

**ENGLISH** 

## PRO SCIO

3.3 • 3.5 • 4.1

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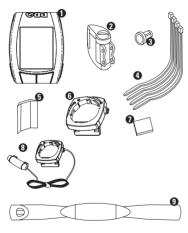
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## **WARNINGS & CAUTIONS**

- 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



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

(PRO SCIO 4.1)

## 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

- Using a coin, turn the battery door counter clockwise until the door comes free.
- 2. Take care not to damage the 0-ring seal for the battery compartment and carefully remove the old battery.



- 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.
- 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.

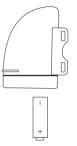
**CAUTION**: Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.

# 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.

- Using a coin, turn the battery door counter clockwise until the door comes free.
- Take care not to damage the 0-ring seal for the battery compartment and carefully remove the old battery.
- Place a new battery in the transmitter positive (+) side toward the battery door.
- Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
- 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.











# 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.

- Using a coin, turn the battery door counter clockwise until the door comes free of the watch.
- Take care not to damage the O-ring seal for the battery compartment and carefully remove the old battery.
- Place a new battery in the battery compartment with the positive (+) side toward the battery door.
  - Place the battery door over the opening and tighten it down by using a coin and turning in a clockwise direction.
  - 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.

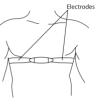
**NOTE:** Extreme care should be taken when replacing the battery to ensure the unit remains fully water resistant. Failure to properly replace the battery and correctly seal the unit may cause the unit to become damaged and may void the warranty.





# 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 heneath 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.



 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.
- 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.

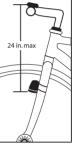


## INSTALLING THE CYCLOCOMPUTER ON YOUR BIKE

#### INSTALLING THE WIRELESS FORK TRANSMITTER

The PRO Scio 3.3, 3.5 and 4.1 receive speed and distance from a wireless transmitter

- 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.
- 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

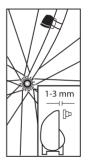


## INSTALLING THE CYCLOCOMPUTER ON YOUR BIKE

## INSTALLING THE WIRELESS FORK TRANSMITTER (CONTINUED)

- 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
- Once everything is in alignment, fully tighten the spoke magnet in place and tighten the zip-ties holding the sensor to the fork.

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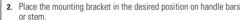


## INSTALLING THE CYCLOCOMPUTER ON YOUR BIKE

#### MOUNTING THE HANDLEBAR/STEM BRACKET

 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 degees. Replace the screws - do not overtighten. The unit is now properly aligned for mounting on the stem.



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.





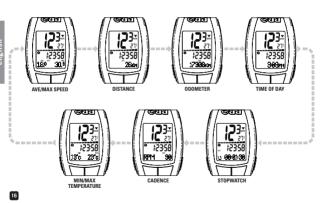
## PRO SCIO 3.3, 3.5 AND 4.1 DISPLAY FIELDS



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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.



## 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**.



## **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          |
| •          | ·             |

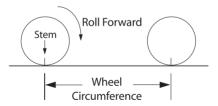


## **MEASURING WHEEL SIZE**

#### MEASURING WHEEL SIZE USING ROLLOUT METHOD

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

- On a flat open surface make a mark on your tire and the floor exactly where they
  meet
- 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.
- Measure the distance from the first mark to the second in millimeters and enter the resulting number into your computer.

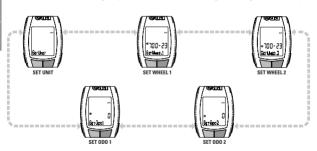


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## SELECTING MILES OR KILOMETERS, SETTING WHEEL SIZE AND ODMETER

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.

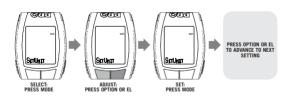
Note: you may exit the Setting Sequence at any time by Pressing & Holding the MODE key.





#### SET UNITS (MILES OR KILOMETERS)

- 1. Press the MODE kev.
- 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.



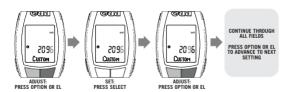
#### SETTING WHEEL SIZE 1 & 2

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



#### MANUALLY SETTING WHEEL SIZE

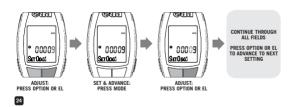
- Repeat steps 1-3 and continue to scroll through pre-programmed values until CUSTOM appears in the display.
- 6. Press the SELECT key. The far left digit will begin to flash.
- 7. Adjust digit by Pressing OPTION or EL key.
- 8. Set value and advance to next digit by Pressing the SELECT key.
- 9. Once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



#### 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.

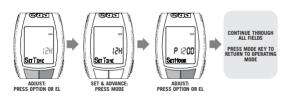
- 1. Select ODO 1 or 2 by pressing the OPTION or EL key.
- 2. Press the MODE key. The far right digit will begin to flash.
- 3. Adjust digit by Pressing OPTION or EL key.
- 4. Set value and advance to next digit by Pressing the MODE key.
- Once all fields have been adjusted, Press the MODE key to return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



#### SETTING TIME OF DAY

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

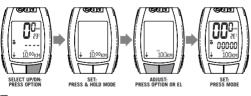
- 1. In Time Mode, Press & Hold the MODE key to enter the Programming Sequence.
- 2. Adjust 12 or 24-hour format by Pressing the OPTION or EL key.
- 3. Set format and advance to set time by Pressing the MODE key.
- 4. Adjust Hour by pressing the OPTION key (to increase) or the EL key (to decrease).
-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



#### 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.

- In Distance mode, Press the Option key to toggle between Distance Up and Down. The Distance Countdown icon ( \$\frac{1}{2}\$) will appear in the center line of the display.
- 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.



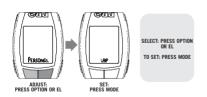
## SETTING THE STOPWATCH AND ENTERING PERSONAL DATA (STOPWATCH MODE)

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)

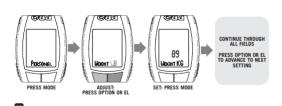
In Stopwatch Mode, press & hold the Mode key to enter the Setting Menu. There are 2 individual fields of information in the Stopwatch Setting Menu. Scroll through the fields by pressing the OPTION or EL key.

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



#### 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.



#### SETTING THE STOPWATCH LAP FUNCTION

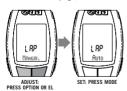
PRO Scio Cyclecomputers are equipped with an advanced Lap Chronograph that allows you to time laps either manually or automatically based on either time or distance.

- $\textbf{1.} \quad \text{In the Stopwatch Setting menu, select LAP by pressing the OPTION or EL key}.$
- 2. Press the MODE key.
- 3. Scroll through Lap functions (AUTO or MANUAL) by pressing the OPTION or EL key.

#### MANUAL FUNCTION

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

(continued next page)



#### SETTING THE STOPWATCH LAP FUNCTION - AUTO LAP

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

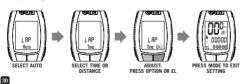
- From the Lap Setting Menu, Select AUTO by pressing the Option or EL key. Press the MODE key.
- 2. Select DISTANCE or TIME by pressing the Option or EL key. Press the MODE key.

## SETTING DISTANCE-BASED LAPS:

 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:

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



#### 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.



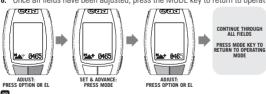
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#### SETTING THE ALTIMETER (PRO SCIO 3.5 & 4.1)

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.

- In Altimeter Mode, press & hold the Mode key to enter the setting sequence.
   Select above (+) or helow (-) Sea Level by pressing the OPTION or FL key.
- 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.



#### 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.



#### SELECT BIKE 1 OR BIKE 2

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

#### SWITCH FROM BIKE 1 TO BIKE 2

- In Odometer (ODO) mode, press & hold the OPTION key to view Ododeter 2. (Release the OPTION key to resume Bike 1 settings.)
- 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

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



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#### DISTANCE TRAVELED / DISTANCE COUNTDOWN

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

- 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 STOPWATCH

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

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

#### MANUALLY TIMING LAPS

- 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

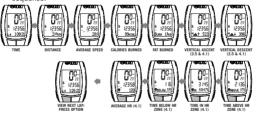
**Note:** you may override the Auto Lap function and manually begin a new lap any time by pressing the SELECT key to stop current lap and again to begin a new lap or by pressing the OPTION key to advance to new lap.



#### 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.
- 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:



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

### TEMPERATURE MODE

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



## **CADENCE MODE (PRO SCIO 3.3)**

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



#### 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.

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





## 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.



# 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 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 baterry 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 FL 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

#### ODOMFTER

- 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-lan 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 +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 tearl). 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

Industrieweg 24 8071 CT Nunspeet The Netherlands

| EN  | NL   | FR                                      | GE   | т                                     | PO  | es  | RUS  | JP                           |                  |                   |  | DIGI / PA | CE SERIES |      |   |                   |             | W-2.9 RPM          | EX SERIES   |              | Link                            |
|---|--|---|--|---------------------------------------|---|---|--|------------------------------|------------------|-------------------|--|-----------|-----------|------|---|-------------------|-------------|--------------------|---|--------------|---------------------------------|
| 1 Speed   | Sneheid  | - Channel                               | Gearbaindiskeit  | Selection                             | Velocidade  | Valoristad  | Connects   |                              |                  | A4                | X10  | W/        |           | WK Y | 0.0 - 199 9 Kmb or 120 0 Milesh al. 1%  | WIDED             | ANN OG WIL  |                    | ANN OG WI   |              |                                 |
|   | Aantal toetsen                                 | Nombre de fonctions                     | Zahl der Taxten  | N BO TASTI                            | N°. de teclas   | N° de teclas  | Hosep store  | ALT S                        |                  | -                 | - 1  | - 1       |           |      | 0.0 - 199.9 AVNIN OF 120.0 MIRET. AV- 1%  | WHOLD             | ANALOG WIL  | ANALUG VIIL        | ANALOG WIL  | ANALUG VIII. | 199 SAULT OF INT                |
| 2 No. or keys<br>3 Scan                         | Scan   | Nombre de tonctions<br>Branner          | Scan   | Scan                                  | Nr. de tecas<br>Busca   | IN' de sicias   | Craumossum   | Table V                      | - 1              | 1                 | - 1  | - 1       | -1        | 2    |   | 2                 | 2<br>V      | - 4                | - 4   | +            |                                 |
| 4 Auto Start                                    | Auto Start                                     | Mas en marche sulo                      | Scan<br>Auto Start   | Auto Start                            | Auto Arrangue   | hicio automático  | Anno sanyos  | 4-178-1                      | - 1              |                   |  | Y         |           | -    |   | -                 | ,           |                    |   | · v          | +                               |
| 5 Max Speed                                     | Max Snelheid                                   | Ulterna May                             | Hischatosachwindiokeit   | Nei May                               | Valoridade Máx  | Velocidad mits  | Marc Copports  | 最高を重要                        | - 1              |                   | - 1  |           |           |      | 0.0 - 199.9 Kmh or 120.0 Mleih 4/- 1%   |                   |             |                    | , ,   |              |                                 |
| 6 Speed bar (% of max. speed)                   | Snahaidshalk /% yan may analhaid)              | Viteras Instantando /%, de la viteras   | Flooringescrivingess  Geschaltsfielde Balkenerseine PL der Maximalneachaind            | Sellarra univertà (% uni Max)         | Barra de velocidade /% de velocidade más                      |   | S on water connection  | 報告述文<br>確定パー (計算高速パーナントをの)   | _                | Y                 | Y  | Y         | Y         | Y    | 0.0 - 199.9 Kmm or 120.0 Miles N- 1%  | , v               | Ÿ           | Ÿ                  | , ,   | , v          | 199,9<br>1075-1007s /ft 10stern |
|   |  | Vitesse Instantanée (% de la vitesse    | Geschwindigkeits-Balkenanzeige (% der Maximalgeschwind<br>Durcharbeitlananchwindinkeit |                                       | Barra de velocidade (% de velocidade máx<br>Velocidade Máxile |   |  | 建度パー (対象高速パーセント質引)<br>切的途接   |                  |                   |  | Y         | v         | v    |   | Y                 | Y           | Y                  | Y   | , v          | 10%-100% @ 10steps              |
| 7 Average Speed                                 | Gemiddelde Snelheid<br>Snelheidenaner          |   |  | Velocità media                        |   | Velocidad media   | Средния окорость   | F的速度<br>スピースペーサー             | _                | Y                 | Y  | Y         |           |      | 0.0 - 199.9 Km/h or 120.0 Mile/h +/- 0.1%   | Y                 | Y           | Y                  | Y   | — Y          | 199,9                           |
| g Speed Pacer                                   |  | Vitexse de pédalage                     | Anzeige +/- der Durchschnittsgeschwindigkeit   | Misuratore velocità                   | Regulador de Velocidade                                       | Indicador de velocidad caminando                        | Скорость лидера  |                              |                  |                   | Y  |           | Y         | Y    |   |                   |             |                    |   |              |                                 |
| 9 Speed Comparison                              | Sneheldsvergelijking                           | Vitesse comparée                        | Geschwindigkeitsvergleich  | Confronto velocità                    | Comparação de Velocidades                                     | Comparación de velocidad                                | Сравнение скорости   | スピード的教                       |                  |                   |  |           |           |      |   | Y                 | Y           | Y                  | Y   | Y            |                                 |
| 10 Distance 1                                   | Afstand 1                                      | Distance 1                              | Tagesstrecke 1   | Olatanza 1                            | Distincia 1   | Olafancia 1   | Дистанция 1  | 新羅 (1)                       | Y                | Y                 | Y  | Y         | Y         | Y    | 0.00 - 999.99 Km or Miles: 4/- 0.1%   | Y                 | Y           | Y                  | Y   | Y            | 200,00                          |
| 11 Distance 2                                   | Afstand 2                                      | Olstance 2                              | Tagesstrecke 2   | Olstanza 2                            | Distância 2   | Distancia 2   | Дистанция 2  | 彩雕(2)                        |                  |                   |  |           |           |      | 0.00 - 999.99 Km or Miles: 4/- 0.1%   |                   | Y           | Y                  | Y   | Y            | 999,99                          |
| 12 000 1  | 0001   | Odomètre 1                              | Gesambitrecke 1  | 0001                                  | 000 1   | 000 1   | Oбщий пробег 1   | M(NO)(M) (1)                 | Y                | Y                 | Y  | Y         | Y         | Υ    | (X5X8/X10) 0.0 - 19999.9 Km or Miles +/- 0.1%<br>(W7/W12/WR) 0.0 - 99999.9 Km or Miles +/- 0.1%   | Y                 | Y           | Y                  | Y   | Y            | 99999                           |
| 13 0002   | 000 2  | Odomětne 2                              | Gesambitrecke 2  | 0002                                  | 0002  | 000 2   | Otușek rpotier 2   | RNOM (2)                     |                  |                   |  |           | Υ         |      | (XSX8X10) 0.0 - 19999.9 Km or Miles: 4/- 0.1%<br>(W7W12WR) 0.0 - 99999.9 Km or Miles: 4/- 0.1%    |                   | Υ           | Y                  | Y   | Y            | 99999                           |
| 14 000 1+2                                      | 000 1+2  | Odométre 1 + 2                          | Gesambirecke 1 + 2   | 0001+2                                | 000 1+2   | 000 1+2   | Obujek npober 1+2  | 税制制 (1+2)                    |                  |                   |  |           | Y         |      | (X5X8/X10) 0.0 - 19999.9 Km or Miles: +/- 0.1%<br>(W7/W12/WR) 0.0 - 99999.9 Km or Miles: +/- 0.1% |                   |             | Y                  | Y   | Y            | 00000                           |
| 15 Ride time 1                                  | Pind 1   | Temps parcouru 1                        | Fabricell 1  | Tempo di perconenza 1                 | Tempo de Viagem 1   | Tiempo de recorrido 1                                   | Время поездки 1  | <b>会主持</b> 算 1               | 1                | · ·               | · ·  | Y         | Y         | Y    | OHOOMOOS - 19H59M59S  |                   | Y           | Y                  | Y   | · ·          | 19:59:59                        |
| 44 Ride time 2                                  | Ritid 2  | Тетря раходку 2                         | Fahrtosit 2  | Tempo di percorrenza 2                | Tempo de Viagem 2   | Tiempo de recorrido 2                                   | Spenie notages 2   | 6 ±35 17 2                   | 1                |                   | t - '-   | -         |           | _    | OHOOMOOS - 19H59M59S  |                   | ÷           | ·                  | ÷   | † ·          |                                 |
| 17 Total Ride time                              | Totale Billid                                  | Temps écoulé total                      | Gesami-Fahrtzeit   | Totale tempo di necromanza            | Tempo Total de Vapem  | Tierron de recordo total                                | Offices anexa menter   | 经帐帐时間                        | +                |                   | Y  |           | Y         | Y    | QHOOM - 1999H59M  |                   |             |                    | -   | · ·          | 19:59:59                        |
| 18 Distance Countdown                           | Affeling Afetend                               | Palconnois distance                     | Entfernung rückwürtszählend  | Conto alla rovescia datanza           | Distincts Decreaseds  | Requento de distancia                                   | Officer aparts in control of the con | EMPLY WAY                    |                  |                   |  |           | _         | -    | Grader - Tanari Cani  |                   |             |                    |   | $+ \div$     | 999Km / mile                    |
| eg Time to arrival (Arrival time/time remain)   | Tild for early-mat / Aarly-mattidisesters      | Temps restant à parcourir (Heure        | Verbleibende Fahrtzeit (Ankunftszeit / Rest-Fahrtzeit)                                 | Tempo prima dell'antio /tempo di anti | roll Tempo para chegada (Tempo de                             |   | пів і Время прибытия (время прибытия/прошто времени  | 報告では特別                       | +                |                   |  |           | _         | _    |   |                   |             |                    |   |              | 333001111110                    |
| 20 % to arrival (Bar display)                   | % tot aankomst (Balkaanduidino)                | % restant à parcourir (affichage)       | Balkenanzeige verbiebende Fahrtstrecke   | % all'arrivo (display a barra)        | % para chegada (Barra de mostrador)                           | % a liegada (mostrado en barra)                         | S an northerner  | 作り影響 (パー素※)                  |                  |                   |  |           | _         | _    |   |                   | į.          | , T                | Ý   | - ÷          | 10% ~ 100% @ 10steps            |
| 21 2nd Wheel size                               | 2de Wielmaat                                   | 28me talle de roue                      | 2. Laufradoritile  | seconda dimensione suote              | 2" tamanho de roda  | Tamaño 2º nueda   | Passeo eroporo soneca  | 0.7 = 6.2 C T ( 2nd)         | _                |                   | _  |           |           | _    |   |                   | ÷           |                    | ÷   | ÷            | 0-3999mm                        |
|   |  | Heure (12(24h)                          |  |                                       | Pioras (12/24horas)   |   |  |                              | _                |                   | _  |           |           | _    | (XSXXXX10) 12   |                   |             |                    | - 1   |              | U-3MANTIN                       |
| 22 Time (12/24hr)<br>21 Auto sieso              | Tijd (12/24 u)<br>Automatische staspetand      | Mae en veilleuse auto                   | Uhr (12 / 24 h)<br>Batleriespayrodus   | Tempo (12/24h)<br>Auto sleep          | Auto adormecimento  | Hors (12/24hr)<br>Auto sleep                            | apean (12/24 v.) Aano oncrevenes   | 特別表示図器 ( 1204hd<br>オートスリーブ   | Y                | Y                 | Y  | Y         | Y         | Y    | (W7/W12/WR) 12/24   | Y                 | Y           | Y                  | Y   | Y            | 12:24<br>5 min                  |
| 24 Heart rate                                   | Hartslag                                       | Foliquence cardiaque                    | Pulshequenz.   | Frequenza cardiaca                    | Frequência cardiaca   | Ritmo cardiaco  | 0  | CARR                         |                  | _                 |  | -         | -         | -    |   | _                 | -           | _                  | _   | -            | 30-240bpm                       |
| 25 Max Heart rate                               |  | Fréquence cardiague max                 | Maximalouishequenz   | Frequenza cardiaca max.               | Frequência cardiaca máxima                                    | Ritmo cardiaco máx.                                     | r rjemo.   | ※本人の数                        | _                | _                 | _  | -         | _         | _    |   |                   |             |                    | _   | ·            | 240bpm                          |
| 25 Stax Heart rate 26 Average Heart rate        | Max. Hartslag<br>Gerniddelde Hartslag          | Fréquence cardiague movenne             | Durchschnitts-Pulsfrequenz   | Frequenza cardaca max.                | Frequência cardiaca média                                     | Rimo cardiaco max.                                      | Максикагыный пульс<br>Сований пульс  | 状態と指数<br>状態と指数               |                  |                   |  |           | _         | _    |   |                   | _           |                    |   |              | 240pm<br>240bpm                 |
| 27 Upper Lower Limit w/ visable slarm           |  |   |  | Limite mas/min con allarme visivo     | Limites Superior/Inferior of alarme visivel                   |   | Верхний/никоней порог с индикатором  | 上間が開するット(アラーム社)              | _                |                   | _  |           |           | _    |   |                   |             |                    | _   | - i          | 24Jopm                          |
| 27 Upper Lower Limit W Visible Blarm 28 Calorie | Boven/Ondergrens met zichtbaar alam<br>Calorie | Limite supérieure/inférieure avec alarn | ne Oberer / unterer Grenzwert mit optischem Signal                                     | Caloria                               | Calvia  | Limite superior/inferior con alarma visible<br>Calorina | верхняя нахони порог с индикатором<br>баголия  | EMITMUS LOS (F.7-AH)         |                  |                   |  |           | _         | _    |   |                   | _           |                    |   |              | 9000                            |
|   |  | Grainnes britises                       |  | Grassi brucisti                       |   |   |  | 自む機構                         | _                |                   | _  |           |           | _    |   |                   |             |                    | _   |              |                                 |
| 29 Fat burn                                     | Vetvertranding                                 |   | Fethverbrennung  |                                       | Queima de gordunas  | Calorias quemadas                                       | Союженый жир   | 経費を対すっ                       | _                |                   |  |           | _         | _    |   |                   |             |                    |   | Y            | 1.3Kg                           |
| 30 Calorie espenditure / Fat burn               | Calorieverbruik / Vetverbranding               | Calories dépensées / Graisses brûlées   | Energieverbrauch / Feitverbrennung   | Calorie consumate / grassi brucisti   | Consumo de calorias / Queima de gordura:                      | s Gasto de calorias / Calorias quemadas                 | Израсходованно капорий/сокжено жира  | 接受カセリー                       |                  |                   |  |           |           | _    |   | Y                 | Y           | Y                  | Y   |              |                                 |
| 31 Stopwatch                                    | Stopwatch  Automatische Donde (Tidl\Abtend)    | Cour Auto (Tempe Distance)              | Stoppulr   | Cronometro                            | Cronometro  | Cronómetro  | Своундомер   | ストップウェッナ<br>ナートラップ (株型 (株)種) |                  |                   |  |           | _         |      |   | Y                 | Y           | 19 Laps x 9:59:59  |   |              |                                 |
| 22 Auto Lap (Time/Distance)                     |  |   | Auto-Runde (Zeit / Strecke)  | Auto Lap (Tempo/Distanza)             | Auto Volta (Tempo/Distância)                                  | Vuelta automática (Tiempo/Distancia)                    | Бремя и дистанция запо   | オートラップ (時間 原理)               |                  |                   |  |           |           | _    |   |                   |             | Y                  | Y   | Y            | (T9:59:59/D9990M)               |
| 33 Attimeter                                    | Hoogtemeter                                    | Altimètre                               | Höhenmesser  | Altimetro                             | Attimetro   | Altimetro   | Swcorowep  | 再度                           |                  |                   |  |           |           |      |   |                   |             |                    | Y   | Y            | -381M ~ 6000M                   |
| 34 Home Althude storage                         | Vertrek hoogte                                 | Altitude de départ                      | Ausgangshöhe   | Vemorizzazione altitudine base        | Arrazenamento de Attitude de Partida                          | Memoria de altitud inicial                              | Начальная высота   | 比を地点高度メモリー                   |                  |                   |  |           |           | _    |   |                   |             |                    | Y   | Y            | -381M > 6000M                   |
| 35 Altitude gain/loss                           | Hooglewinst/verties                            | Dénivelé positifinégatif                | Höhengewinn / -verlust   | Aumentohiduzione altitudine           | Atitude ganho/perda   | Pérdida/ganancia de altitud                             | Потеря/набор высопы  | 高皮(増加/減少)                    |                  |                   |  |           |           |      |   |                   |             |                    | Y   | Y            | 9999M                           |
| 36 % gradient                                   | % heling                                       | % de dénivelé de la pente               | Steigungs-/ Neigungswinkel   | % gradients                           | % inclinação  | % gradiente   | % наклона  | 与数 (パーセント)                   |                  |                   |  | 1 1       |           |      |   |                   |             |                    | Y   | Y            | 4/-20%                          |
| 37 Power  | Vermogen                                       | Pulssance                               | Leistung   | Almentazione                          | Potencia  | Potencia  | Мощность   | Alg-                         |                  |                   |  |           |           |      |   |                   |             |                    | Y   | Y            |                                 |
| 35 Temperature (CIF)                            | Temperatuur (C/F)                              | Température (CIF)                       | Umgebungstemperatur  | Temperatura (CIF)                     | Temperatura (CIF)   | Temperatura (C/F)                                       | Температура  | 10.02                        |                  |                   |  | 1 1       |           | Y    | 0'C~+50'C, 321~+1221  |                   |             | Y                  | Y   | Y            | -20 ~ +60                       |
|   | Max. Temperatuur                               | Température max                         | Höchstemperatur  | Temperatura max                       | Temperatura Máxima  | Temperatura mix.  | Макс температура   | 殺高気温                         |                  |                   |  |           |           |      |   |                   |             | Y                  | Y   | Y            | -20 ~ +60                       |
| 40 Min Temperature                              | Min. Temperatuur                               | Température min                         | Minimumtemperatur  | Temperatura Min                       | Temperatura Minima  | Temperatura min.  | Мек температура  | 最低智慧                         |                  |                   |  |           |           |      |   |                   |             | Y                  | Y   | Y            | -20 ~ +60                       |
| 41 Cadence                                      | Trapfrequentie                                 | Cadence                                 | Tritfrequenz   | Cadenza                               | Cadência  | Cadencia  | Частота педалика   | ケイゲンス                        |                  |                   |  |           |           | Y    | 0-240rpm +/-1.5%  |                   |             | Y                  |   |              | 30 ~ 240                        |
| 42 Average Cadence                              | Gemiddelde Trapfrequentie                      | Cadence moyenne                         | Durchschnitts-Trittfrequenz  | Cadenza media                         | Cadência Média  | Cadencia media  | Средняя частота педаляжа   | 早肉ケイゲンス                      |                  |                   |  |           |           |      |   |                   |             | Y                  |   |              | 30 ~ 240                        |
| 43 Max Cadence                                  | Maximale traphequentie                         | Cadence max.                            | Maximal-Tritfrequenz   | Cadenza max                           | Cadência Máxima   | Cadencia máx.   | Макс частота педалика  | 最高ケイゲンス                      |                  |                   |  |           |           |      |   |                   |             | Y                  |   | 1            | 30 ~ 240                        |
| 44 Total pedal revolution Dike 1+2              | Totaal pedaalonwentelingen fiets 1 + 2         | Total tours de pédale 1+2               | Gesamt-Kurbelumdrehungen Fahrrad 1 + 2   | Totale rivoluzioni pedale 1 + 2       | Rotsção Total do pedal da Bicicleta 1+2                       | Total revoluciones pedales bicicleta 1+2                | Offuse son-eo offoponos 1+2  | 初ペダル回転数                      |                  |                   |  |           |           | Y    | 0-999999 Revolutions  |                   |             |                    |   | 1            |                                 |
| 45 Easy Calibration                             | Eenvoudig calibreren                           | Calibrage sur mesure facile             | Problemiose individuelle Kalibrierung  | Facile calibrazione personalizzata    | Fácil Calibração de cliente                                   | Sencila calibración personalizada                       | Простая настройка  | イージーキャサブレーション                |                  |                   |  |           |           |      |   |                   |             | Y                  | Y   | Y            | 14 + custom                     |
| 45 Service interval reminder                    | Onderhoudsinterval indicator                   | Rappel Intervalies                      | Wartungserinnerung   | Avviso manufenzione                   | Aviso de Intervalo de Assistância                             | Recordatorio de intervalo de servicio                   | Напоменания о сервисе  | メンテナンス特報者が                   |                  |                   |  |           |           | Y    |   | Y                 | Y           | Ý                  | Ý   | Ý            | 50Km for every 500Km            |
| 47 EL Backloht                                  | EL Backlight                                   | Rétro éclairage EL                      | Hintergrundbeleuchtung   | Retrolluminazione                     | Luz de Fundo EL   | Retroluminación EL                                      | Подсветка  | ELベックライト                     |                  |                   |  |           |           |      |   |                   |             | Y                  | Y   | Y            | 1                               |
| 45 Smart EL Backloht                            | Smart EL Backlight                             | Rétro éclairage EL intelligent          | Automatische Hinterprundbeleuchtung  | Retroituminazione intelligente date   | Luz de Fundo EL Inteligente                                   | Retroluminación EL inteligente                          | Интерпектуальная подсветка   | Ay-TEL バックライト                |                  |                   |  |           |           |      |   |                   |             | Y                  | Y   | v            | from 18:00 to 24:00             |
| 49 Low battery indication                       | Lege batteri indicator                         | ndicateur plex fables                   | Bateriewechselanzeige  | indicazione balteria scarica          | Indicação de bateria fraça                                    | Indicación de pla applada                               | Индикатор низкого зарида бапарей   | <b>新热格量数</b> 点               | 1                |                   | 1  | Y         | Y         | Y    |   |                   | 1           | Ý                  | Ý   | Ý            | 2.07                            |
| Speed Transmitter                               | Sneheidszender                                 | Transmeteur Vtesse                      |  | Tranmetitom valocità                  | Transmissor de Valoridade                                     | Transmisor de velocidad                                 | Передатник скорости  | 3 Mード: 19/21/24              |                  |                   |  | Ý         | Y         | Y    |   |                   | v           | Y                  | Y   | v            |                                 |
| Cadence Transmitter                             | Traphequentie zender                           | Transmetteur Cadence                    | Geschwindingkeitssender<br>Triffrequenzsender  | Trasmetitore cadenza                  | Transmissor de Cadência                                       | Transmisor de cadencia                                  | Передатчик частоты педалика  | ケイゲンス・トランスミッター               | 1                | 1                 | 1  | -         |           | Ÿ    |   |                   | <del></del> |                    | <del>  '                                   </del> | +            | +                               |
| g Heart Rate belt                               | Borstband your hartalegmeter                   | Ceinture thoracious                     | Braiguri   | Fascia cardiofrequenzimentro          | Cinta de Rêmo Cardiaco  | Cinta para ritmo cardiaco                               | Ремень путьсометра   | net be hope                  | +                |                   | <del>                                     </del> | 1         | -         | -    |   |                   | -           |                    | <del>                                     </del>  | +            | +                               |
| S Heart Has bet                                 | Sharboarter                                    | Support cinite                          | Lankerhalterung  | Supports manufair                     | Suporte de militario  | Consta para remo cardiaco                               | База компьютера на рить  | ny tan-794 at                | and Ferral Ferra | and Ferral France | wind Speed Senso                                 |           | ~         | ~    |   | and Fernal France |             | ind Cadence Senso  |   | ¥            | +                               |
| Speed magnet                                    | Magned   | Almant Viteran                          | Sosichenmagnet   | Magnete velocità                      | Magneto de Velocidade   | Soporte para manuar<br>Irrain de velocidad              | саха компьютера на рупь<br>Скоростной малнит   | マグネット                        | inc. speed senso | inc. speed sensi  |  | Y Y       |           |      |   | no. speed senso   | į.          | ino. Cadence senso | į.  |              | +                               |
| Cable See                                       | Eshakiamhandas                                 | Supports für de montage                 | Eshalbinder  | Cascadia fermanano                    | Divergrees de Cabo  | Superior de cables                                      | Vineyment Marines  | ケーブを開発ストラップ                  | ż                | Ý                 |  | Ý         |           | ÷    |   |                   | ÷           | ý                  | ÷   | - 1          | +                               |
|   |  |   |  |                                       |   |   |  |                              |                  |                   |  |           |           |      |   |                   |             |                    |   |              |                                 |

| The  |      |                                 |     |  | DIGI | / PAC | F SF | RIES | •  |       |       | APEX S            | SERIES    |               |                         |
|--|------|---------------------------------|-----|--|------|-------|------|------|--|-------|-------|-------------------|-----------|---------------|-------------------------|
| 1   Speed  | Item |                                 | ¥5  | ¥8   |      |       |      |      |  | Y-1 6 | W-2 1 |                   |           | W-4 0 Alti-HR | Limit                   |
| 2  |      | Sneed                           |     |  |      |       |      |      |  |       |       |                   |           |               | 199.9Km/h or m/h        |
| 3   Search   Y   |      |                                 |     |  |      |       |      |      | 0.0 - 199.9 KHI/H OF 120.0 WHE/H +/- 1/6       |       |       |                   |           |               | 199.91(11)/11 01 11//11 |
| 4   No. Start   Y  |      |                                 |     |  |      | +-+   | _    |      |  |       |       | -                 |           | -             |                         |
| S  |      |                                 |     |  |      | V     | ٧    | _    |  |       | '     | ٧                 | V         | V             |                         |
| 6 Speed feet fix of man seases) 7  |      |                                 |     |  |      |       |      |      | 0.0 - 199.9 Km/h or 120.0 Mile/h ±/- 1%        |       | V     |                   |           |               | 199,9                   |
| 7  |      |                                 |     | <del>                                     </del> |      | +     | _    | Ė    | 0.0 133.3 Telliff of 123.0 Wille/IT 1/ 1/0     |       |       |                   |           |               | 10%-100% @ 10steps      |
| 8   Speed Contraction  |      |                                 |     | V  | ٧    | V     | V    | V    | 0.0 - 100.0 Km/h or 120.0 Mile/h +/- 0.1%      |       |       |                   |           |               | 199,9                   |
| 9   Spices Comparison  |      |                                 |     | <del>                                     </del> |      | +     |      |      | 0.0 - 199.9 KHI/H OF 120.0 WIIIe/H +/- 0.1/6   |       |       |                   |           |               | 100,0                   |
| 10   Disance 1   |      |                                 |     |  |      | 1 1   | _    | Ė    |  | V     | V     | ٧                 | V         | V             |                         |
| 11   Distance 2  |      |                                 | Υ   | Υ  | Υ    | Y     | Υ    | Υ    | 0.00 - 999.99 Km or Miles +/- 0.1%             |       |       |                   | Ý         |               | 999,99                  |
| 12   DOD 1   |      |                                 | · · | <u> </u>   |      | +     | ·    | Ė    |  |       |       |                   | Ý         |               | 999,99                  |
| 13   00.002  |      |                                 |     |  |      | † †   |      |      |  |       | ·     |                   |           |               | 000,00                  |
| 14   DOD 1-2   | 12   | ODO 1                           | Y   | Y  | Y    | Υ     | Υ    | Υ    | (W7/W12/WR) 0.0 - 99999.9 Km or Miles +/- 0.1% | Y     | Y     | Y                 | Υ         | Y             | 99999                   |
| 14   0.00   1.2  | 13   | ODO2                            |     |  |      |       | Υ    |      | (W7/W12/WR) 0.0 - 99999.9 Km or Miles +/- 0.1% |       | Υ     | Υ                 | Y         | Υ             | 99999                   |
| Tell Rule Inter 2  | 14   | ODO 1+2                         |     |  |      |       | Υ    |      |  |       |       | Υ                 | Y         | Υ             | 99999                   |
| Tell Rule Inter 2  | 15   | Ride time 1                     |     | Υ  | Υ    | Υ     | Υ    | Υ    |  | Y     | Y     | Y                 | Y         | Y             | 19:59:59                |
| 177   Total Ricke time   |      |                                 |     |  |      | tit   | _    |      |  |       |       |                   |           | i i           |                         |
| 18   Distance Countdown  |      |                                 |     |  | Υ    | 1 1   | Υ    | Υ    |  |       |       |                   | i .       | Y             | 19:59:59                |
| 19   Time to arrival (Airvital tenemine remain)  |      |                                 |     |  |      | 1 1   | ÷    | Ė    | ***************************************        |       | Y     | Y                 | Y         |               | 999Km / mile            |
| 20   No namival (Bard display)   |      |                                 |     |  |      | t     |      |      |  |       |       |                   |           |               |                         |
| 21   2nd Wheel size  |      |                                 |     |  |      | 1 1   |      |      |  |       | Υ     | Y                 | Y         | Y             | 10% ~ 100% @ 10steps    |
| 22   Time (1/224hr)  |      |                                 |     |  |      | 1 1   |      |      |  | Y     | Y     | Y                 | Y         | Υ             | 0-3999mm                |
| 23 Auto sieep  | 22   |                                 | Υ   | Y  | Υ    | Υ     | Υ    | Υ    |  | Υ     | Υ     | Y                 | Y         | Υ             | 12/24                   |
| 1.5   Heart rate   | 23   | Auto sleen                      | Y   | Y  | Υ    | Υ     | Υ    | Υ    | (,, .==:                                       | Y     | Υ     | Υ                 | Y         | Υ             | 5 min                   |
| 25   Max Heart rate  |      |                                 | · · | <u> </u>   |      | +     | ·    | Ė    |  |       | ·     | · ·               | ·         | Ÿ             | 30-240bpm               |
| Average Heart rate   |      |                                 |     |  |      | † †   |      |      |  |       |       |                   |           |               | 240bpm                  |
| 27   Upper/Lower Limit w visable alarm   |      |                                 |     |  |      | 1 1   |      |      |  |       |       |                   |           |               | 240bpm                  |
| 28   Calorie   |      |                                 |     |  |      |       |      |      |  |       |       |                   |           | Y             |                         |
| Paper   Pat burn   Pat burn   Pat burn   Pat burn   Paper      |      |                                 |     |  |      | 1 1   |      |      |  |       |       |                   |           | Y             | 9999                    |
| Stopwatch  |      |                                 |     |  |      | 1 1   |      |      |  |       |       |                   |           | Ý             | 1.3Ka                   |
| Stopwatch   Y Y 19 Laps x 9:59:59   9:99:59   9:95:59    |      | Calorie expenditure / Fat burn  |     |  |      | 1 1   |      |      |  | Y     | Υ     | Υ                 | Y         |               | 9999KCAL / Fat burn     |
| StopWatch   Y  |      |                                 |     |  |      | 1 1   |      |      |  |       |       | ·                 | 19 Laps x | 19 Laps x     |                         |
| 33 Altimeter   | 31   | Stopwatch                       |     |  |      |       |      |      |  | Y     | Y     | 19 Laps x 9:59:59 |           |               | 9:59:59                 |
| 34   Home Altitude storage   | 32   | Auto Lap (Time/Distance)        |     |  |      | 1 1   |      |      |  |       |       | Y                 | Y         | Υ             | (T9:59:59/D99KM)        |
| 35   Altitude gain/loss  | 33   | Altimeter                       |     |  |      |       |      |      |  |       |       |                   | Y         | Υ             | -381M ~ 6000M           |
| 35   Altitude gain/loss  | 34   | Home Altitude storage           |     |  |      | 1 1   |      |      |  |       | İ     |                   | Y         | Y             | -381M ~ 6000M           |
| 37   Power   | 35   |                                 |     |  |      |       |      |      |  |       |       |                   | Y         | Υ             | 9999M                   |
| 37   Power   | 36   | % gradient                      |     |  |      |       |      |      |  |       |       |                   | Y         | Υ             | +/-20%                  |
| 39 Max Temperature   |      | Power                           |     |  |      |       |      |      |  |       |       |                   |           | Y             |                         |
| 40 Min Temperature   |      |                                 |     |  |      |       |      | Υ    | 0°C~+50°C, 32°F~+122°F                         |       |       |                   |           |               | -20 ~ +60               |
| 1  |      |                                 |     |  |      |       |      |      |  |       |       |                   |           |               | -20 ~ +60               |
| Average Cadence  |      |                                 |     |  |      |       |      |      |  |       |       |                   | Y         | Y             | -20 ~ +60               |
| 43   Max Cadence   |      | Cadence                         |     |  |      |       |      | Υ    | 0-240rpm +/-1.5%                               |       |       |                   |           |               | 30 ~ 240                |
| 44   Total pedal revolution Bike 1+2   |      |                                 |     |  |      |       |      |      |  |       |       |                   |           |               | 30 ~ 240                |
| 45   Easy Calibration  |      |                                 |     |  |      |       |      |      |  |       |       | Y                 |           |               | 30 ~ 240                |
| 46   Service interval reminder   | 44   | Total pedal revolution Bike 1+2 |     |  |      |       |      | Υ    | 0~999999 Revolutions                           |       |       |                   |           |               |                         |
| 47   EL Backlight  |      |                                 |     |  |      |       |      |      |  |       |       |                   |           |               | 14 + custom             |
| 48   Smart EL Backlight  |      |                                 |     |  |      |       |      | Υ    |  | Y     | Y     |                   |           |               | 50Km for every 500Km    |
| 49   Low battery indication  |      |                                 |     |  |      |       |      |      |  |       |       |                   |           |               |                         |
| Speed Transmitter Cadence Transmitter Heart Rate belt Heart Rate belt Speed Magnet Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y   |      |                                 |     |  |      |       |      |      |  |       |       |                   |           |               | from 18:00 to 24:00     |
| Cadence Transmitter Heart Rate belt Handle bar bracket incl. Speed Sensor incl. Speed Sensor Y Y Y Speed magnet Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y  | 49   |                                 |     |  |      |       |      |      |  |       |       |                   |           |               | 2.6V                    |
| Heart Rate belt Handle bar bracket incl. Speed Sensor incl. Speed Sens |      |                                 |     |  |      | Υ     | Υ    |      |  |       | Y     | Y                 | Y         | Y             |                         |
| Handle bar bracket incl. Speed Sensor incl. Speed S |      |                                 |     |  |      |       |      | Υ    |  |       |       |                   |           |               |                         |
| Speed magnet Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y   | ģ    | Heart Rate belt                 |     |  |      |       |      |      |  |       |       |                   |           | Y             |                         |
|  | ¥    | Handle bar bracket              |     |  |      |       |      |      |  |       |       |                   |           |               |                         |
| Cable ties Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y   |      | Speed magnet                    | Y   | Y  | Υ    | Υ     | Υ    | Υ    |  | Y     | Y     | Y                 | Y         | Y             |                         |
|  |      | Cable ties                      | Y   | Y  | Υ    | Υ     | Υ    | Υ    |  | Y     | Y     | Y                 | Y         | Y             |                         |