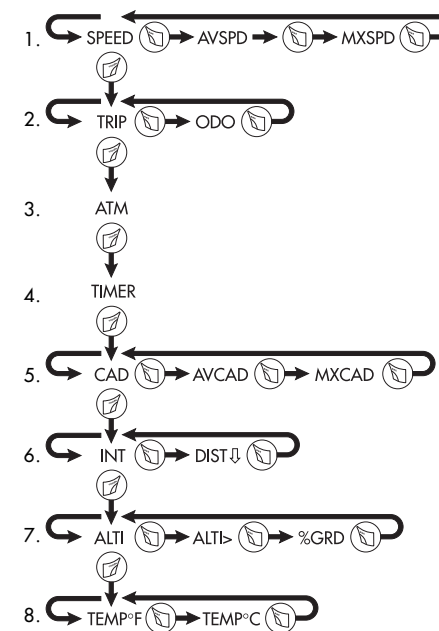
vided screw. For the best signal reception, adjust angle of the transmitter so that it is vertical (See figure 7). It is not necessary, or desirable to aim the transmitter at the computer. Next, attach the cadence magnet to the inside of your crank arm directly across from the sensor. Use a tie-wrap to fasten the magnet to the crank arm. (See figure 8). Do not tighten the tie-wrap until final placement of the magnet is correct. The clearance between the magnet and the sensor should be approximately 1/32"-1/16" (1-2mm). (See figure 9). Tighten the magnet and transmitter. **Note:** The maximum mounting distance from Transmitter to computer should not exceed 59 inches (1500mm).

## OPERATION AND PROGRAMMING

When your SpeedZone® Pro has not detected any speed input for 30 minutes, it will enter sleep-mode in order to conserve battery power. During sleep mode only the analog and digital clocks are displayed. You will need to wake it up by pushing the "Mode", "Set" or "Top" button once. In order to operate your computer it must be placed in various "modes" (i.e. odometer mode, distance mode). The computer can be cycled through these modes by pressing the "MODE" button located on the right-hand side of the housing. There are eight cycling modes available: 1) Speed Mode, 2) Distance Mode, 3) Auto-timer Mode, 4) Stopwatch Mode, 5) Cadence



Mode, 6) Countdown Mode, 7) Altitude Mode and 8) Temperature Mode. Within each mode there is a side-mode that will allow you to access additional information such as average and maximum speeds. Use the "SET" button to cycle through the side-modes. Once you familiarize yourself with the mode/side-mode operation you will find it very easy to navigate. The following flowchart out-



lines the mode/side-mode sequence. Once a particular mode has been entered, its values can be reset or adjusted by pressing and holding the "SET" button for three seconds. Some operations may require that you use a combination of the "MODE" and "SET" and "TOP" buttons.

### 1. Setting the Display Language

Your SpeedZone® Pro can display information on the dot-matrix display area in six different languages: English (ENGL), German (GER), French (FR), Italian (ITA), Dutch (NED), and Spanish (ESP). To select your language, depress hold the "MODE", "SET" and "TOP" buttons simultaneously for three seconds. The selected language will be displayed. Use the

"MODE" button to scroll through the languages. When the selected language is displayed (default language is English), press the "SET" button once to confirm your selection and exit display language mode.

### 2. Miles or Kilometers selection (English only)

Your SpeedZone® Pro will record distance and speed in either miles (m & m/h) or kilometers (K & Km/h). Please note that miles can only be selected when the language setting is English. All other languages display only kilometers. (See "Setting the Display Language" above). To enter your selection of miles or kilometers, push the "MODE" button until ODO appears on the left side of the display (This is

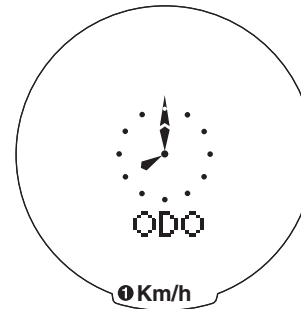


FIGURE 10. ODOMETER SCREEN

called the odometer mode). Note: if your display says TRIP, press the "SET" button once to change to ODO. Next, hold down the "SET" button for three seconds. The "Km" or "m" indicator will begin blinking. You may now alternate between miles and kilometers by pressing the "MODE" button. When the correct choice is flashing, select it

by pressing the "SET" button. You will now enter the "Programmable Odometer" mode. If the odometer setting is correct push the "SET" button five times to exit odometer mode. (Otherwise, see "Setting the programmable odometer" below).

**Note:** The Speed Indication Bezel will indicate 0-45MPH on SpeedZone Pro computers purchased in the USA and the U.K. and 0-90 Km/h on computers purchased in all other countries. Cyclists in the USA and the U.K. who would like to display their speed and distance data in kilometers will have to multiply the value of the numbers on the face of the bezel by two. For example, if the Speed needle is pointing to the 20 on the bezel, your actual speed is 40Km/h.

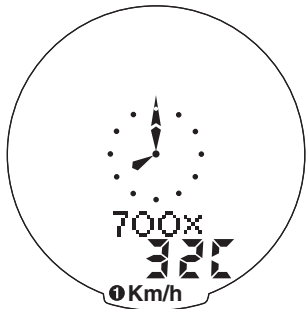


FIGURE 11. EASY CALIBRATION MODE

### 3. Setting the Programmable Odometer

This mode is useful if you have replaced the battery and would like to retain the mileage you have already ridden. To access the Programmable odometer mode, first advance to the Odometer Mode by pressing "MODE"

button until ODO appears on the left-hand side of the screen. Note: if your display says TRIP, press the "SET" button once to change to ODO. Hold down the "SET" button for three seconds (If you have selected English language, the Km/h indicator will flash. If the Km/h setting is correct press the "SET" button once) and a five-digit number will appear. You are now in the programmable odometer mode. To enter a mileage into the odometer, press the "MODE" button until the flashing digit is correct. (Note: The "MODE" button may be held to scroll to the correct digit.) Press the "SET" button to select the next digit to the right. Repeat this process until all five digits are entered as your existing mileage. (See figure 10)

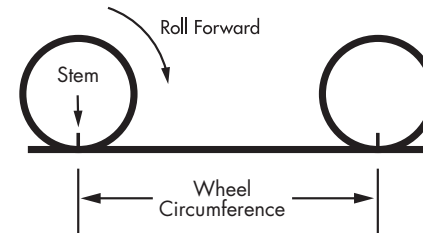


FIGURE 12. ROLL OUT ILLUSTRATION.

### 4. Wheel Circumference Selection

To set the circumference for the type of tires you are using, you can use Specialized's "Easy Calibration Mode" or measure your actual tire circumference by the rollout method. Two different tire diameters may be entered by using the computer's "Second Wheel Option."

### Easy Calibration Mode

Your SpeedZone® Pro has been pre-programmed with the following 14 Specialized tire sizes:

26 X 1.0	26 X 2.2
26 X 1.25	650c X 20
26 X 1.5	700c X 20
26 X 1.9	700c X 23
26 X 1.95	700c X 26
26 X 2.0	700c X 32
26 X 2.1	700c X 38

When using Easy Calibration Mode, the SpeedZone® Pro will display the tire size on its LCD display screen. (See figure 11) The Easy Calibration Mode is accessed by entering the Speed (SPEED) mode and holding down the "SET" button for three seconds. The display will now show the



currently selected tire size for wheel option #1. To scroll through the pre-programmed tire sizes tap both the "MODE" and "SET" buttons simultaneously. When you reach the desired tire size press the "SET" button once to select it and enter Easy Calibration Mode for wheel option #2. Follow the same procedure to program the wheel #2 tire size and tap the "SET" button to exit Easy Calibration Mode.

### Roll Out Method

The roll out method will provide the most accurate computer calibration and can take into account variables such as inflation pressure, rim width and rider weight.

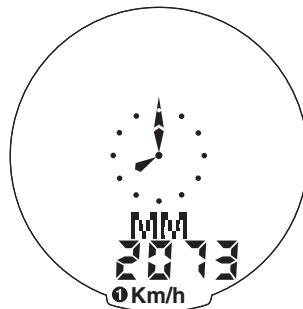


FIGURE 13. CIRCUMFERENCE PROGRAMMING SCREEN

1. Extend a tape measure out to 3000mm (120 inches) and lock it in place.
2. With your tire inflated to its proper pressure, place the valve at the 6:00 position (at the bottom) directly over the start of the measuring tape.

3. Roll the wheel one complete revolution until the valve stem is again at the 6:00 position. Read the tape directly under the valve and note the distance in millimeters. (To convert inches to millimeters, multiply inches by 25.4). Use this number to replace the default (default values are 2073 for wheel one, and 2134 for wheel two) when programming your computer. (See figure 12).

You may also use the following quick-reference chart:

### Generic Tire Size Chart

This chart is for non-Specialized tires

26 X 1.75	2140
26 X 2.0	2074
26 X 2.1	2090

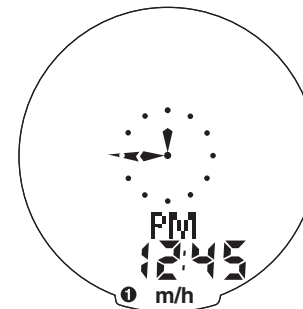


FIGURE 14. CLOCK MODE

650C X 20	1945
700C X 26	2124
700C X 38	2170

### Programming the circumference

To enter the tire circumference number, select the Speed (SPEED) mode and hold down the "SET" button for

three seconds. The display will now show the currently selected tire size for wheel option #1. (See figure 13). If necessary scroll through the preprogrammed tire sizes by tapping both the "MODE" and "SET" buttons simultaneously until the display shows MM and four-digit number. This number represents your tire circumference in millimeters. Press the "MODE" button until the flashing digit is correct. (**Note:** The "MODE" button may be held to scroll to the correct digit.) Press the "SET" button to select the next digit to the right. Repeat the process until all four digits are entered as your tire circumference. Press the "SET" button once to select it and enter the circumference for wheel option #2. Follow the same procedure

to program the wheel #2 tire size and tap the "SET" button to exit circumference programming mode.

### 5. Setting the Clock

Your SpeedZone® Pro features two clock displays, one analog and one digital. The hands of the analog clock will be set automatically to correspond to the digital one. To access the "clock mode" from any other mode, press and hold the "MODE" button for three seconds. To set the clock, press the "SET" button for three seconds. The display will flash either twelve (12:) or twenty four (24:). Select between 12: or 24: mode by pressing the "MODE" button. Press the "SET" button to confirm your selection. The hour digit will now begin flashing. Press the "MODE"

button to adjust the hour digits. AM/PM is selected by scrolling the hour digit. Press the "SET" button to accept the hour selection. The minutes will flash and can be adjusted by pressing the "MODE" button. (Hold the "MODE" button to scroll through the digits quickly) Press the "SET" button to set the minutes and return to clock mode. **Note:** The minute hand of the analog clock has twelve segments and can only display time in five-minute increments. The hand will not jump to the next segment until the digital clock reaches whole five-minute intervals. (e.g. 12:05, 12:10, 12:15 etc.)

### 6. Timer Selection

The SpeedZone® Pro has two timers; Automatic Timer Mode (ATM) and

Timer Mode (TIMER). The ATM selection allows you to keep track of your actual riding time. The timer only operates when the wheel is rotating and cannot be turned on or off manually. **Note:** The average speed (AVS) calculation is based upon the ATM time. The TIMER selection is just like a conventional stopwatch. The timer is activated manually and records the time whether the wheel is rotating or not. Tapping the "TOP" button starts and stops the stopwatch and holding the "SET" button for three seconds will reset to stopwatch. The TIMER includes a 12-memory lap time feature. To record a lap time, press the "SET" button once while the stopwatch is running. Each time the "SET" button is depressed the SpeedZone®

Pro will record the lap time. After the TIMER has been stopped (by pressing the "TOP" button) the previous twelve lap times can be reviewed by pressing "SET" button. Additionally, the computer will display the total time when LPTOT is shown.

### 7. Interval Timer (INT)

Your SpeedZone® Pro is equipped with an Interval Timer. This feature allows you to customize your training by integrating a programmable repeating countdown timer into your workout. To enter the interval timer mode, press the "MODE" button until "INT" appears Dot Matrix Display Area of the screen. You are now in interval timer mode. To set the interval timer, hold the "SET" button for

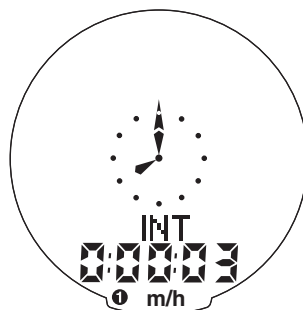


FIGURE 15. INTERVAL TIMER SCREEN

three seconds. The hour digit will begin flashing. Press the "MODE" Button until the desired number appears. (Hold down the "Mode" button to scroll quickly) Press the "SET" button once to set this number and advance to minutes. Repeat this process until minutes and seconds are

set to the desired settings. Press the "SET" button to exit programming mode. Once the time interval timer is programmed, press the "TOP" button to start/stop the countdown. (See figure 15). **Note:** The shortest interval that can be set is 5 seconds.

### 8. Altimeter (ALTI)

Your SpeedZone® Pro contains an extremely accurate altimeter that is capable of recording changes in altitude in increments as small as three feet (one meter). This altimeter calculated altitude by precisely measuring barometric pressure. Due to normal changes in barometric pressure, you may need to recalibrate your SpeedZone® Pro on a daily basis. You should be able to find the altitude

where you live on a topographical map or by contacting a nearby airport.

### 9. Altimeter Calibration

To calibrate your altimeter, press the "MODE" button until "ALTI" appears. Note: if your display says "ALTI ↑" or "%GRD", press the "SET" button to change to "ALTI". Then press the "SET" button for three seconds. The first altitude digit will begin flashing. Press the "MODE" button until the desired number appears. Press the "SET" button once to set this number and advance to the next. Repeat this process until you have entered the desired altitude. Press the "SET" button to exit programming mode.

**Note:** Altitude will be displayed in feet when speed is measured in miles per

hour and in meters when speed is measure in kilometers per hour.

### 10. Altitude Climbed/Maximum

The Altitude Climbed function on your SpeedZone® Pro calculates the total altitude gained during your ride. Descended altitude is not counted. To reset the Altitude Climbed to zero, press and hold the "SET" button for three seconds.

### 11. Distance Countdown (DIST ↓ )

Your SpeedZone® Pro is equipped with Distance Countdown feature. This allows you to set an alarm when the selected mileage is reached. To enter the Distance Countdown mode, press the "MODE" button until "DIST ↓" appears on the left-hand side of the

screen. To set the Distance Countdown, hold the "SET" button for three seconds. The hour digit will begin flashing. Press the "MODE" Button until the desired number appears. (Hold down the "Mode" button to scroll quickly) Press the "SET" button once to set this number and advance to minutes. Repeat this process until minutes and seconds are set to the desired settings. Press the "SET" button to exit programming mode. Once the time interval timer is programmed, press the "TOP" button to stop and start the Distance Countdown. **Note:** The shortest distance that can be set is .01 miles/km.

## COMPUTER FUNCTIONS

### Speedometer (SPEED)-

Your current speed is always shown by the long needle on the LCD screen. Each needle represents one M/h when miles is selected and two Km/h when kilometers is selected. The speed is also shown on the Digital Display Area up to 99.9 M/h (99.9 Km/h) with a resolution of 0.1 M/h (0.1 Km/h)

### Average Speed (AVSPD)-

Average Speed is always shown by the flashing long needle on the LCD screen. The average speed is based upon the ATM time. The resolution of the average speed data on the Digital Display Area is shown in 0.1M/h or Km/h increments. (See figure 16) The

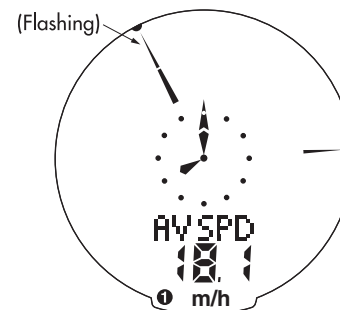


FIGURE 16. AVERAGE SPEED SCREEN

Average Speed is also shown on the Digital Display Area up to 99.9 M/h (99.9 Km/h) with a resolution of 0.1 M/h (0.1 Km/h)

### Maximum Speed (MXSPD)-

The maximum speed is shown by a short "Needle-Tip" that will usually be above the current speed needle (unless

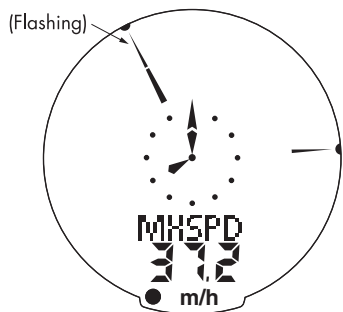


FIGURE 17. MAXIMUM SPEED SCREEN

the current speed equals the Maximum Speed). The maximum speed is retained in memory and updated when a higher speed is maintained for three seconds. The maximum speed can be reset by pressing the "SET" button for three seconds. (See figure 17) The Maximum Speed is also shown on the Digital Display Area up

to 99.9 M/h (99.9 Km/h) with a resolution of 0.1 M/h (0.1 Km/h)

**Auto Start/Stop Timer (ATM)-**

In ATM mode the timer function records the actual time spent riding. It operates only when there is speed input and is displayed In the Digital Display Area of the screen

**Timer Mode (TIMER)-**

In TIMER mode the stopwatch function will operate when the "TOP" button is pressed. The stopwatch will record the total time after the button is pressed regardless of whether there is speed input or not..

**Interval Timer (INT)-**

The interval timer is displayed on the lower line of the screen when (INT) appears on the left. The timer indicates the end of an interval with one short beep per second for the last 4 seconds of the interval. This is followed by a long beep, indicating the beginning of a new interval.

**Cadence (CAD)-**

Cadence mode will display your pedaling speed in RPM's (revolutions per minute) on the lower line of the screen. Monitoring how fast you turn your pedals can be used as a tool to enhance the efficiency with which you ride your bicycle. Simply put, the best cadence is a balance between leg speed and pedal pressure.

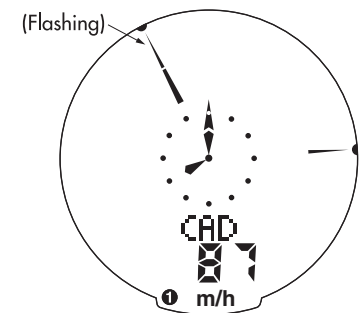


FIGURE 18. CADENCE SCREEN

Beginning cyclists typically prefer to pedal at a slower cadence, around 60-rpm, while advanced cyclists and racers are more efficient between 90 and 100 rpm. Your SpeedZone® Pro can also display Average and Maximum Cadence.

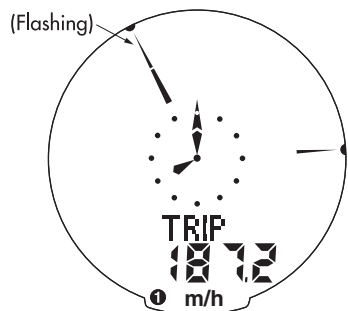


FIGURE 19. TRIP DISTANCE SCREEN

#### **Trip Distance (DST)-**

Trip distance mode will record up to 999.99 miles or kilometers and then roll to zero. The trip distance SET can be reset by pressing the "SET" button for three seconds. The resolution is 0.01 miles (0.01 Kilometers). The trip distance is shown on the lower line of the screen. (See figure 19)

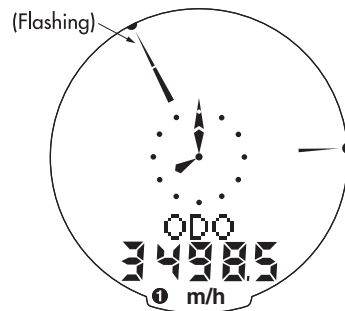


FIGURE 20. ODOMETER SCREEN

#### **Odometer (ODO)-**

The odometer will record the total distance traveled up to 99,999 miles or kilometers and then roll to zero. The odometer can be reset by pressing the "SET" button for three seconds. The total distance is shown on the lower line of the screen. (See figure 20)

#### **Programmable Odometer**

The odometer digits are programmable. This is convenient for transferring your hard-earned mileage that is usually lost when changing batteries or computers.

#### **INCLINOMETER (%GRD)**

The inclinometer will display the percentage of grade you are climbing or descending in increments of 1%. A negative grade or descent is indicated by a negative sign (example -3%).

**Tech note:** The inclinometer calculates percentage of grade by comparing the change in altitude to the distance traveled. This data is updated on the LCD display every 5 seconds and is based upon data accumulated during the previous 20 seconds. It is normal to

experience a slight delay when transitioning from one grade to another.

#### **Temperature (TEMP)**

Your SpeedZone® Pro contains a thermometer. Temperature is displayed in increments of one degree. While in "TEMP" mode, press the "SET" button to alternate between °C and °F.

#### **Clock-**

Your SpeedZone® Pro is equipped with a digital clock, which can be accessed from any other mode by pressing the "MODE" button for three seconds. The clock can be set to operate in either 12 or 24-hour mode.

### **Second Wheel Option-**

For riders who own more than one bicycle or who frequently change tires, the SpeedZone® Pro is capable of storing two tire sizes. You can change between the two sized by pressing both the "MODE" and "SET" buttons simultaneously for three seconds. The second wheel mode indicator will change from 1 to 2. Mileage recorded will be cumulative between the two sizes. (An accessory handlebar mount is available from your Specialized dealer. P/N 4812-4020)

### **Backlight-**

The backlight feature of your SpeedZone® Pro is activated by depressing the "TOP" button on for three seconds. Once activated, the

backlight will remain on for 3 seconds. During this time the current-speed display will be frozen, however the SpeedZone® Pro will continue to monitor time and distance functions. If the computer is in sleep-mode, you can still activate the backlight without waking-up the computer.

### **TROUBLESHOOTING:**

#### **Display is blank:**

Change the battery or press the AC button on the bottom of the case

#### **Display shows partial digits:**

Press the AC button on the bottom of the case.

### **Speed/distance not recording:**

Check sensor/magnet alignment. Make sure that the sensor is no more than 1/16" (2mm) from the magnet. Replace transmitter battery if necessary. Recalibrate Computer and transmitter.

### **Entire screen is dark:**

Did you leave the bike parked in the hot direct sun when it was parked? If so, move the bike to the shade. The data will be OK.

### **Computer moves on handlebar:**

Tighten mount or add sizing straps to improve fit on handlebar.

### **Important!**

- Pay attention to traffic and road conditions at all times. Your first obligation is to be attentive and to ride safely.
- Keep your computer in good shape and use it safely.
- Do not expose it to direct sunlight except when you are riding.
- Do not disassemble you SpeedZone. There are no user serviceable parts inside.
- Make sure the magnet and the transmitter are well aligned. Check them regularly.
- Keep the computer and all of its components tightly attached, and check them regularly. If any of the

components come loose, it could become tangled in your spokes and cause an accident.

- See your authorized Specialized dealer if you have any trouble installing or maintaining your computer.
- Clean the unit with a mild detergent and a soft dry cloth. Never use any kind of solvent or alcohol.
- The SpeedZone® Pro computer is intended for use on bicycles only and should not be used on any motorized vehicle.

**Specifications:**

Current Speed:  
0.0 to 99.9 MPH  
0.0 to 99.9 Km/H

Average Speed (AVS)  
0.0 to 199.9 MPH  
0.0 to 199.9 Km/H

Maximum Speed (MXS)  
0.0 to 199.9 MPH  
0.0 to 199.9 Km/H

Trip Distance (DST)  
0 to 999.99 miles or Km

Odometer (ODO)  
0 to 99,999 miles or Km

Stopwatch (TM)  
0 to 9hrs, 59min, 59sec. recycling type

Automatic Timer (ATM)  
0 to 9hrs, 59min, 59sec. recycling type

Interval Timer (INT)  
5 seconds to 9hrs, 59 min, 59 sec.

Distance Countdown(DIST↓)  
.01 to 999.99Miles  
.01 to 999.99Kilometers

Operating Temperature  
40°F to 104°F (4°C to 40°C)

The following replacement parts are available from your Specialized dealer or by visiting the Specialized S-store at [WWW.SPECIALIZED.COM](http://WWW.SPECIALIZED.COM)

**Description / Part#**

- Standard Wheel Magnet/ 480-3003
- CR-2032 SpeedZone Battery/ 480-3004
- Second mounting kit/4812-4020
- Adhesive Backed Wheel Magnet/ 4800-3002
- 31.8mm Handlebar Mount Kit/ 4812-3100

**Two Year Limited Warranty:**

Specialized Bicycle Components Inc. warrants the Original Purchaser of this Specialized® SpeedZone® Pro cyclocomputer that the product is free from defects of material and workmanship under normal use and service for a period of two (2) years from the date of the original purchase. If within two (2) year from the



date of that original purchase, this product is found to be defective in material or workmanship under normal use or service, Specialized Bicycle Components Inc. will, at its sole option, repair or replace the product without charge; provided that the Original Purchaser returns the product, securely packaged, postage prepaid to:

**Specialized Bicycle Components Inc.,**  
1137 South, 3800 West Salt Lake City, UT  
84104, USA. Attn: SpeedZone Pro  
Warranty. Be sure to include a letter indicating the specific reasons for returning the product and proof of date of purchase.

THIS WARRANTY DOES NOT APPLY TO,  
AND IS VOID AS TO, DEFECTS OR PHYSICAL  
DAMAGE RESULTING FROM  
ABUSE, NEGLIGENCE, IMPROPER REPAIR,

IMPROPER FIT, ALTERATIONS, MODIFICATIONS OR USE CONTRARY TO THAT INTENDED BY THE MANUFACTURER. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE IS LIMITED IN DURATION OF THIS LIMITED WARRANTY. SPECIALIZED BICYCLE SPORTONMENTS, INC. SHALL NOT BE LIABLE FOR ANY ACCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM ANY BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS PRODUCT. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND ALL OTHER REMEDIES, GUARANTIES OR LIABILITIES ARISING BY LAW OR OTHERWISE.

**Note:** This warranty does not pertain to batteries.

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