



**POWERS YOUR  
PERFORMANCE**

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**PRO SCIO**

**3.3 • 3.5 • 4.1**

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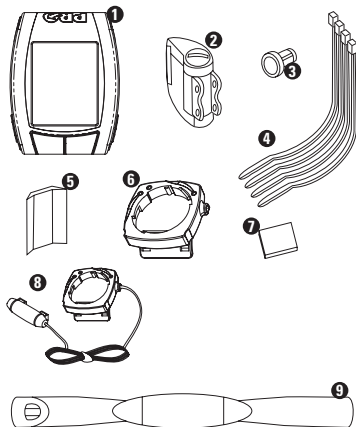
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## WARNINGS & CAUTIONS

- **WARNING:** Failure to pay attention to the road, trail, traffic or your surroundings could result in an accident, with risk of serious injury, paralysis or death. You must focus on riding, not your computer. Learn computer operations, and do all possible computer operations when not riding. For any operations you choose to perform while riding, choose a time and place where this distraction has less risk.
- **CAUTION:** Mount the Cyclecomputer according to the directions in this instruction manual.
- **CAUTION:** Avoid direct impact to the Cyclecomputer unit.
- **CAUTION:** Do not submerge the Cyclecomputer unit.
- **CAUTION:** Avoid using the Cyclecomputer unit in or near strong electromagnetic fields such as high-voltage power lines or other transmitters.
- **CAUTION:** Do not disassemble the unit.
- **CAUTION:** Make sure the magnet and the transmitter are well aligned and check them regularly.
- **CAUTION:** PRO Scio Cyclecomputers are intended for use on bicycles only and should not be used on any motorized vehicle.
- **CAUTION:** Change the battery prior to failure to avoid data loss.
- **CAUTION:** Clean the unit with a mild detergent and a soft dry cloth. Never use any kind of solvent or alcohol.

# COMPONENTS OF THE CYCLECOMPUTER



- 1 **CYCLO COMPUTER UNIT**
- 2 **WIRELESS FORK TRANSMITTER**
- 3 **WHEEL MAGNET**
- 4 **ZIP-TIES**
- 5 **WIRELESS FORK TRANSMITTER MOUNTING PAD**
- 6 **WIRELESS MOUNTING BRACKET**  
(PRO SCIO 3.5 & 4.1)
- 7 **MOUNTING BRACKET RUBBER PAD**
- 8 **WIRED CADENCE TRANSMITTER MOUNTING BRACKET**  
(PRO SCIO 3.3)
- 9 **HEART RATE TRANSMITTER STRAP**  
(PRO SCIO 4.1)

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## REPLACING THE BATTERY

PRO Scio Cyclecomputers are powered by a CR2032 3v Lithium Battery. Under normal conditions, this battery should last approximately one year.

### REPLACING THE COMPUTER BATTERY

1. Using a coin, turn the battery door counter clockwise until the door comes free.
2. Take care not to damage the O-ring seal for the battery compartment and carefully remove the old battery.
3. Place a new battery in the battery compartment with the positive (+) side toward the battery door. Be extremely careful not to bend the battery contact when inserting a new battery.
4. Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
5. If the O-ring has been damaged, replace it before reinstalling the battery door.

**CAUTION:** Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.

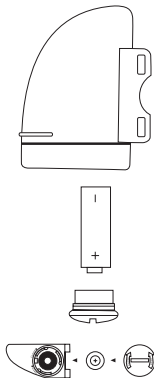


## CHANGING THE BATTERY IN THE WIRELESS SPEED TRANSMITTER - PRO SCIO

The Wireless Speed Transmitter uses a 23A 12v Alkaline battery. Under normal conditions, this battery should last approximately one year.

1. Using a coin, turn the battery door counter clockwise until the door comes free.
2. Take care not to damage the O-ring seal for the battery compartment and carefully remove the old battery.
3. Place a new battery in the transmitter positive (+) side toward the battery door.
4. Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
5. If the O-ring has been damaged, replace it before reinstalling the battery door.

**NOTE:** Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.



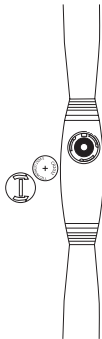
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## CHANGING THE BATTERY IN THE HEART RATE TRANSMITTER BELT - PRO SCIO 4.1

The PRO Scio 4.1 features a wireless heart rate transmitter, powered by a CR2032 3v Lithium battery. Under normal conditions you can expect to get approximately 700-800 hours of heart rate transmitter use with a fresh battery.

1. Using a coin, turn the battery door counter clockwise until the door comes free of the watch.
2. Take care not to damage the O-ring seal for the battery compartment and carefully remove the old battery.
3. Place a new battery in the battery compartment with the positive (+) side toward the battery door.
4. Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
5. If the O-ring has been damaged, replace it before reinstalling the battery door. Most jewelers and watch shops should have replacement O-ring seals.

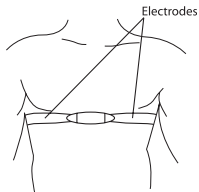
**NOTE:** Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.





## WEARING THE HEART RATE TRANSMITTER BELT - PRO SCIO 4.1

To ensure a proper heart rate display, the chest transmitter must be moistened and properly adjusted. Wet the electrodes (located to the right and left of the main transmitter case) with saliva or ECG conductive gel. Do not use water, moisturizing creams or suntan oil, as these are insulators and may interfere with the heart rate signal. Snap the plastic tabs at the end of the elastic belt into the holes at the end of the transmitter, and adjust the strap so that the transmitter fits tightly below the pectoral muscles, as shown in the drawing.



**NOTE:** Users with significant chest hair may have a problem obtaining contact between the transmitter electrodes and their skin, resulting in poor performance. It may be necessary for these individuals to shave the area of their chest beneath the transmitter.

**NOTE:** In dry and cold climates it may take a few minutes of use for the electrodes to soften, and a layer of perspiration to form between the contact and the skin for good performance. Moistening the electrodes with saliva or ECG conductive gel can speed up this process.

## INSTALLING THE CYCLECOMPUTER ON YOUR BIKE - PRO SCIO 3.3

### MOUNTING THE WIRED CADENCE SENSOR

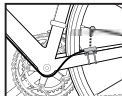
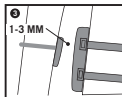
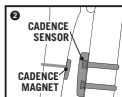
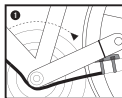
On the PRO Scio 3.3, speed is picked up wirelessly from the front wheel and cadence is picked up via a wired connection from the crank arm.

The wired cadence sensor is best installed starting with the cadence sensor unit and then working up toward the handlebar or stem bracket.

1. Attach the cadence sensor to the LEFT chain stay near where the crank/pedal pass the stay using the zip-ties provided. Do not fully tighten zip-ties.

**NOTE:** The wires exiting the sensor should be pointing toward the front of the bike.

2. Attach the cadence magnet to the back side of the LEFT crank arm using the zip-tie provided.
3. Align the cadence sensor and magnet and rotate the sensor so the magnet passes within 1-3mm.



# INSTALLING THE CYCLOCOMPUTER ON YOUR BIKE - PRO SCIO 3.3

## MOUNTING THE WIRED CADENCE SENSOR

(continued)

4. Route the sensor wire forward and under the bottom bracket and along the bottom of the down tube securing it occasionally with tape. Once you are near the head tube the sensor wire should be wrapped around the front or rear derailleur cable housing and the around the front brake cable housing.
5. Wrap any excess wire around the front brake cable housing. Use electrical tape to secure the cable in place if necessary. When you are done you should have just enough wire left to connect to the receiver unit's mounting point.

**CAUTION:** Make sure you leave enough slack in the sensor wire so the handle bars can turn fully from side to side.



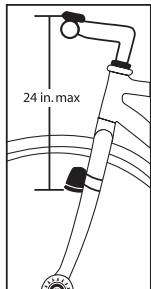
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# INSTALLING THE CYCLOCOMPUTER ON YOUR BIKE

## INSTALLING THE WIRELESS FORK TRANSMITTER

The PRO Scio 3.3, 3.5 and 4.1 receive speed and distance from a wireless transmitter mounted to the front fork.

1. Attach the wireless front wheel sensor and rubber mounting pad to the front of the left fork blade using the zip-ties provided so the battery cap is pointing downward. Snug up the zip-ties but do not fully tighten them. The sensor should be mounted as high on the fork blade as possible. The range of the transmitter is approximately 18in (46cm). Mounting it high on the fork will assure good signal reception. Other mounting locations may work, but we feel this is the best location for most applications.
2. Attach the spoke magnet to a spoke on the same side of the wheel as the sensor. Tighten the attachment screw just enough to hold the magnet in place but loose enough so that it is still movable.

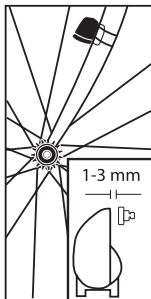


# INSTALLING THE CYCLOCOMPUTER ON YOUR BIKE

## INSTALLING THE WIRELESS FORK TRANSMITTER (CONTINUED)

3. Adjust the position of the sensor and magnet so they are in proper alignment as shown. The magnet should pass by the sensor adjacent to the molded plastic line at a distance of 1-3mm.
4. Once everything is in alignment, fully tighten the spoke magnet in place and tighten the zip-ties holding the sensor to the fork.

continued next page



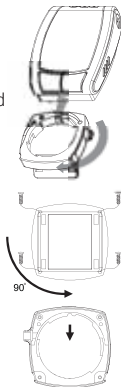
# INSTALLING THE CYCLOCOMPUTER ON YOUR BIKE

## MOUNTING THE HANDLEBAR/STEM BRACKET

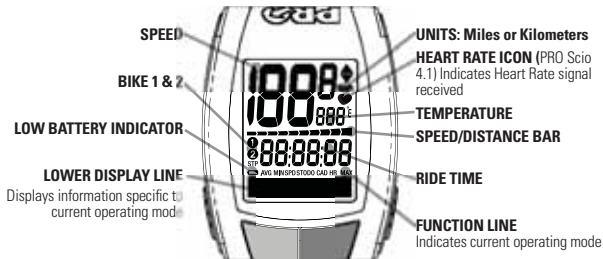
1. Place the Cyclecomputer unit into the mounting bracket and turn clockwise until the unit snaps into place.

**NOTE:** When mounting the unit on the stem, you must first remove the 4 screws on the back of the mounting bracket and rotate it 90 degrees. Replace the screws - do not overtighten. The unit is now properly aligned for mounting on the stem.

2. Place the mounting bracket in the desired position on handle bars or stem.
3. Thread the zip-ties provided through the holes on one side of the mounting sleeve and around the handlebar or stem. Once the unit is positioned correctly, secure the zip-ties and trim off the excess ends.



## PRO SCIO 3.3, 3.5 AND 4.1 DISPLAY FIELDS



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## MAIN OPERATING MODES

The PRO Scio 3.3 has 7 main operating modes. In all modes, Speed and Temperature and Ride Time are constant. Current operating mode is displayed in the lower display line.

**Scroll through modes by Pressing the MODE key.**

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AVE/MAX SPEED



DISTANCE



ODOMETER



TIME OF DAY



MIN/MAX  
TEMPERATURE



CADENCE

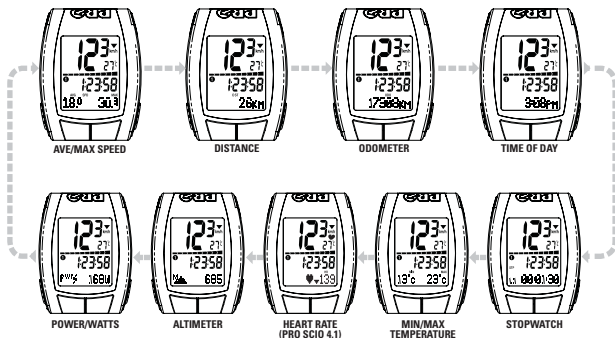


STOPWATCH



## MAIN OPERATING MODES

The PRO Scio 3.5 has 8 main operating modes. The PRO Scio 4.1 has 9 main operating modes. In all modes, Speed and Ride Time are constant. Current operating mode is displayed in the lower display line. **Scroll through modes by Pressing the MODE key.**



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# MEASURING WHEEL SIZE

## DETERMINING YOUR WHEEL SIZE

PRO Scio Computers use the rolling circumference of your wheel and tire combination to determine speed and distance. The more accurate this setting, the more accurate your ride information will be. However, variations of less than 30mm from the actual circumference will have very little impact on the overall accuracy of the unit.

For easy setup, PRO Scio computers come with 14 pre-programmed wheel/tire sizes. Simply select the size of your tire as you scroll through the list in the programming sequence.

If your wheel/tire size is not one of the sizes in the accompanying chart, or if you desire absolute accuracy, you may enter an exact wheel circumference into the system. Use the method on the following page for measuring the circumference of your wheel/tire combination.

WHEEL SIZE	CIRCUMFERENCE
26 X 1.0	1973
26 X 1.5	2026
26 X 1.6	2051
26 X 2	2114
700 X 20C	2114
700 X 23C	2133

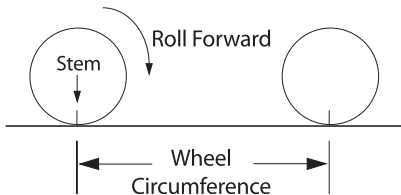
WHEEL SIZE	CIRCUMFERENCE
700 X 25C	2146
700 X 28C	2149
700 X 32C	2174
700 X 35C	2205
700 X 40C	2224

## MEASURING WHEEL SIZE

### MEASURING WHEEL SIZE USING ROLLOUT METHOD

The roll-out method is the most accurate method for determining the circumference of your wheel/tire combination.

1. On a flat open surface make a mark on your tire and the floor exactly where they meet.
2. Roll your bike forward one full revolution of the front wheel and mark the point on the floor where the revolution is complete. For maximum accuracy be sitting on the bike while someone rolls you and the bike forward.
3. Measure the distance from the first mark to the second in millimeters and enter the resulting number into your computer.



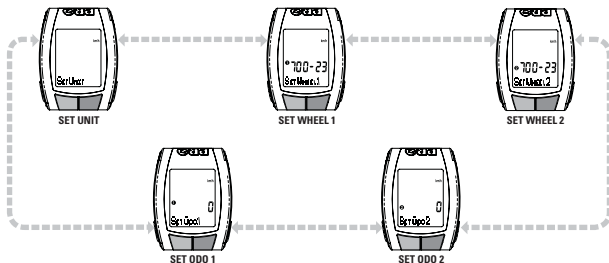
# PROGRAMMING THE CYCLECOMPUTER

## SELECTING MILES OR KILOMETERS, SETTING WHEEL SIZE AND ODMETER

In Odometer Mode, Press & Hold the MODE key to enter the Setting Menu. There are 5 individual fields of information in the Odometer Setting Menu. Scroll through the fields by Pressing the OPTION or EL key.

**Note:** you may exit the Setting Sequence at any time by Pressing & Holding the MODE key.

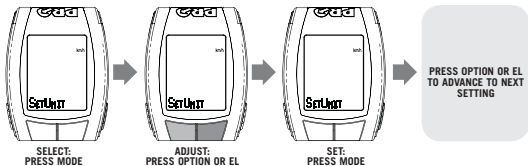
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## PROGRAMMING THE CYCLECOMPUTER

### SET UNITS (MILES OR KILOMETERS)

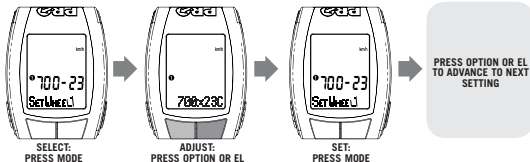
1. Press the MODE key.
2. Adjust Miles or Kilometers by Pressing the OPTION or EL key.
3. Set Units by Pressing the MODE key.
4. Advance to next setting option by pressing OPTION or EL key.



## PROGRAMMING THE CYCLECOMPUTER

### SETTING WHEEL SIZE 1 & 2

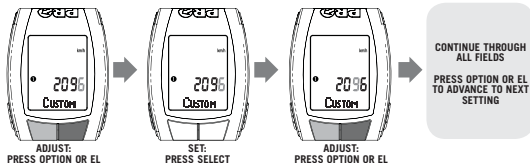
1. Select Wheel Size 1 or 2 by pressing the OPTION or EL key.
2. Press the MODE key.
3. Scroll through pre-programmed wheel values by pressing the OPTION or EL key.
4. Set wheel size by pressing the MODE key.



## PROGRAMMING THE CYCLECOMPUTER

### MANUALLY SETTING WHEEL SIZE

5. Repeat steps 1-3 and continue to scroll through pre-programmed values until CUSTOM appears in the display.
6. Press the SELECT key. The far left digit will begin to flash.
7. Adjust digit by Pressing OPTION or EL key.
8. Set value and advance to next digit by Pressing the SELECT key.
9. Once all fields have been adjusted, Press the MODE key to return to Setting Menu.
10. To set Wheel 2, Repeat Steps 1 through 9.



## PROGRAMMING THE CYCLECOMPUTER

### SETTING ODOMETER

PRO Scio Cyclocomputers allow you to manually program your odometers for both Bike 1 & 2. This is useful for preserving distance totals in the event of battery failure or if you need to reset the computer for any reason.

1. Select ODO 1 or 2 by pressing the OPTION or EL key.
2. Press the MODE key. The far right digit will begin to flash.
3. Adjust digit by Pressing OPTION or EL key.
4. Set value and advance to next digit by Pressing the MODE key.
5. Once all fields have been adjusted, Press the MODE key to return to Setting Menu. To set ODO 2, repeat steps 1-5.



ADJUST:  
PRESS OPTION OR EL



SET & ADVANCE:  
PRESS MODE



ADJUST:  
PRESS OPTION OR EL



CONTINUE THROUGH  
ALL FIELDS  
PRESS OPTION OR EL  
TO ADVANCE TO NEXT  
SETTING

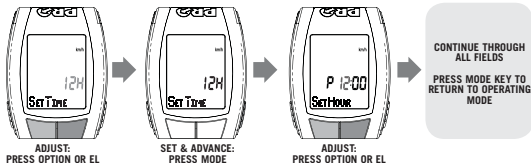


## PROGRAMMING THE CYCLECOMPUTER

### SETTING TIME OF DAY

PRO Scio Cyclecomputers display Time of Day in 1-minute resolution in 12 or 24-hour formats.

1. In Time Mode, Press & Hold the MODE key to enter the Programming Sequence.
2. Adjust 12 or 24-hour format by Pressing the OPTION or EL key.
3. Set format and advance to set time by Pressing the MODE key.
4. Adjust Hour by pressing the OPTION key (to increase) or the EL key (to decrease).
5. Set Hour and advance to set minutes by Pressing the MODE key.
6. Adjust minutes by Pressing the OPTION or EL key.
7. Press MODE key to set minutes and return to Operating mode.

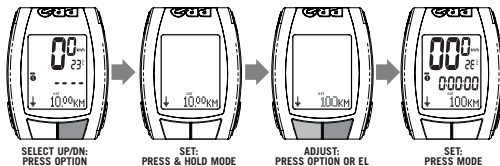


## PROGRAMMING THE CYCLECOMPUTER

### SETTING DISTANCE COUNTDOWN

PRO Scio Cyclocomputers allow you to program a specific distance and count down to your specified destination in 1/100-mile/kilometer resolution.

1. In Distance mode, Press the Option key to toggle between Distance Up and Down. The Distance Countdown icon (↓) will appear in the center line of the display.
2. In Distance Down mode, Press & Hold the MODE key to enter the Programming Sequence.
3. Adjust distance starting by pressing the OPTION or EL key.
4. Set count down distance and return to operating mode by pressing the MODE key.



# PROGRAMMING THE CYCLECOMPUTER

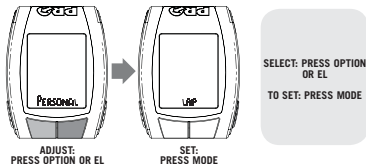
## SETTING THE STOPWATCH AND ENTERING PERSONAL DATA (STOPWATCH MODE)

PRO Scio Cyclocomputers estimate calories consumed during your ride. To calculate Calories you must enter your weight.

**Note:** you must also enter your weight to calculate Power/Wattage (PRO Scio 3.5, 4.1 only)

In Stopwatch Mode, press & hold the Mode key to enter the Setting Menu. There are 2 individual fields of information in the Stopwatch Setting Menu. Scroll through the fields by pressing the OPTION or EL key.

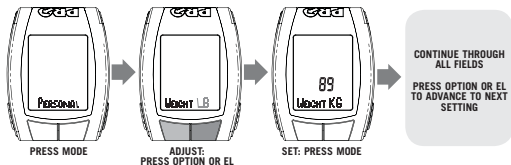
**Note:** you may exit the Setting Sequence at any time by Pressing & Holding the MODE key.



## PROGRAMMING THE CYCLECOMPUTER

### SETTING PERSONAL DATA

1. In the Stopwatch Setting menu, select PERSONAL by pressing the Option or EL key.
2. Press the Mode key.
3. Adjust weight units (lbs or KG) by pressing the OPTION or EL key. Press MODE to set.
4. Adjust Weight by pressing the OPTION or EL keys. Press MODE to set.
5. Select Gender by pressing the OPTION or EL keys.
6. Press MODE to set return to setting menu.



## PROGRAMMING THE CYCLECOMPUTER

### SETTING THE STOPWATCH LAP FUNCTION

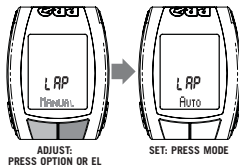
PRO Scio Cyclecomputers are equipped with an advanced Lap Chronograph that allows you to time laps either manually or automatically based on either time or distance.

1. In the Stopwatch Setting menu, select LAP by pressing the OPTION or EL key.
2. Press the MODE key.
3. Scroll through Lap functions (AUTO or MANUAL) by pressing the OPTION or EL key.

### MANUAL FUNCTION

4. To operate the Stopwatch manually, select MANUAL. Press the MODE key to return to operating mode.

(continued next page)



## PROGRAMMING THE CYCLECOMPUTER

### SETTING THE STOPWATCH LAP FUNCTION - AUTO LAP

Auto LAP function automatically times laps based on either a pre-set time or distance.

1. From the Lap Setting Menu, Select AUTO by pressing the Option or EL key. Press the MODE key.
2. Select DISTANCE or TIME by pressing the Option or EL key. Press the MODE key.

### SETTING DISTANCE-BASED LAPS:

3. Adjust distance (.5 – 18.5 miles/30 km) by pressing the OPTION or EL key. Press the MODE key to return to operating mode.

### SETTING TIME-BASED LAPS:

4. Adjust minutes by pressing the OPTION or EL key. Set Minutes and advance to set hours by pressing the MODE key.
5. Adjust hours (0-9) by pressing the OPTION or EL key. Press the MODE key to return to operating mode.



SELECT AUTO



SELECT TIME OR  
DISTANCE



ADJUST:  
PRESS OPTION OR EL



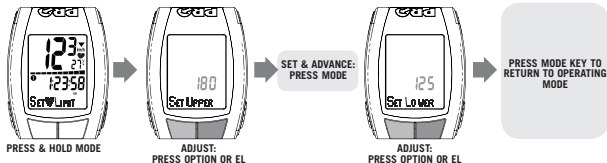
PRESS MODE TO EXIT  
SETTING

## PROGRAMMING THE CYCLECOMPUTER

### SETTING HEART RATE TRAINING ZONE (PRO SCIO 4.1)

The PRO Scio 4.1 allows you to set a target heart rate training zone in one beat per minute increments. The Stopwatch memory tracks time spent ABOVE, BELOW, and IN the target heart rate training zone that you have set for review after your workout. (see Viewing Lap Data page 37)

1. In Heart Rate mode, press & hold the Mode key to enter the setting sequence.
2. Adjust UPPER LIMIT by pressing OPTION or EL key.
3. Press the Mode key to set and advance to next setting.
4. Adjust LOWER LIMIT by pressing OPTION or EL key.
5. Press the MODE key to return to operating mode.



## PROGRAMMING THE CYCLECOMPUTER

### SETTING THE ALTIMETER (PRO SCIO 3.5 & 4.1)

PRO Scio 3.5 & 4.1 have an advanced altimeter system that tracks distance ascent, distance descent and displays current altitude and current slope gradient.

**Note:** If miles are selected distance units, altimeter measurements will be in feet. If kilometers are selected, altimeter measurements will be in meters.

1. In Altimeter Mode, press & hold the Mode key to enter the setting sequence.
2. Select above (+) or below (-) Sea Level by pressing the OPTION or EL key.
3. Press the Mode key to set and advance to next setting. The far right digit will begin to flash.
4. Adjust digit by pressing OPTION or EL key.
5. Set value and advance to next digit by pressing the Mode key.
6. Once all fields have been adjusted, press the MODE key to return to operating mode.



ADJUST:  
PRESS OPTION OR EL



SET & ADVANCE:  
PRESS MODE



ADJUST:  
PRESS OPTION OR EL

CONTINUE THROUGH  
ALL FIELDS  
  
PRESS MODE KEY TO  
RETURN TO OPERATING  
MODE



## OPERATING THE CYCLOCOMPUTER

### SLEEP MODE

To conserve battery life, when the Cyclecomputer does not receive a signal for a period of time, the unit goes into SLEEP mode. The display reads Time of Day in the center display line. All other display fields are blank. Press any key to wake the unit and resume Operating mode.

### RESETTING THE UNIT

To clear all ride information, Press & Hold both the MODE and SELECT keys for 2 seconds in Ave./Max. Speed mode.



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## OPERATING THE CYCLOCOMPUTER

### SELECT BIKE 1 OR BIKE 2

PRO Scio Cyclecomputers allow you to program two separate bike specifications.

#### SWITCH FROM BIKE 1 TO BIKE 2

1. In Odometer (ODO) mode, press & hold the OPTION key to view Odometer 2. (Release the OPTION key to resume Bike 1 settings.)
2. Continue holding the OPTION key and press the SELECT key. Bike 2 indicator icon will now display.



PRESS & HOLD OPTION  
KEY & PRESS SELECT

#### SWITCH FROM BIKE 2 TO BIKE 1

1. In Odometer (ODO) mode, press & hold the OPTION key. Bike 1 indicator icon will now display.



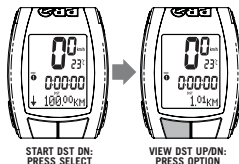
PRESS & HOLD  
OPTION KEY

# OPERATING THE CYCLOCOMPUTER

## DISTANCE TRAVELED / DISTANCE COUNTDOWN

PRO Scio Cyclocomputers allow you to view both distance traveled and distance remaining to your destination.

1. Once a Distance has been programmed (see page 26), activate Distance Countdown by pressing the SELECT key. The center line display segments ( **■■■■■■■■■■** ) will display the relative distance remaining to your destination by varying display from right to left.
2. The unit also estimates your Arrival Time based on your average speed. Toggle between Distance Traveled, Distance Countdown and Arrival Time by pressing the OPTION key in Distance (DST) mode.



## OPERATING THE CYCLOCOMPUTER

### OPERATING THE STOPWATCH

PRO Scio Cyclocomputers are equipped with a lap Stopwatch that functions independently of Ride Data.

1. In Stopwatch Mode, press the SELECT key to begin timing.

### MANUALLY TIMING LAPS

2. While Stopwatch is running, press the SELECT key to STOP LAP timing. To begin another LAP, press the SELECT key again.
3. Current lap number is displayed in lower left of display screen.

### AUTO TIMING LAPS

In AUTO LAP setting, laps are automatically timed by either a preset distance or time. Current lap number is displayed in lower left of display screen and indicated as either (T) time- or (D) distanced-based.

1. Press SELECT to begin timing.
2. Press Select to stop timing

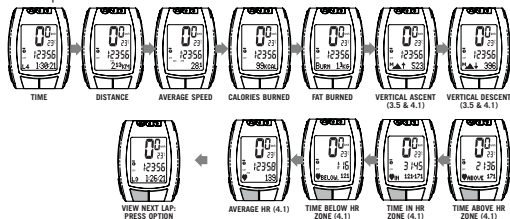
**Note:** you may override the Auto Lap function and manually begin a new lap any time by pressing the SELECT key to stop current lap and again to begin a new lap or by pressing the OPTION key to advance to new lap.

# OPERATING THE CYCLOCOMPUTER

## VIEWING LAP DATA

PRO Scio Cyclecomputers have an advanced memory that allows you to view detailed ride information by individual laps.

1. With Stopwatch stopped, press the OPTION key begin the memory sequence.
2. Scroll through individual lap data (starting with latest lap in descending order) by pressing the OPTION key. Lap data will automatically display in the following sequence:

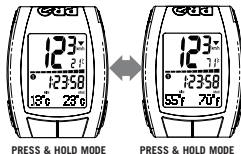


3. Press SELECT to resume timing. Press MODE to exit data recall and resume normal operating mode.

## OPERATING THE CYCLOCOMPUTER

### TEMPERATURE MODE

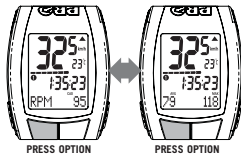
Change Temperature units from °C (Celsius) to °F (Fahrenheit) by pressing & holding the MODE key in Temperature mode.



## OPERATING THE CYCLOCOMPUTER

### CADENCE MODE (PRO SCIO 3.3)

In Cadence mode, toggle between Current Cadence and Average and Max cadence by pressing the OPTION key.



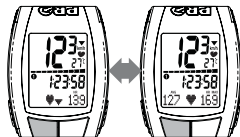
## OPERATING THE CYCLOCOMPUTER

### HEART RATE MODE (PRO SCIO 4.1 ONLY)

When the PRO Scio 4.1 is receiving a heart rate signal, Heart Rate icon (♥) will display above the Temperature field. The Target Zone arrows (▼ ▲) indicate whether current heart rate is above or below Target Zone.

### VIEW AVERAGE AND MAX HEART RATE

1. Press the OPTION key in Heart Rate mode.



### CONSTANT HEART RATE DISPLAY

The PRO Scio 4.1 allows you to view current Heart Rate in all operating modes.

1. In Heart Rate Mode, press & hold the SELECT key. Current Heart Rate will display in the Temperature display field in all operating modes.
2. Switch back to Temperature display by pressing and holding the SELECT key.

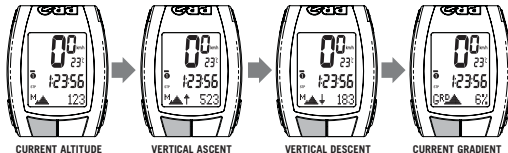




## OPERATING THE CYCLOCOMPUTER

### ALTIMETER MODE (PRO SCIO 3.5 & 4.1)

The PRO Scio 3.5 and 4.1 have 4 Altimeter sub modes. Scroll through Altimeter modes by pressing the OPTION key.



english

### POWER MODE (PRO SCIO 3.5 & 4.1)

The PRO Scio displays your current Power/Wattage output based on rider weight, current speed and current gradient.



# OPERATING THE CYCLOCOMPUTER

## OPERATING THE EL/BACKLIGHT SYSTEM

PRO Scio cyclecomputers are equipped with an EL/Backlight for viewing in low light conditions. Press the EL key to illuminate the display for approximately 5 seconds.

**Note:** Excessive use of backlight will reduce battery life.

### SMART EL ON/OFF

When active, the SMART EL system will continue to illuminate the screen as long as keys are continually being pressed such as a Programming Sequence.

To activate the SMART EL system press & hold the EL key for 2 seconds. Display will indicate SMART EL ON.

To deactivate, press & hold EL key for 2 seconds. Display will indicate SMART EL OFF.

## TROUBLESHOOTING

- **DECREASED CONTRAST IN DISPLAY SCREEN:** Battery is weak and must be replaced.
- **DISPLAY IS BLANK:** Change the battery or reset the computer.
- **DISPLAY SHOWS PARTIAL DIGITS:** Reset the computer.
- **SPEED/DISTANCE NOT RECORDING:** Check sensor/magnet alignment. Make sure that the sensor is no more than 3mm from the magnet.
- **ENTIRE SCREEN IS DARK:** Unit may have been over exposed to direct sunlight. Move the bike to the shade. The data will be OK.
- **NO OR ERATIC SPEED DISPLAY:** **1)** Distance between magnet and transmitter is too great (3 mm maximum). **2)** Interference from electro magnetic field. **3)** Sensor wires may be fully or partially severed.

## FUNCTIONAL SPECIFICATIONS & RANGES

### TIME OF DAY

- 24 hours with one-minute resolution
- Functional in either 12 or 24 hour formats

### ODOMETER

- 9999 miles or kilometers
- 1 mile or 1 kilometer resolution
- Distance Countdown: 999km/m

### TRIP

- 9999.9 miles or kilometers
- .1 mile or .1 kilometer resolution

### WHEEL SIZE

- Wheel circumference measured in millimeters
- 0 - 2999

### SPEED

- 0-199.9 MPH or KPH
- 0.1 MPH or KPH resolution

### STOPWATCH

- 19-lap X 9h 59m 59s
- 1-second resolution
- Auto Lap/Time 9h 59m 59s
- Auto Lap/Distance 99 KM or M

### CADENCE (PRO SCIO 3.3)

- 30 - 240

### ALTIMETER (PRO SCIO 3.5, 4.1)

- Current Altitude: -381M ~ 6000M
- Ascent/Descent: 9999M
- % Gradient  $\pm 20\%$

### TEMPERATURE

- -20 ~ +60C

### HEART RATE (PRO SCIO 4.1)

- 30 - 240 beats per minute

## WARRANTY & REPAIR

### **ALL PRO CYCLOCOMPUTERS ARE SUBJECT TO A LIMITED WARRANTY OF 2 YEARS.**

PRO hereby warrants that all of its products are subject to a 2-year Warranty. This Warranty can only be applied to by the original purchaser of the product, and is restricted to defects in material and/or workmanship (not applicable in case of abuse, neglect or normal wear and tear!). PRO will only replace or repair those products that fully comply with the above stated rules.

For more information or specific details regarding claims against this warranty please contact your local dealer or search for your local PRO dealer or distributor in the Dealer Locator on the official PRO website (<http://www.pro-bikegear.com>).



[www.pro-bikegear.com](http://www.pro-bikegear.com)

Industrieweg 24  
8071 CT Nunspeet  
The Netherlands

[illegible]

Item	DIGI / PACE SERIES							APEX SERIES					
	X5	X8	X10	W7	W12	WR	Limit	X-1.6	W-2.1	W-2.9 RPM	W-3.5 Alti	W-4.0 Alti-HR	Limit
1	Speed	Y	Y	Y	Y	Y	0.0 – 199.9 Km/h or 120.0 Mile/h +/- 1%	WIRED	ANALOG W/L	ANALOG W/L	ANALOG W/L	ANALOG W/L	199.9Km/h or m/h
2	No. of keys	1	1	1	1	2		2	2	4	4	4	
3	Scan	Y	Y	Y				Y	Y				
4	Auto Start	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	
5	Max. Speed		Y	Y	Y	Y	0.0 – 199.9 Km/h or 120.0 Mile/h +/- 1%	Y	Y	Y	Y	Y	199.9
6	Speed bar (% of max. speed)							Y	Y	Y	Y	Y	10%-100% @ 10steps
7	Average Speed		Y	Y	Y	Y	0.0 – 199.9 Km/h or 120.0 Mile/h +/- 0.1%	Y	Y	Y	Y	Y	199.9
8	Speed Pacer			Y		Y							
9	Speed Comparison							Y	Y	Y	Y	Y	
10	Distance 1	Y	Y	Y	Y	Y	0.00 – 999.99 Km or Miles +/- 0.1%	Y	Y	Y	Y	Y	999.99
11	Distance 2						0.00 – 999.99 Km or Miles +/- 0.1%		Y	Y	Y	Y	999.99
12	ODO 1	Y	Y	Y	Y	Y	(X5/X8/X10) 0.0 – 19999.9 Km or Miles +/- 0.1% (W7/W12/WR) 0.0 – 99999.9 Km or Miles +/- 0.1%	Y	Y	Y	Y	Y	99999
13	ODO2				Y		(X5/X8/X10) 0.0 – 19999.9 Km or Miles +/- 0.1% (W7/W12/WR) 0.0 – 99999.9 Km or Miles +/- 0.1%		Y	Y	Y	Y	99999
14	ODO 1+2				Y		(X5/X8/X10) 0.0 – 19999.9 Km or Miles +/- 0.1% (W7/W12/WR) 0.0 – 99999.9 Km or Miles +/- 0.1%			Y	Y	Y	99999
15	Ride time 1		Y	Y	Y	Y	0H00M00S - 19H59M59S	Y	Y	Y	Y	Y	19:59:59
16	Ride time 2						0H00M00S - 19H59M59S		Y	Y	Y		
17	Total Ride time			Y	Y	Y	0H00M - 1999H59M					Y	19:59:59
18	Distance Countdown								Y	Y	Y	Y	999Km / mile
19	Time to arrival (Arrival time/time remain)								Y	Y	Y	Y	
20	% to arrival (Bar display)								Y	Y	Y	Y	10% – 100% @ 10steps
21	2nd Wheel size							Y	Y	Y	Y	Y	0-399mm
22	Time (12/24hr)	Y	Y	Y	Y	Y	(X5/X8/X10) 12 (W7/W12/WR) 12/24	Y	Y	Y	Y	Y	12/24
23	Auto sleep	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	5 min
24	Heart rate											Y	30-240bpm
25	Max Heart rate											Y	240bpm
26	Average Heart rate											Y	240bpm
27	Upper/Lower Limit w/ visable alarm											Y	
28	Calorie											Y	9999
29	Fat burn											Y	1.3Kg
30	Calorie expenditure / Fat burn							Y	Y	Y	Y	Y	9999KCAL / Fat burn
31	Stopwatch							Y	Y	19 Laps x 9:59:59	19 Laps x 9:59:59	19 Laps x 9:59:59	9:59:59
32	Auto Lap (Time/Distance)									Y	Y	Y	(T9:59:59/D99KM)
33	Altimeter										Y	Y	-381M – 6000M
34	Home Altitude storage										Y	Y	-381M – 6000M
35	Altitude gain/loss										Y	Y	9999M
36	% gradient										Y	Y	+/-20%
37	Power										Y	Y	
38	Temperature (C/F)				Y		0°C~+50°C, 32F~+122F			Y	Y	Y	-20 ~ +60
39	Max Temperature									Y	Y	Y	-20 ~ +60
40	Min Temperature									Y	Y	Y	-20 ~ +60
41	Cadence				Y		0-240rpm +/-1.5%			Y	Y	Y	30 – 240
42	Average Cadence									Y	Y	Y	30 – 240
43	Max Cadence									Y	Y	Y	30 – 240
44	Total pedal revolution Bike 1+2				Y		0-999999 Revolutions						
45	Easy Calibration									Y	Y	Y	14 + custom
46	Service interval reminder					Y		Y	Y	Y	Y	Y	50Km for every 500Km
47	EL Backlight									Y	Y	Y	
48	Smart EL Backlight									Y	Y	Y	from 18:00 to 24:00
49	Low battery indication				Y	Y	Y			Y	Y	Y	2.6V
Acc.	Speed Transmitter				Y	Y	Y			Y	Y	Y	
	Cadence Transmitter					Y							
	Heart Rate belt											Y	
	Handle bar bracket	incl. Speed Sensor	incl. Speed Sensor	incl. Speed Sensor	Y	Y	Y	incl. Speed Sensor	Y	incl. Cadence Sensor	Y	Y	
	Speed magnet	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	Cable ties	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	