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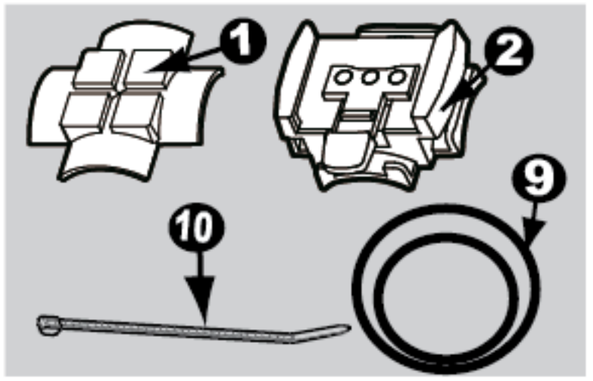
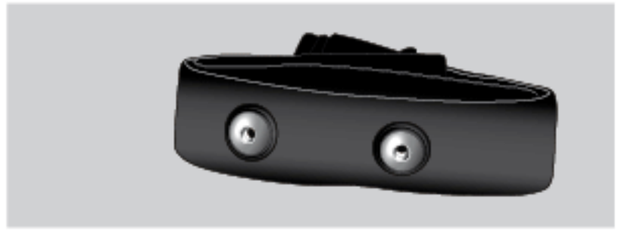
English

Installation accessory

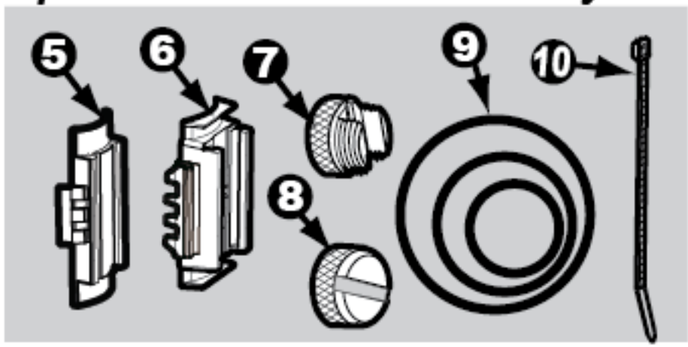
Cycle computer and bracket accessory



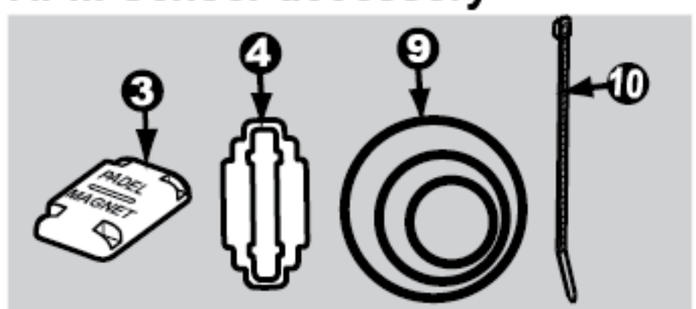
Chest belt & accessory



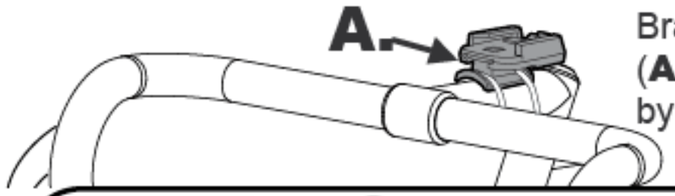
Speed transmitter accessory



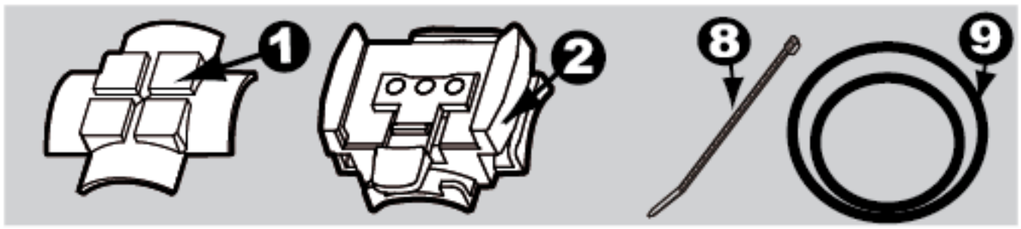
RPM Sensor accessory

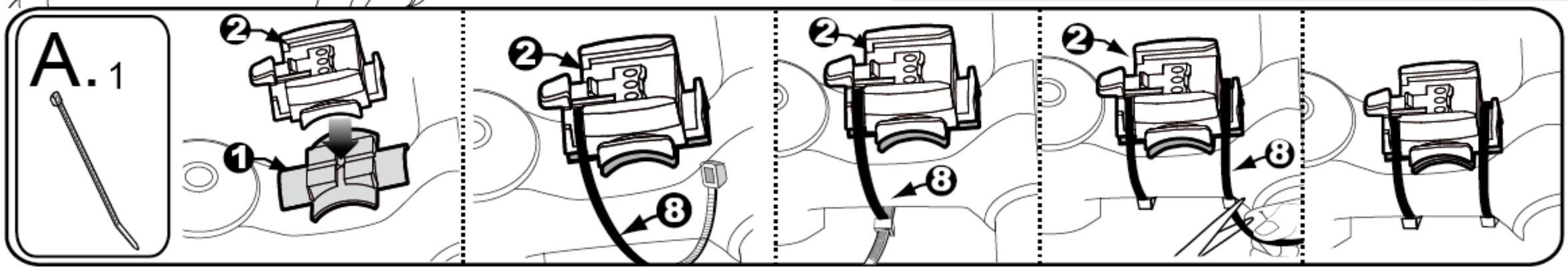


Bracket installation (A)

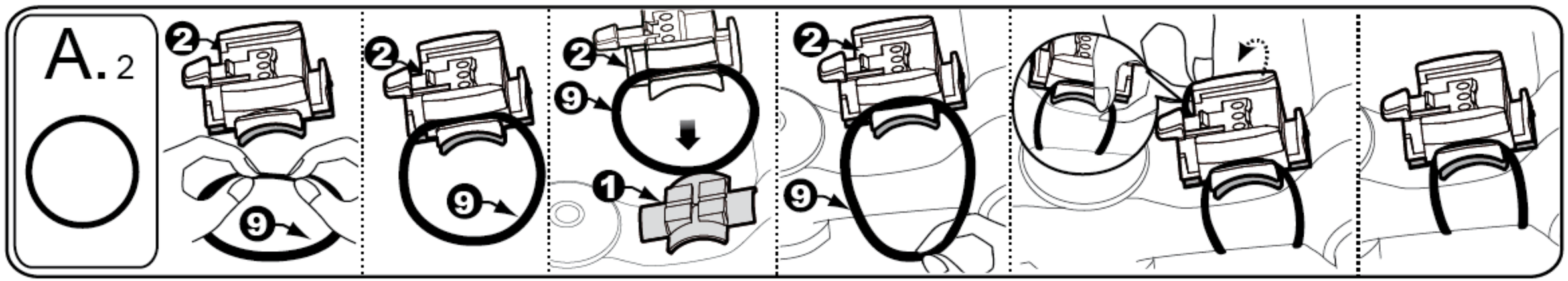


Bracket ③ could be installed either on stem (**A-1.**) or on handlebar (**A-2.**)
by a 90° variation of the bracket base ②



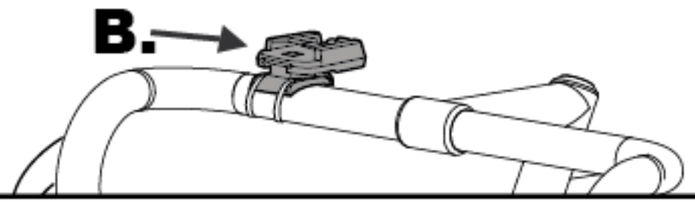


1. Option Cable tie ⑧ should be well cut and hidden to avoid any injury when sliding unit on.

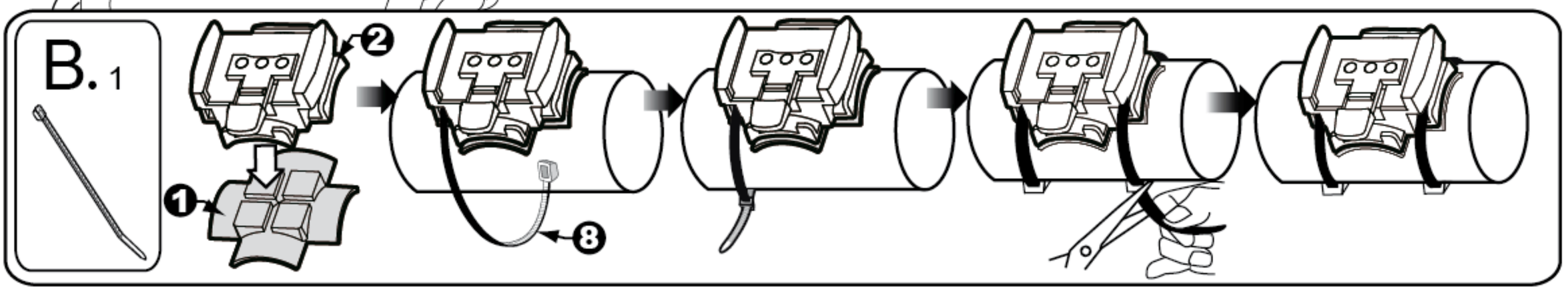


2. Option O-ring ⑨ please refer to figure (**2.**)

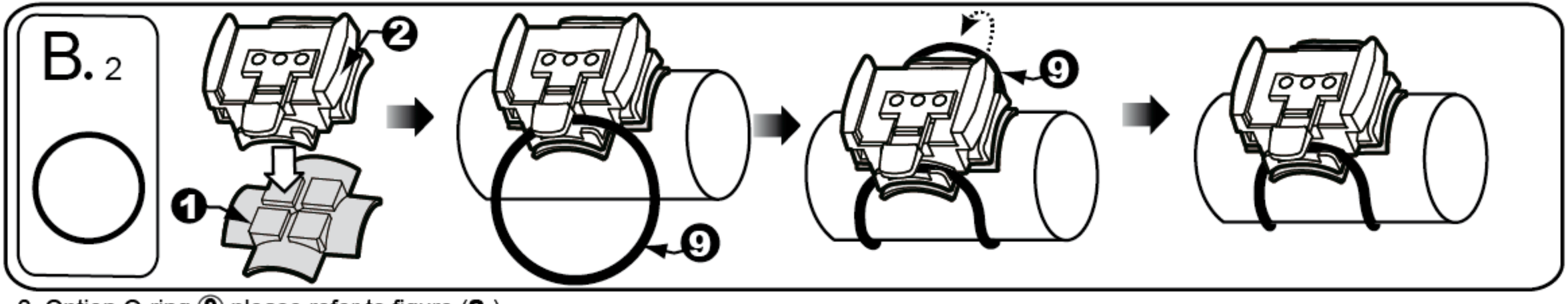
Bracket installation (B)



Bracket ③ could be installed either on stem (**B-1.**) or on handlebar (**B-2.**) by a 90° variation ② of the bracket base

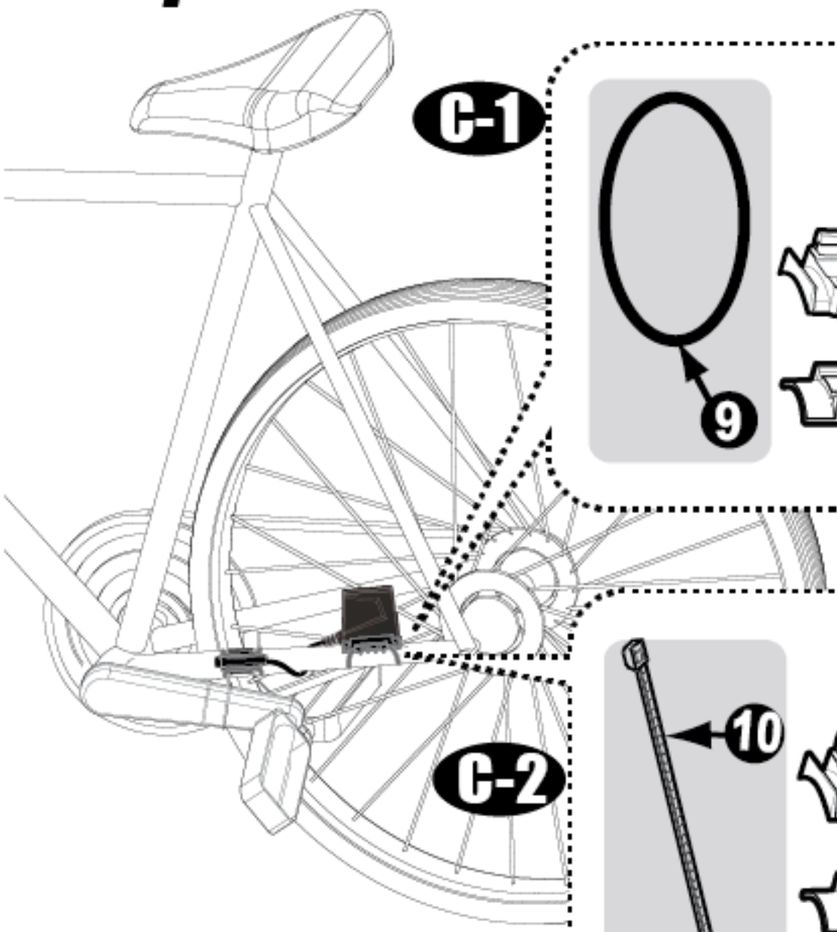


1. Option Cable tie ⑧ should be well cut and hidden to avoid any injury when sliding unit on.

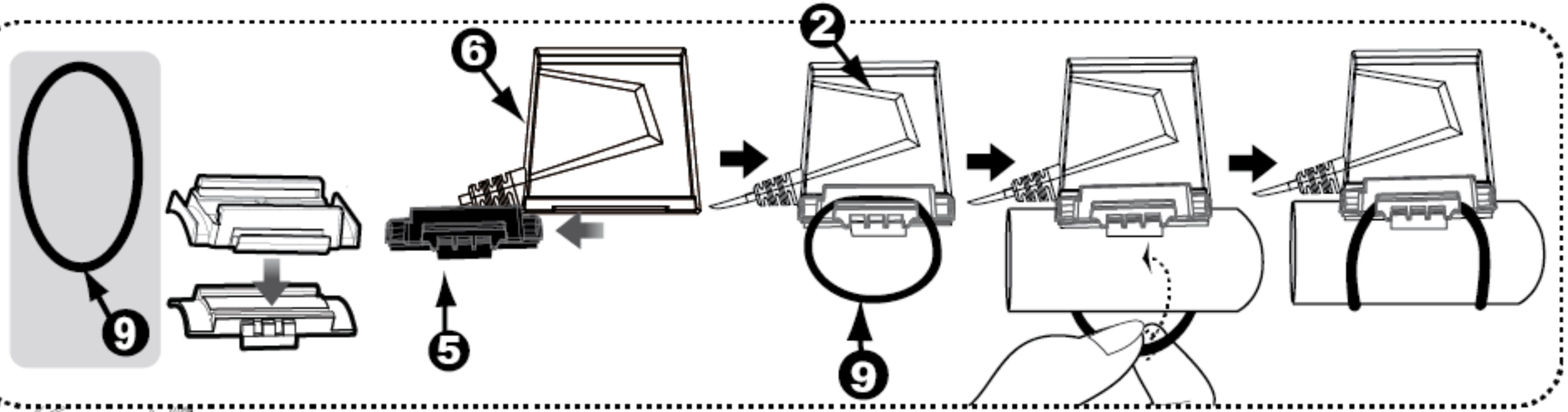


2. Option O-ring ⑨ please refer to figure (**2.**)

Speed transmitter installations (C)

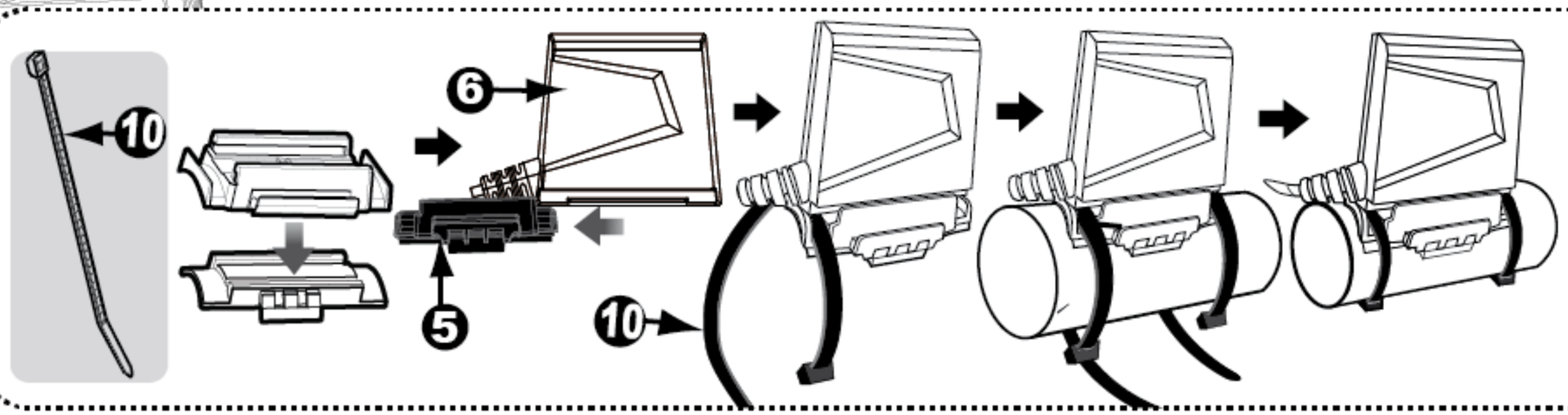


C-1

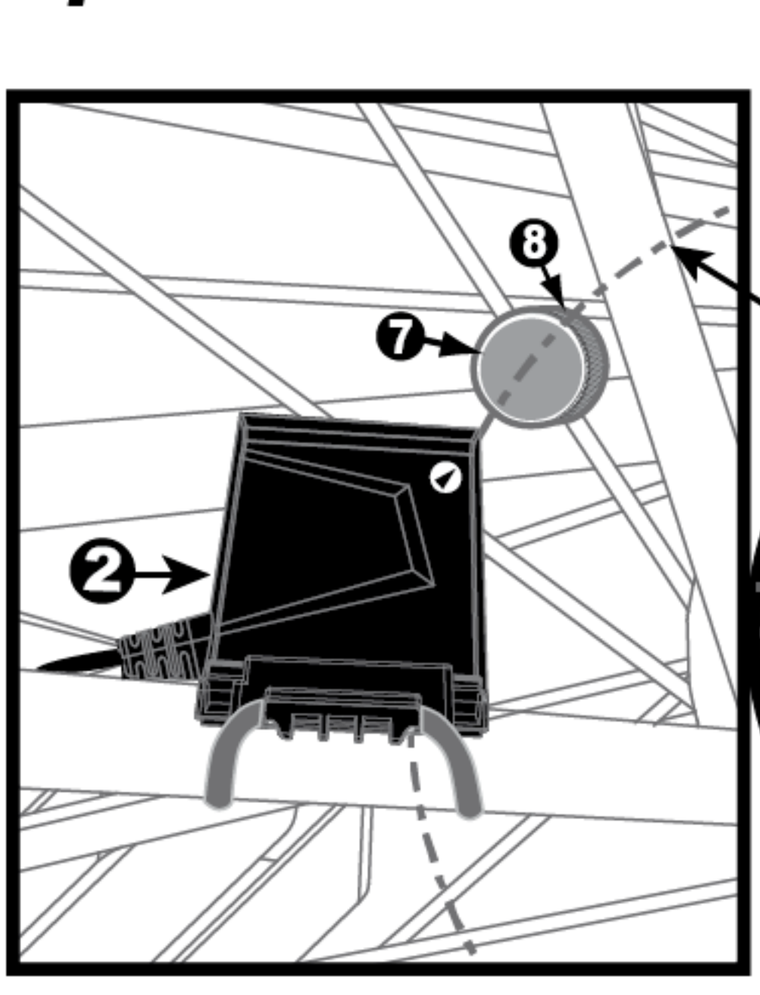


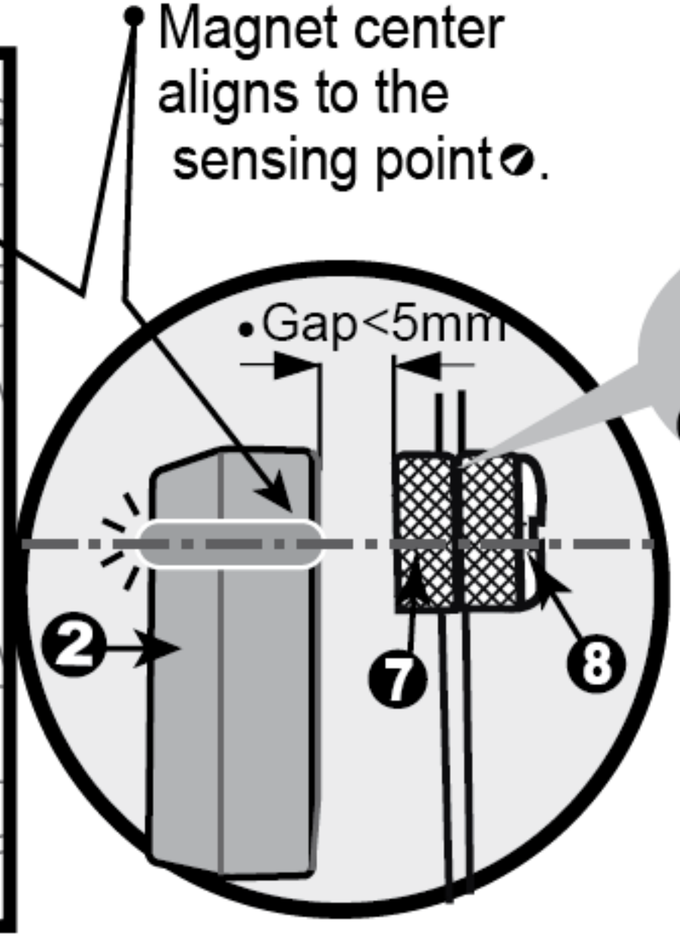
Option to Install the Speed Transmitter (**C-1** And **C-2.**)

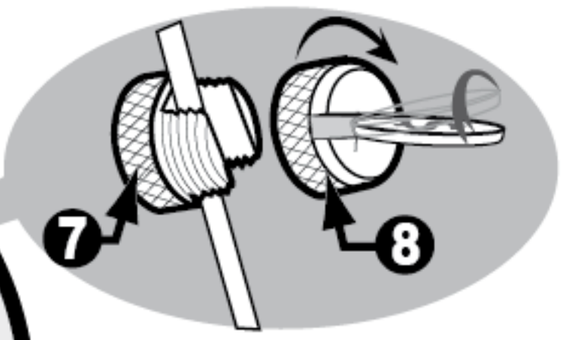
C-2



Speed transmitter and magnet installations

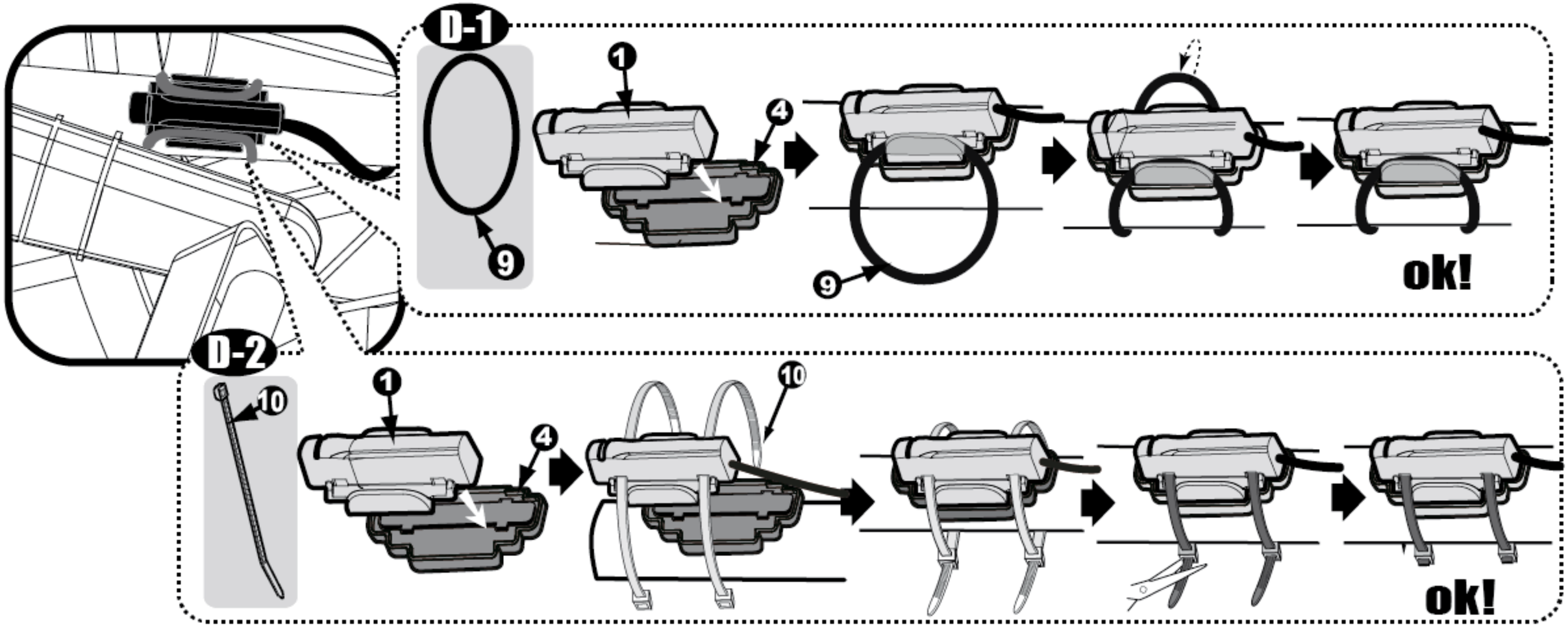






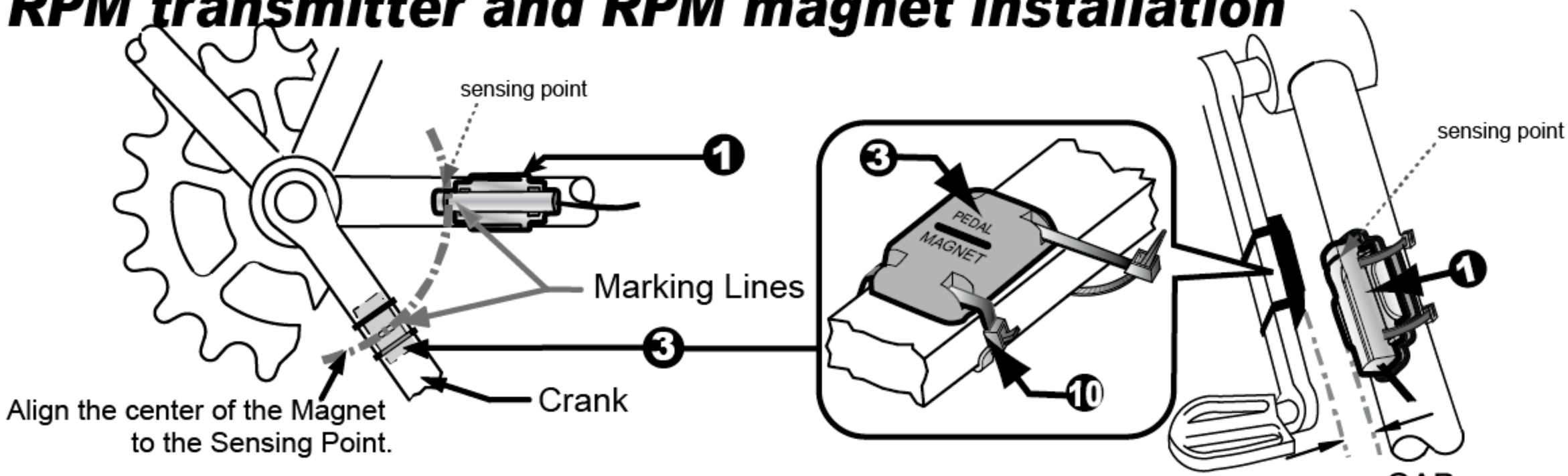
1. The transmission distance (between transmitter and main unit) is up to 3 m.
2. Adjust the magnet fixed position to let the center of the Magnet align to the sensing point.
3. Adjust the Speed Transmitter to let the gap between the Magnet and the sensing point be about 5mm.
4. The LED on transmitter flashes every 10 seconds during riding.

RPM transmitter installation (D)



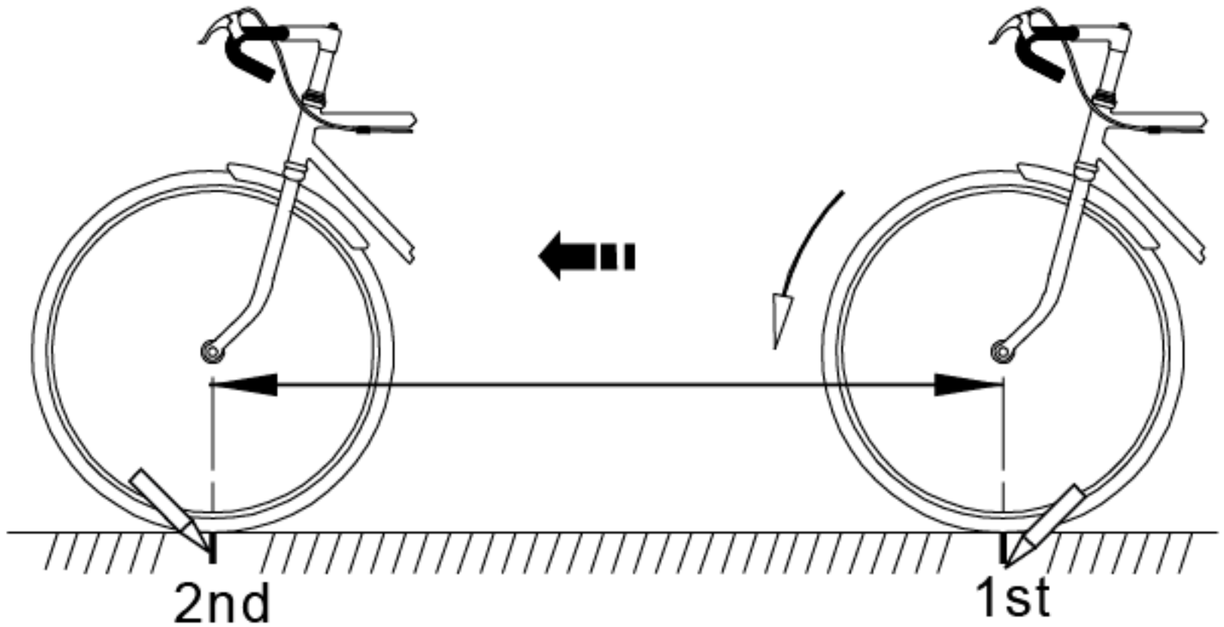
Two options to install the RPM Transmitter. (**D-1**. And **D-2**.)

RPM transmitter and RPM magnet installation



1. Attach the RPM pedal magnet on the inside of the left crank with the cable ties (S). Please check the relative position between the RPM pedal magnet and the RPM Transmitter before fastening the cable ties.
2. Adjust the relative positions between the RPM pedal magnet and RPM Transmitter before fastening the cable ties.
   a). Align the marking line of the RPM pedal magnet (the center of the magnet) to the Sensing point.
   b). Make sure that the GAP between the RPM pedal magnet and RPM Transmitter is within 5mm. Adjust the desired gap by moving both left or right.
3. ***The LED on transmitter flashes every 10 seconds during riding.***

Wheel Circumference Measurement



- **Precise Measurement**
  Roll the wheel until the valve stem is at lowest point to the ground. Then mark this first point on the ground. Get on the bicycle and have a helper push you until the valve stem returns to lowest point. Mark the second point on the ground. Measure the distance between the marks. Enter this value to set the wheel circumference.
- **Quick Table :** ***Get a suitable circumference value from the table.***

POPULAR TIRE CIRCUMFERENCE REFERENCE TABLE	
Tire Size	**Circumference Number**
18 Inch	1436 mm
20x1.75	1564
20 Inch	1596
22 Inch	1759
ATB 24x1.75	1888
24 Inch	1916
24x 13/8	1942
ATB 26x1.40	1995
ATB 26x1.50	2030
ATB 26x1.75	2045
26Inch (650A)	2073
ATB26x2.0(650B)	2099
700C TUBULAR	2117
700x20C	2092
700x23C	2112
700x25C	2124
700x28C	2136
27 Inch(700x32c)	2155
700x35C	2164
700x38C	2174
27.5 Inch	2193
28 Inch (700B)	2234
28.6 Inch	2281

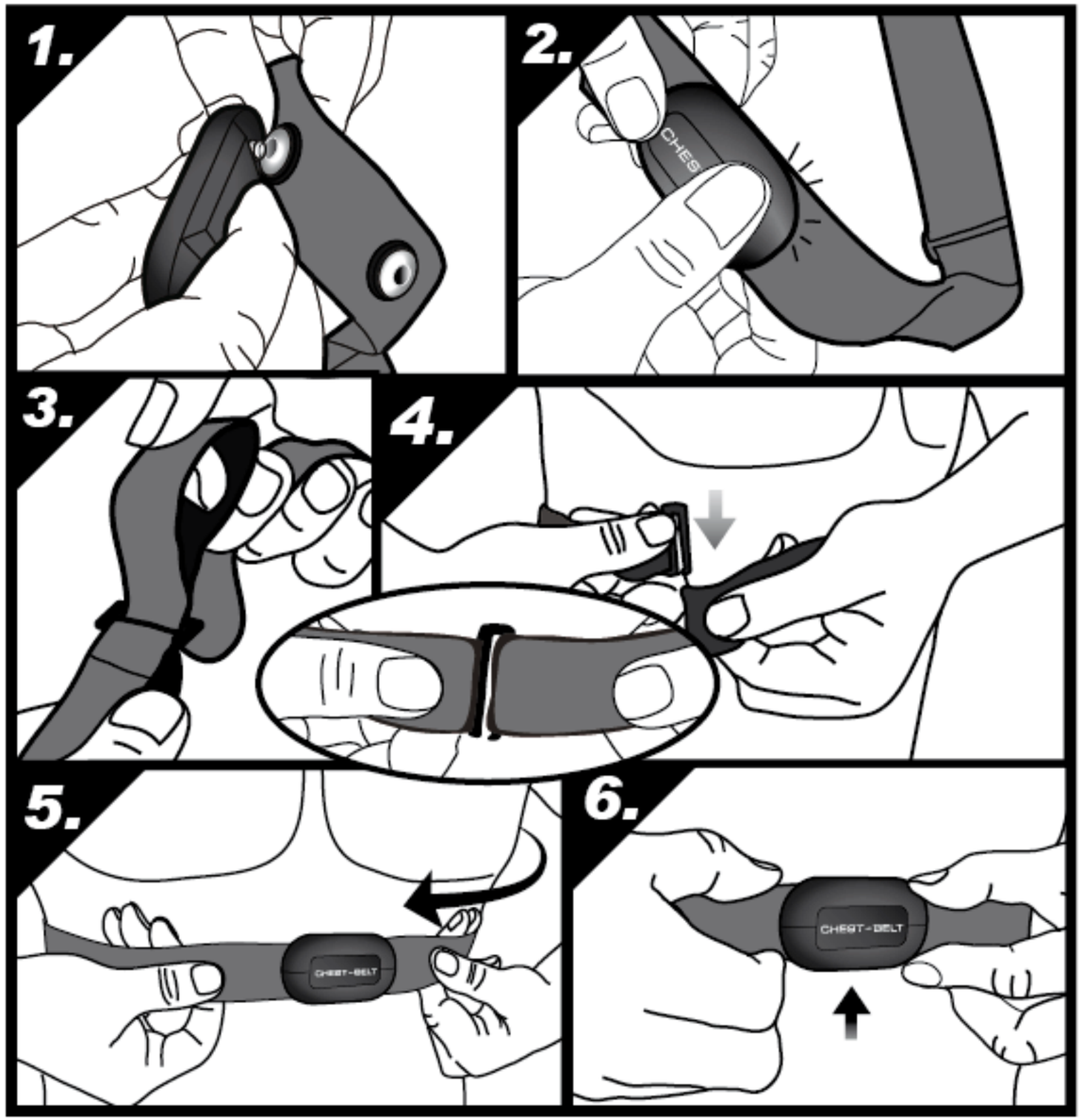
How to wear the chest belt

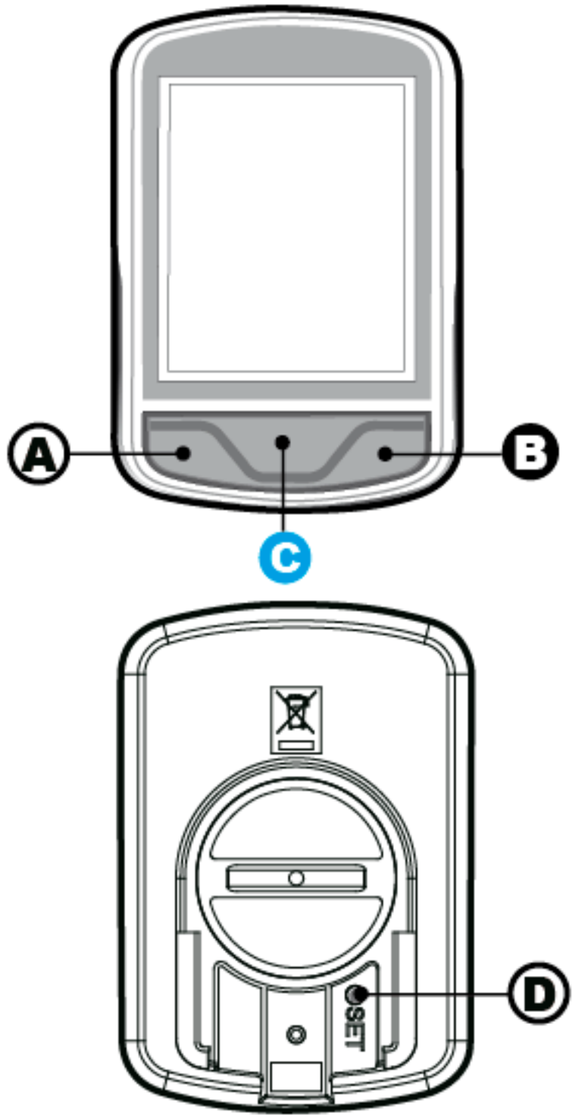
1.Fasten the fastener at one end, put the chest belt on your chest and loosen the stretch band. (Fig. 1, 2 and 3)

2. Adjust the length of the stretch band until you feel conformable, but the stretch band must cling to the chest; then fasten the fastener at the other end. (Fig. 4)

3. Adjust the chest belt to the center of your chest and be sure the backside of the chest belt clings to your chest and touches the skin. (Fig. 5.6)

4. Wetting the skin, where will contact the conductive area of the chest belt will improve the conduction and get more stable signal.





Button function description

ALL CLEAR : **A+B+D** hold 3's

(1). Data setting mode

A Button : Press for increase setting digital
Hold 1's for auto increase
B Button : Press for decrease setting digital
Hold 1's for auto decrease
C Button : Press for change setting digital
D Button : Press for enter next data setting mode Hold 1's for quite data setting mode

(2). General mode

A Button : Press for change function Group
B Button : Press for change function mode
C Button : Press for enter Lap and Lap review mode and "EL" "BEEP" control
: Hold 3's for turn on RF power (mount on bracket)
D Button : Press for enter data setting mode
A + B Button : Hold 3's for data reset

(3). Lap mode

A Button : Press for start/stop Lap function
B Button : Press for change to next Lap
C Button : Press for enter Lap data review mode

(4). Lap review mode

A Button : Press for change Lap No.
B Button : Press for change Lap data
C Button : Press for enter EL BEEP control and back general mode
A + B Button : Hold 3's for reset lap data

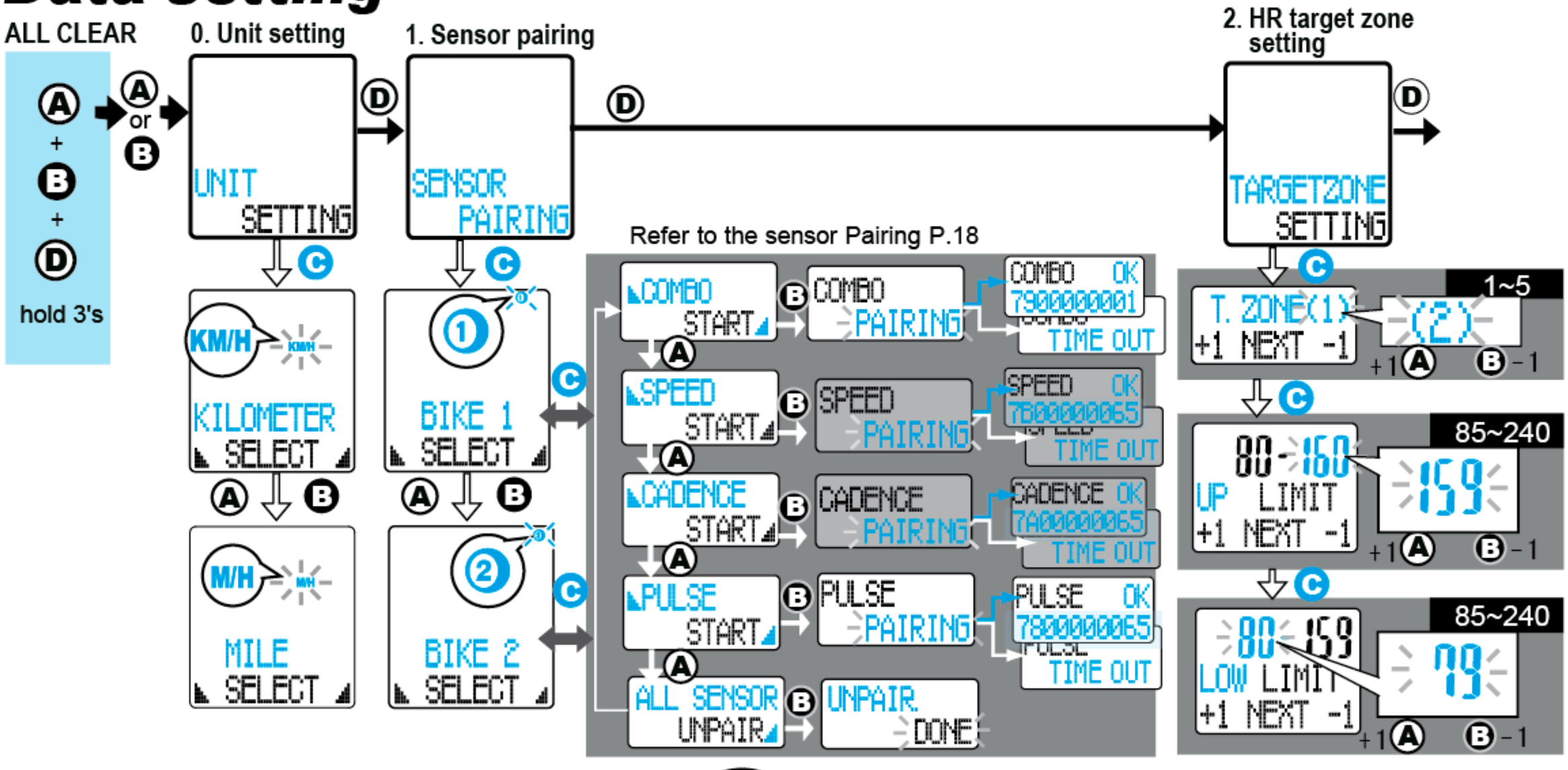
(5). When under Target Zone mode

A Button : Hold 1's for change to next Target Zone Set
B Button : Hold 1's for change to next Target Zone Set

(6). When under maintenance mode

A + B Button : Hold 3's for reback to default value

Data setting



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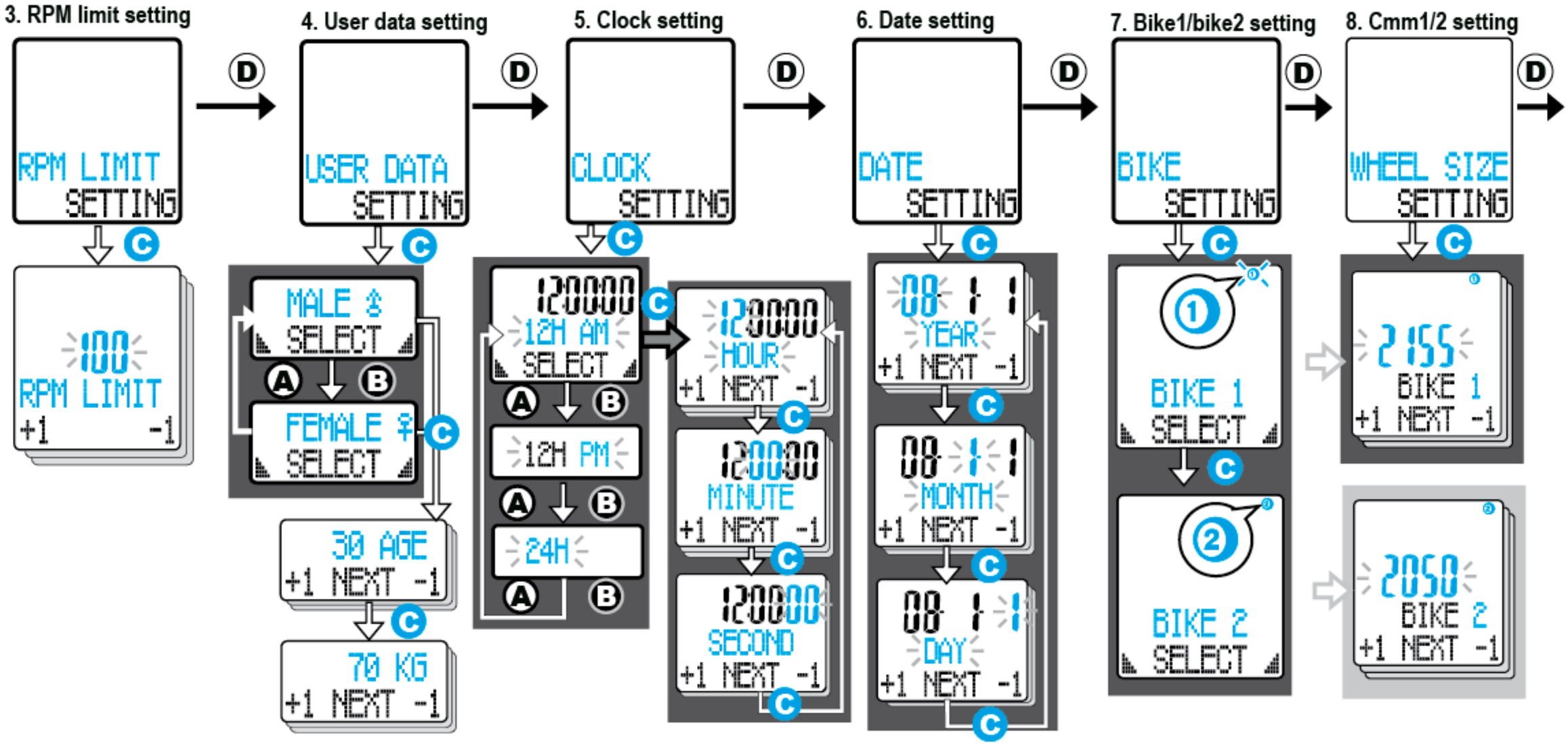
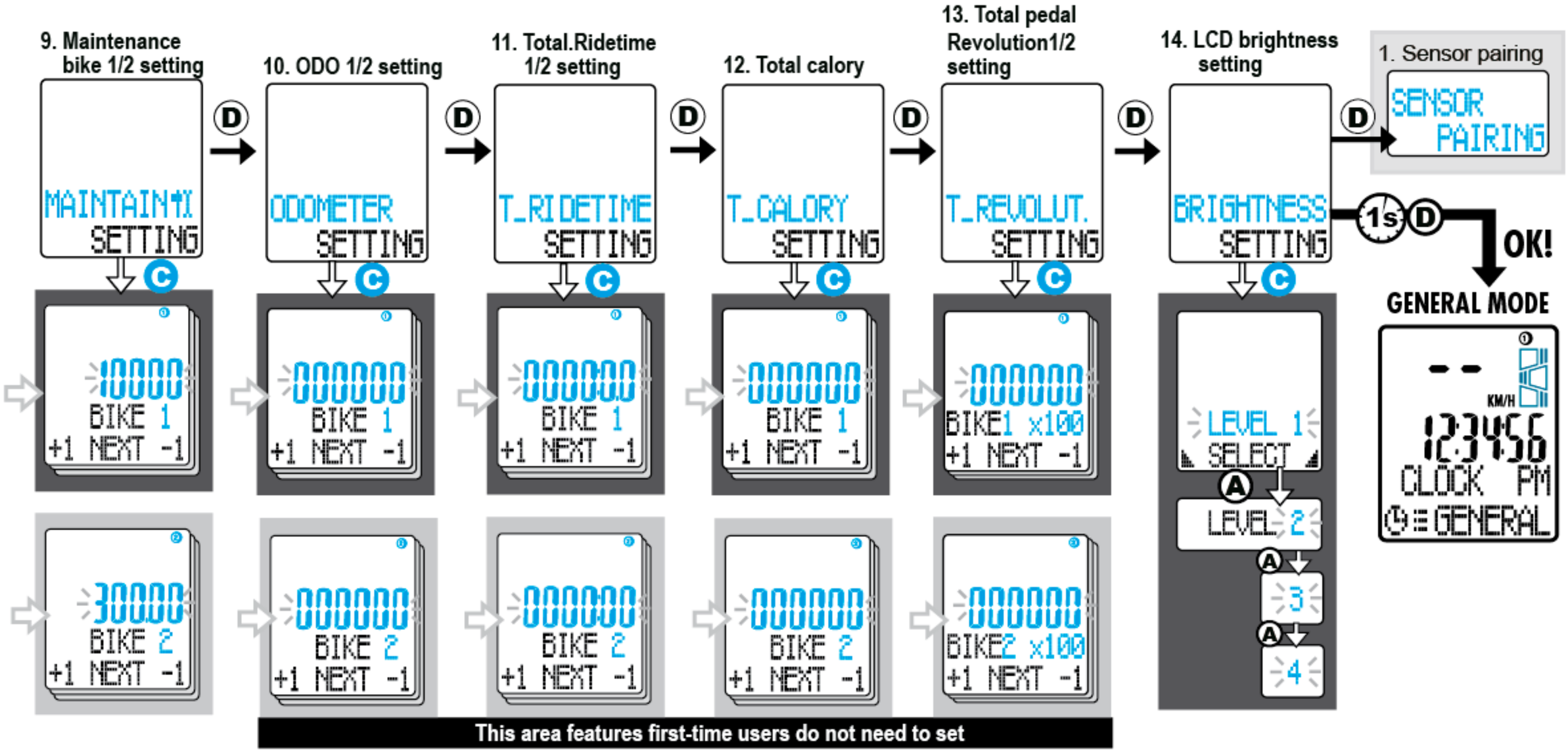
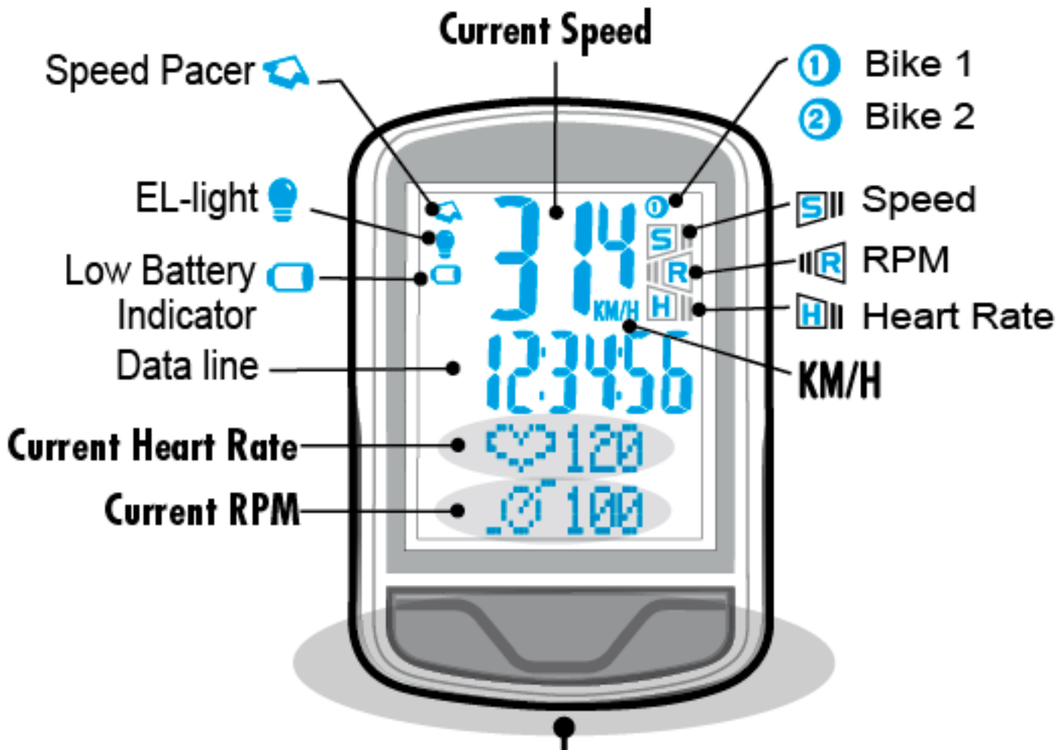
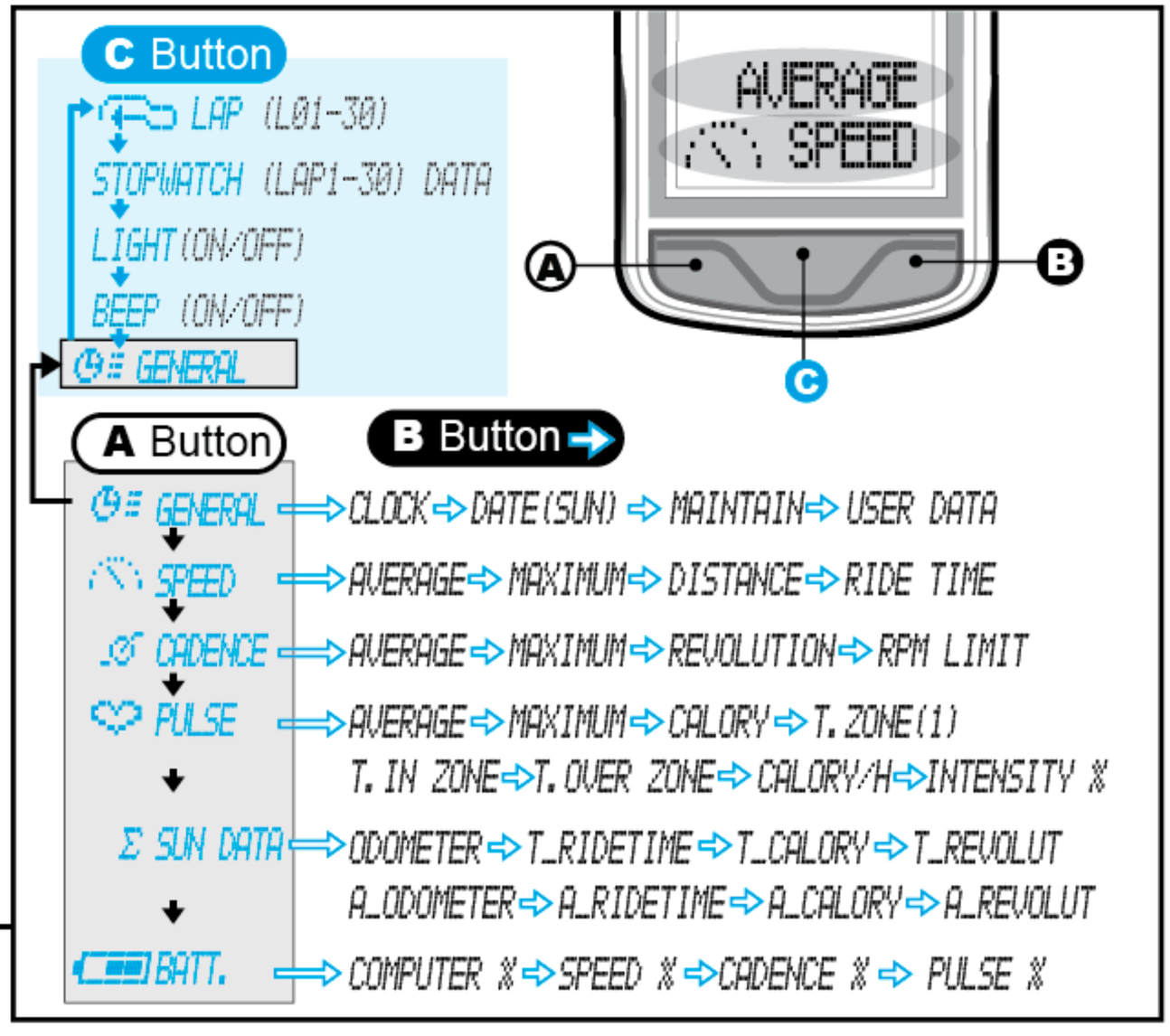

3. RPM limit setting
RPM LIMIT
SETTING
100
RPM LIMIT
+1 -1
4. User data setting
USER DATA
SETTING
MALE ♂
SELECT
FEMALE ♀
SELECT
30 AGE
+1 NEXT -1
70 KG
+1 NEXT -1
5. Clock setting
CLOCK
SETTING
12H AM
SELECT
12H PM
24H
120000
HOUR
+1 NEXT -1
120000
MINUTE
+1 NEXT -1
120000
SECOND
+1 NEXT -1
6. Date setting
DATE
SETTING
08 1 1
YEAR
+1 NEXT -1
08 1 1
MONTH
+1 NEXT -1
08 1 1
DAY
+1 NEXT -1
7. Bike1/bike2 setting
BIKE
SETTING
BIKE 1
SELECT
BIKE 2
SELECT
8. Cmm1/2 setting
WHEEL SIZE
SETTING
2155
BIKE 1
+1 NEXT -1
2050
BIKE 2
+1 NEXT -1



This area features first-time users do not need to set

LCD (icon) display



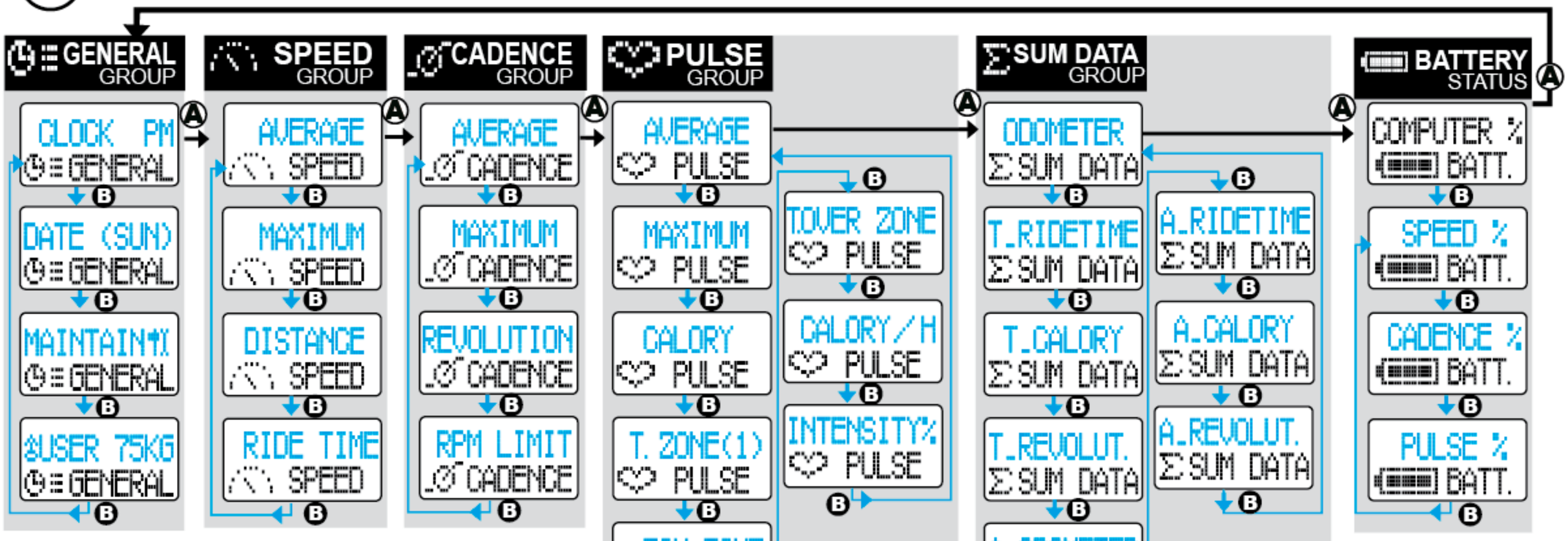


General function display

Ⓐ Function group

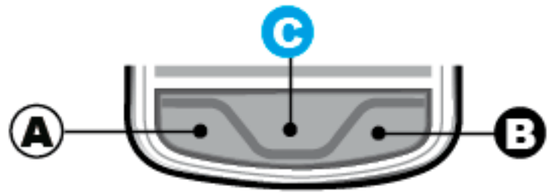
Ⓐ Button switch function **group**

Ⓑ Button switch function **mode**



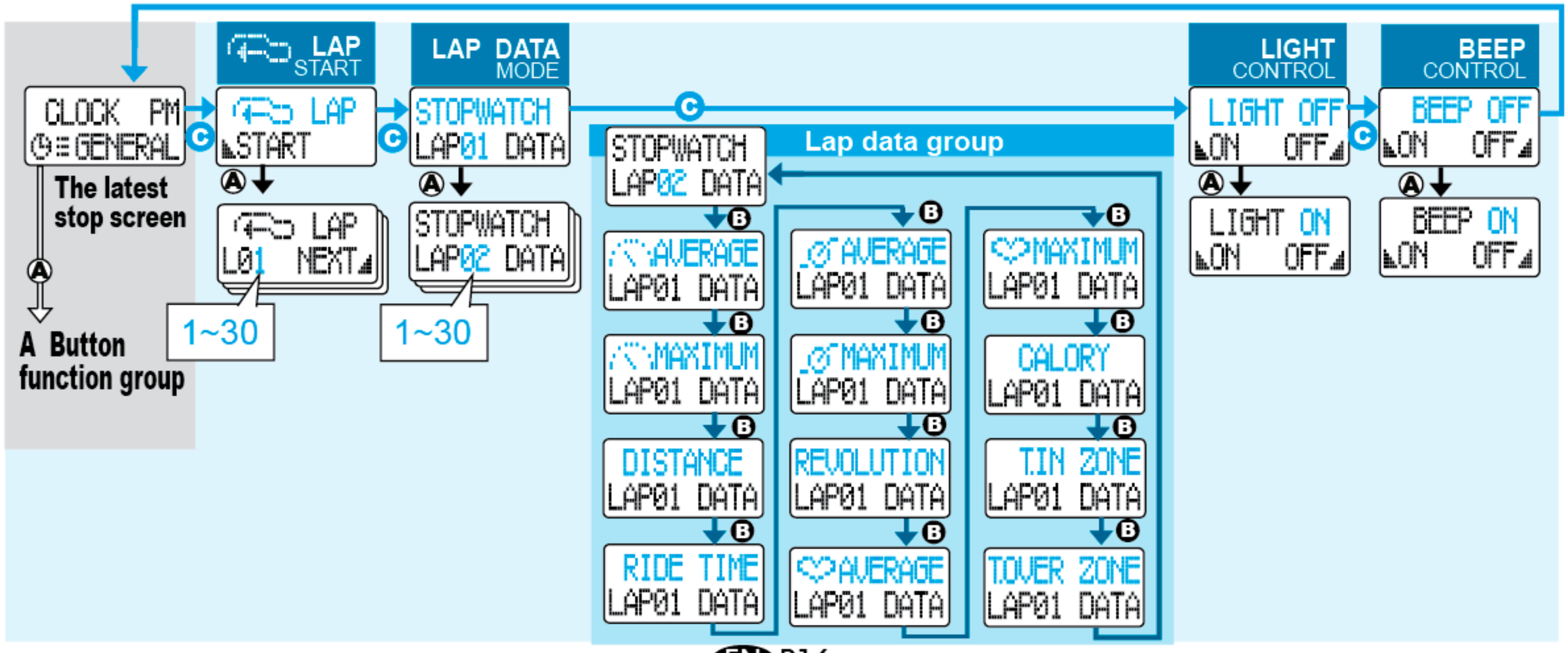
General function display

C Function group



C Button switch function **group**

B Button switch function **mode**



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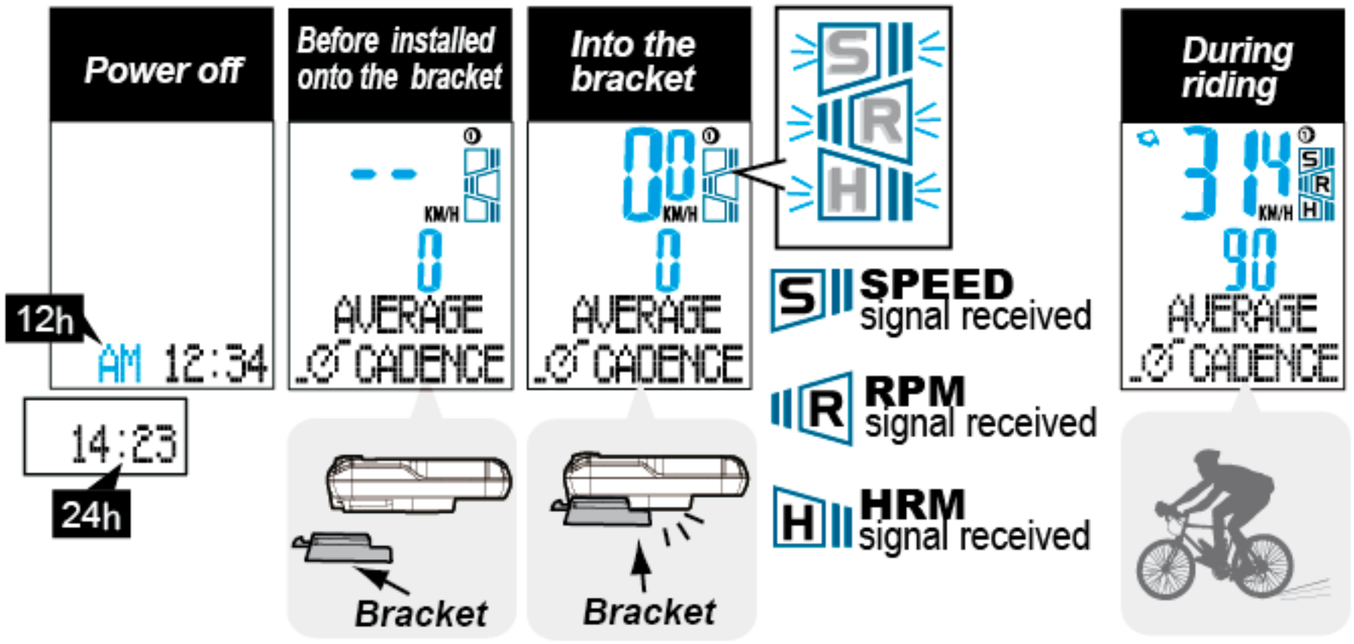
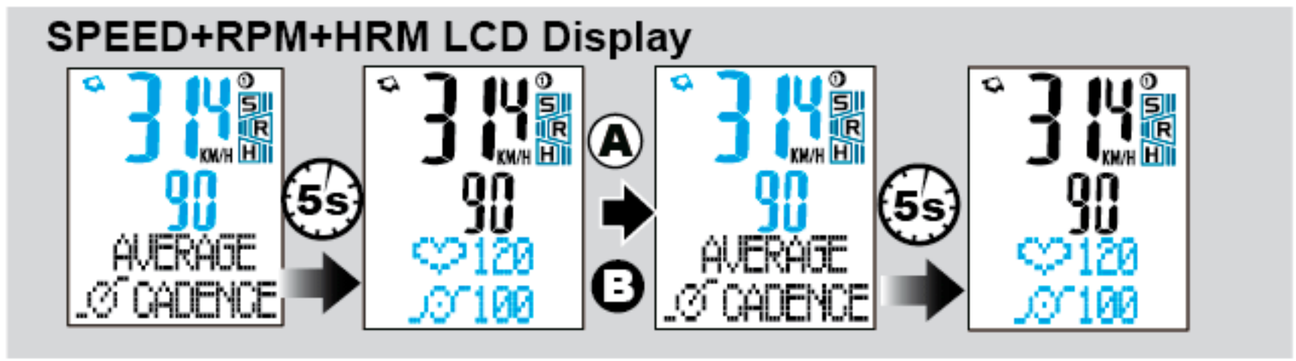
General Mode Display

The display of General Mode looks different in different phrases as shown below:





1. The main unit will automatically enter Sleep Mode in 15 minutes once it doesn't receive any signals from the bike. Only current time is displayed when the computer is in Sleep Mode (Power-Saving Mode.)
2. The computer will automatically start measuring the speed, cadence and HRM by put it onto the bracket, or by riding the bicycle if it was fit on the bracket already, or by pressing the A (or B) button to wake it up.
3. When you wake up the computer and riding, it will automatically scan for transmitters. S/R/H symbols will flash till coded. (S: Speed, R: RPM, H: HRM)
   *If either of S/R/H symbol disappears, please hold C button 3 seconds. It will again automatically scan for transmitters.
4. When you put the computer onto the bracket, the display will turn to instant icon, press A (or B) will return to the function icon.
5. The computer will mark on the coded transmitter(s) only. Non-coded transmitter(s) will result in non-instant data display.

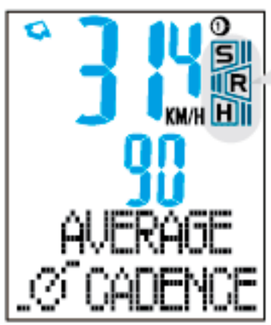
Note:

- All the computer and transmitter in the package had been paired in the factory before shipment. You might to pair them again when: 1. no signal received, 2. buy or replace with new parts.
- The computer can keep sensor pairing data in the memory even you change the battery.

Sensor pairing

When you have all the bracket, transmitters, and accessories installed, you need to do the pairing and coded signal testing between computer and transmitters.

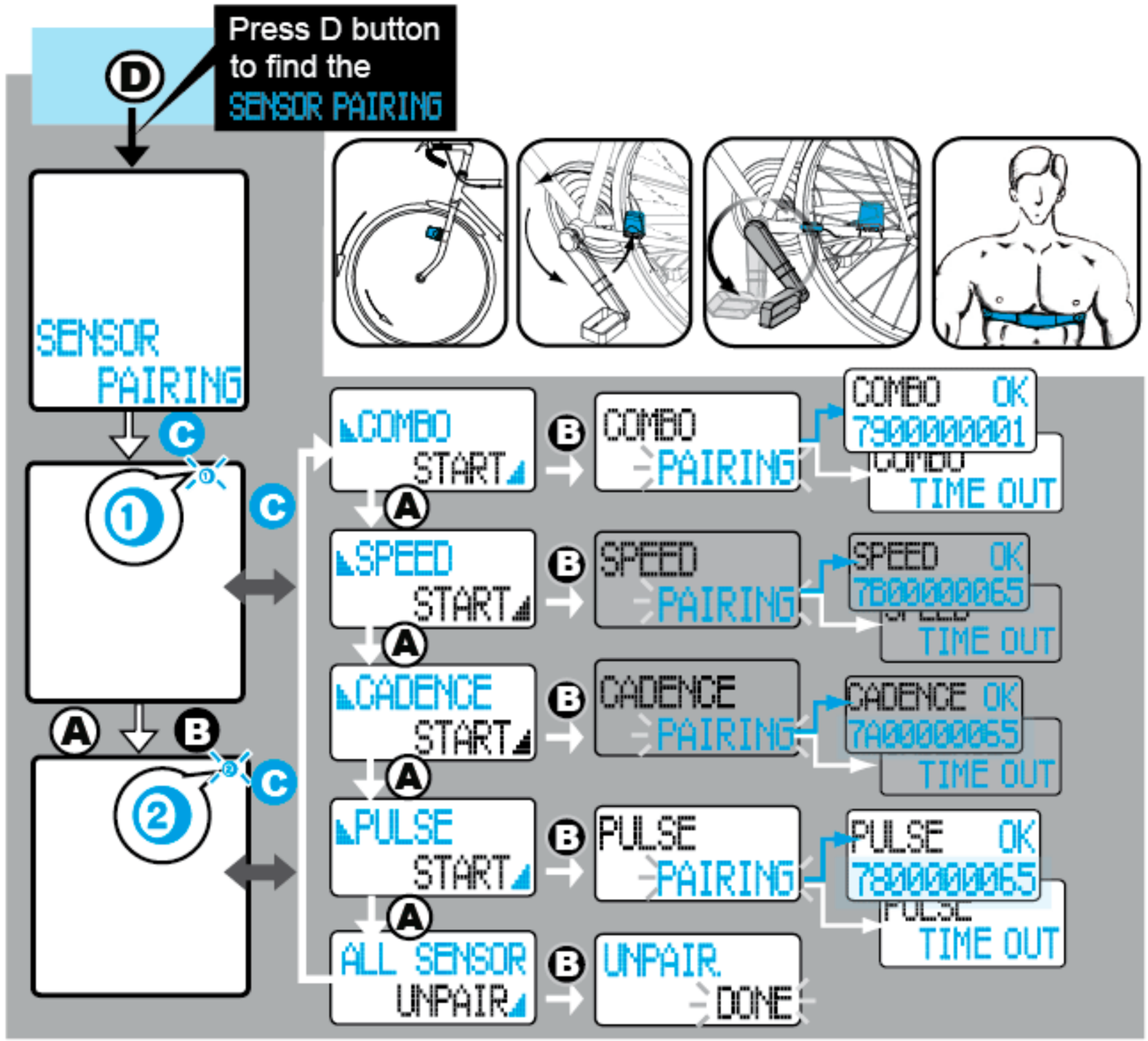
1. Put on the chest belt; roll the wheel and the crank
   (If you have problem with sensor pairing, it might be battery low power; check battery in the transmitter.)
2. If S/R/H show up, the transmitters are paired; if not, you need to do the pairing again.
3. Hold 1 second button D, it will enter setting loop, press D button to find the SENSOR PAIRING, choose bike1 or bike 2 (by pressing A or B) and press C to show coded ID. If computer did not receive any signal from transmitter over 30 seconds, it will show TIME OUT; please check the installation, battery power, and do the pairing again.
4. This computer is design for 2 bikes (you could purchase the 2nd set bike parts), it will automatically shift to bike 1 or bike 2 after pairing separately.



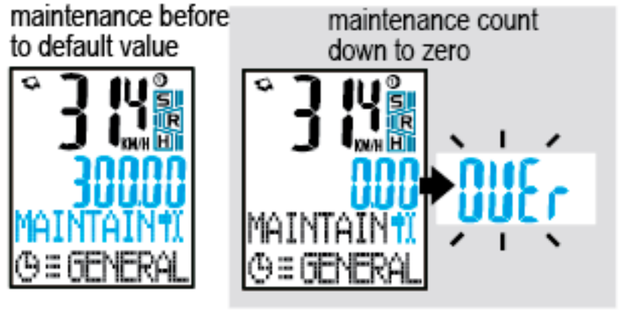
S **SPEED** signal received

R **RPM** signal received

H **HRM** signal received



Maintenance Reminder



MAINTENANCE REMINDER

1. The user's friendly function is to remind you about maintaining your beloved bike after presetting the desired reminding distance.
2. It displays the icon for Maintenance Reminder setting.

About revolution

The REVOLUTION function accumulates the pedal rotation data from the latest RESET operation as long as the bicycle is being ridden.

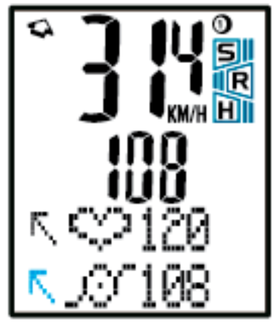
T_REVOLUTION

1. The computer accumulates the total pedal revolutions as long as the bike is running.
2. The real value is 100 times of the number on the screen. (ex. 38, means 3800 turns)
3. Computer will keep this data even you change the battery.

A_REVOLUTION

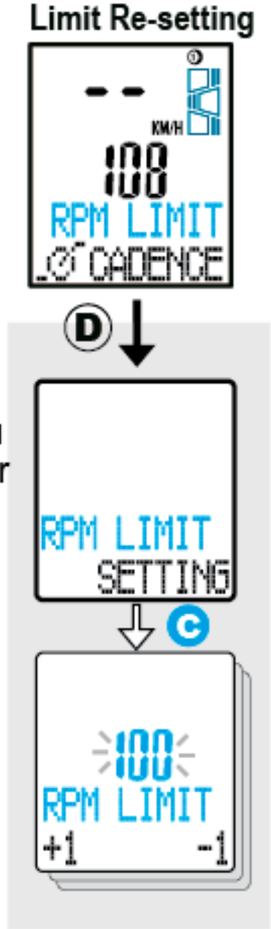
1. A_REVOLUTON is the sum of bike1 and bike2 of its total pedal revolution.
2. The real value is 100 times of the number on the screen. (ex. 38, means 3800 turns)
3. Computer will keep this data even you change the battery.

About RPM limit

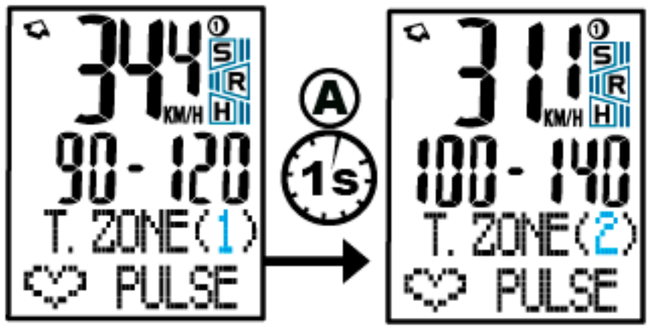


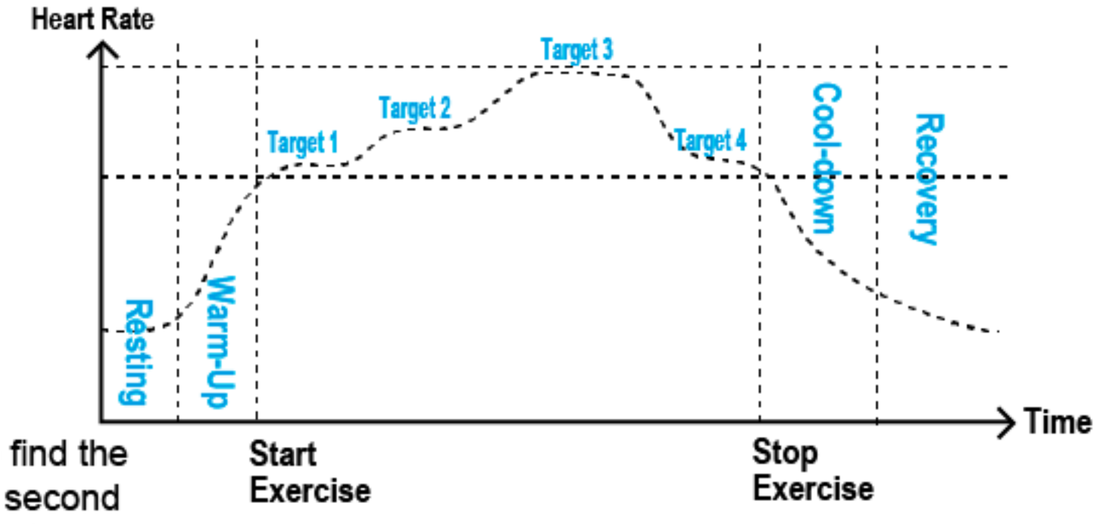
Limit reminder

1. A pacer symbol will show up to remind you only when RPM is over limit (beep should sound). By this way you can shift to a upper gear for more easy riding.
2. To rest it you need to pull off the computer from the bracket. Find "RPM limit" icon (cadence group), hold 1 second the D button to enter (quit) setting mode.



About target zone





TARGET ZONE

Pulse function group, press B button to find the Target Zone (T.ZONE) function, hold 1 second the A (or B) button to shift the 5 set target zone in a loop.

T.IN ZONE & T.OVER ZONE

Time in Target Zone records the duration of exercise intensity is in the Target Zone.

When take exercise, for your reference to adjust exercise intensity, the pacer symbol “up” will show up if your exercise intensity is over the target zone, the duration will be recorded as Time over target (T.OVER ZONE). The pacer symbol “down” will show up if your exercise intensity is under the target zone, but the duration under target zone will not be recorded.

Time in target zone

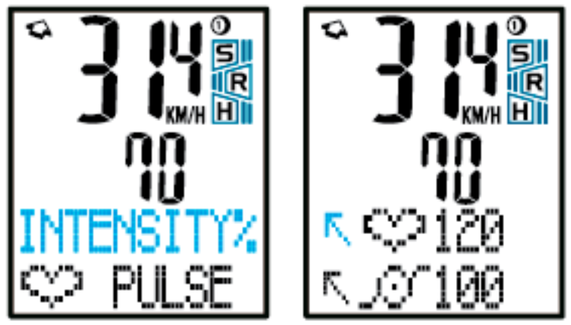
Over target zone

HR Target zone pace

Targer zone Data RE-Setting

Target Zone icon, hold 1 second the D button to enter (or quit) the data setting.

About Intensity



Absolute intensity of exercise (HR%) = Current heart rate / Maximum heart rate

Maximum heart rate =220-Age

*According to ACSM reference regarding the intensity of exercise, the levels are as followed:

<35	Very light
35-54	Light
55-69	Moderate
70-89	Hard
>90	Very hard
100	Maximal

About LAP

Lap data group

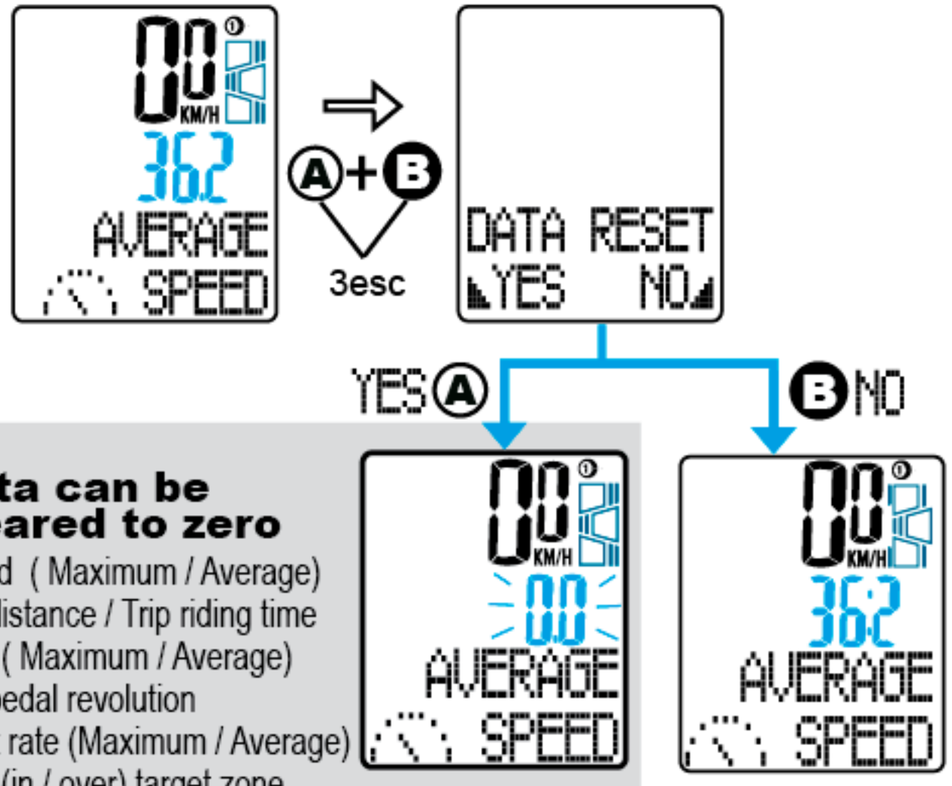
AVERAGE LAP01 DATA	MAXIMUM LAP01 DATA	DISTANCE LAP01 DATA	RIDE TIME LAP01 DATA	
AVERAGE LAP01 DATA	MAXIMUM LAP01 DATA	REVOLUTION LAP01 DATA		
AVERAGE LAP01 DATA	MAXIMUM LAP01 DATA	CALORY LAP01 DATA	T.IN ZONE LAP01 DATA	T.OVER ZONE LAP01 DATA

With LAP function, you can have the trip or training divided into several (up to 30) records.

1. Press C to find the LAP icon, press Start to record a new Lap.
2. Lap review is allowed only when you stop riding.
3. In Lap Data Group
   Speed (AVERAGE/MAXIMUM/DISTANCE/RIDE TIME)
   RPM (AVERAGE/MAZIMUM/REVOLUTION)
   HRM (AVERAGE/MAXIMUM/CALORY/T.IN ZONE/T.OVER ZONE)
4. 31st Lap record will automatically cover the 1st Lap record.
5. To clear the LAP data, LAP function group icon, hold 3 seconds A and B button.

Reset

DATA RESET

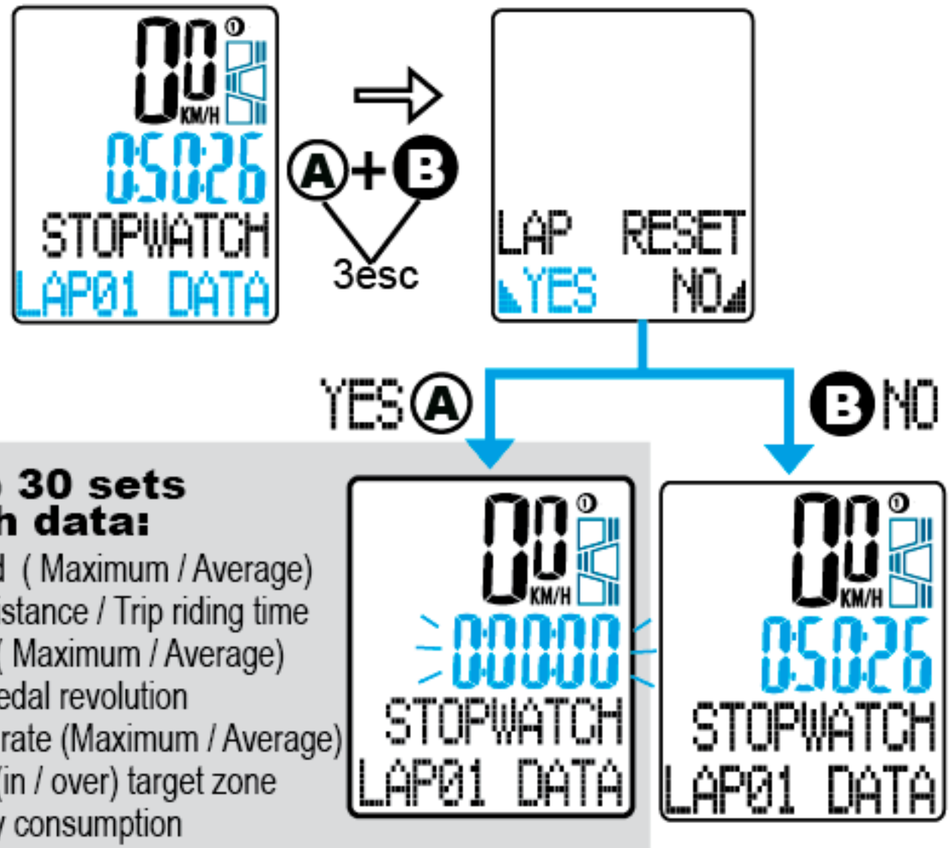


Data can be cleared to zero

Speed (Maximum / Average)
Trip distance / Trip riding time
RPM (Maximum / Average)
Trip pedal revolution
Heart rate (Maximum / Average)
Time (in / over) target zone
Calory consumption

LAP DATA RESET

Lap data can be cleared only in the LAP icon (LAP mode.)



Lap 30 sets with data:

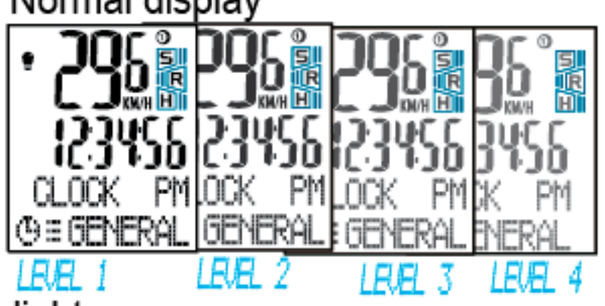
Speed (Maximum / Average)
Trip distance / Trip riding time
RPM (Maximum / Average)
Trip pedal revolution
Heart rate (Maximum / Average)
Time (in / over) target zone
Calory consumption

LCD Brightness

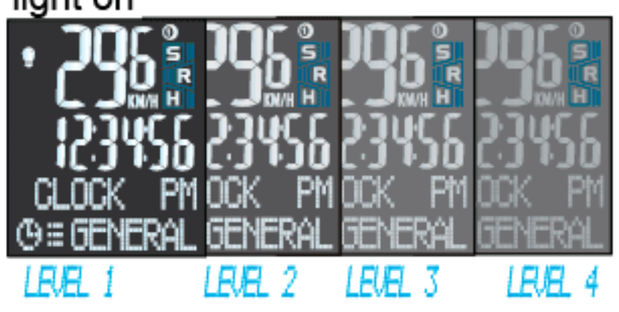
4 grades adjust the brightness.
To reset it you need to pull off the computer from the bracket. Hold 1 second the D button to enter setting mode, find the BRIGHTNESS SETTING.

LCD 4 grades brightness

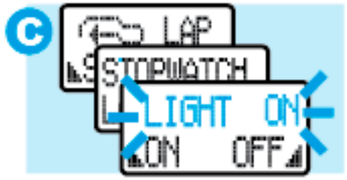
Normal display



light on

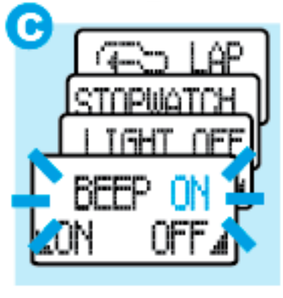


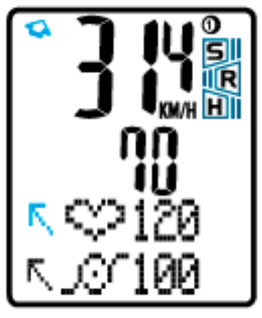
Backlight



1. Press C button to find the Light function icon, turn it on.
2. After turn it on, press any key to light on for 5 seconds each time, and the symbol will flash at the same time.

Beep Reminder





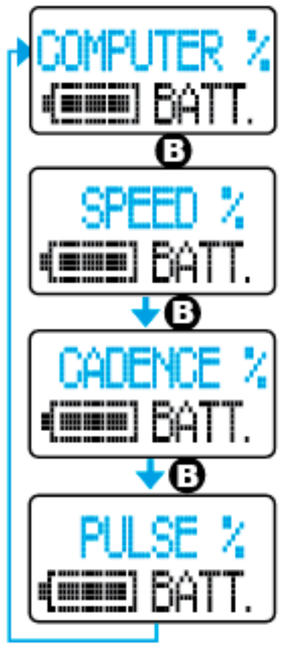
1. Press C button to find the Beep function icon, turn it on.
2. After turn it on, press any key will sound beep.

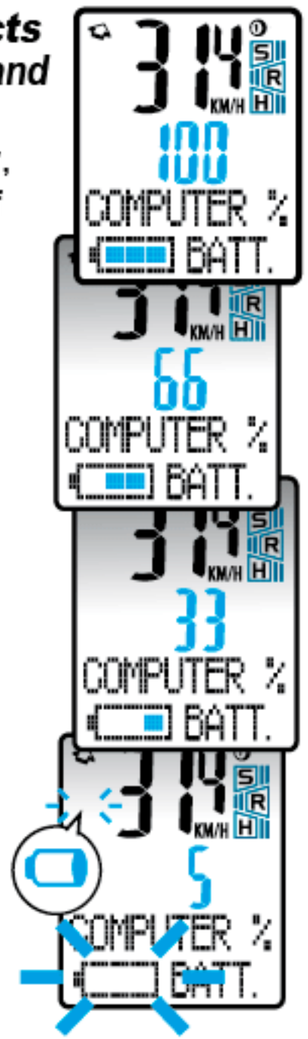
Backlight and Beep functions will increase power consumption, you can turn off these functions for keeping a better battery life.

Battery status detected

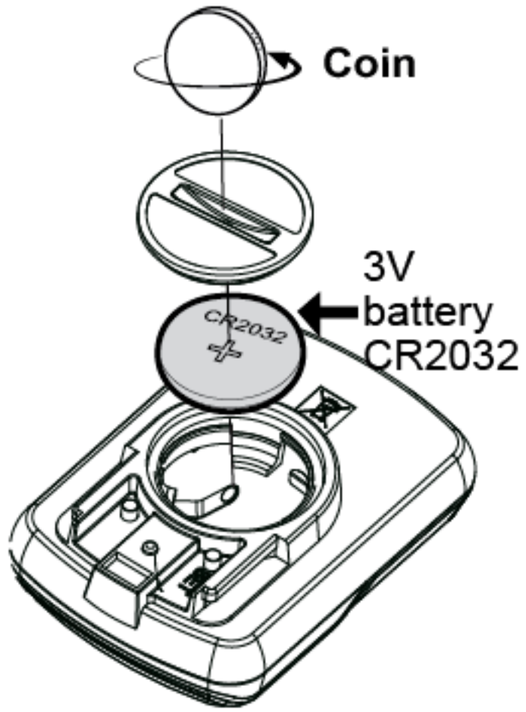
Battery status detects (batteries in computer and in transmitters):

When detect Low battery, the computer will turn off EL/ BEEP function, and stop record data.





Battery Replacement



Main unit battery change

1. Replace the battery with a new battery within a few days when the symbol appears." "
2. Replace with a new CR2032 battery and initiate the main unit.

Check battery power status in BATT icon.
Please change battery if the empty battery symbols show up, low power will result in stopping data record.

GENERAL : CLOCK / DATE(SUN) / MAINTAIN / USER DATA

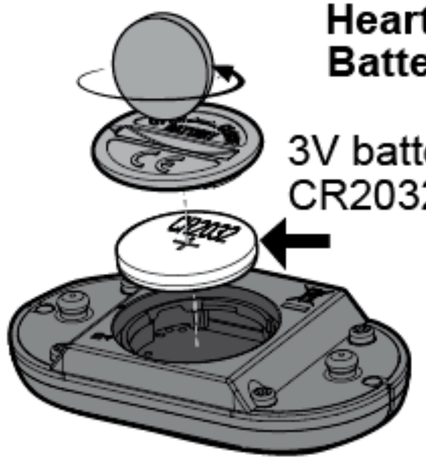
CADENCE : RPM LIMIT

SUN DATA : ODOMETER / T_RIDETIME T_CALORY / T_REVOLUT A_ODOMETER / A_RIDETIME A_CALORY / A_REVOLUT

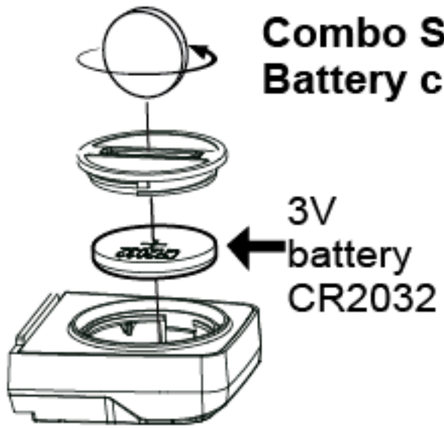
PULSE : T.ZONE(1-5)

LIGHT(ON/OFF) BEEP(ON/OFF)

Heart Rate sensor Battery Change



Combo Sensor Battery change



When change with a new battery,
the LED on transmitter
will automatically flash for 10 seconds.

Specification

Functions	Specifcations
Current speed	0-199.9 KM/H 0-120.0 M/H
Average speed	0-199.9 KM/H 0-120.0 M/H
Maximum speed	0-199.9 KM/H 0-120.0 M/H
Trip distance	0-999.99 KM/MILE
Odometer	0-999999 KM/MILE
Total ODO bike1+bike2	0-1999999 KM/MILE
Riding time	00H00M00S-99H59M59S
Total riding time	00H00M-9999H59M
Total riding time bike1+bike2	0-19999H59M
Maintenance reminder	0-990 KM/MILE
Speed pacer	Current speed compare with Average speed
Current RPM	0-199 RPM
Maximum RPM	0-199 RPM
Average RPM	0-199 RPM
Trip pedal revolution	0-999999 RPM
Total pedal revolution	0-999999*100 RPM
Total pedal revolution bike1+bike2	0-1999999*100 RPM
RPM limit	10-199 RPM
RPM limit reminder	Compare with PRM target zone

Functions	Specifcations
Current HR	30-240 BPM
Maximum HR	30-240 BPM
Average HR	30-240 BPM
Calory	0-9999.99 KCAL
Total calory	0-999999 KCAL
Total calory bike1+bike2	0-1999999 KCAL
Calory per hour	0-9999 KCAL
HR intensity	0-99%
HR target zone in BPM	30-240 BPM 5 sets
Time in target zone	00H00M00S-99H59M59S
Time over target zone	00H00M00S-99H59M59S
HR target zone pacer	Compare with HR target zone
User data input	Age 5-99, Sex , Weight : 10-199 KG 10-499 LB
12/24H clock	1H00M00S-12H59M59S 00H00M00S-23H59M59S
Calendar	MM:DD:YY week 2000.01.01-2099.12.31
EL back-light	Light 5's per each press
Low battery indicator	< 2.4 V
Circumference bike1	0-3999 mm Default : 2155 mm
Circumference bike2	0-3999 mm Default : 2050 mm
Lcd Brightness	L1-L4

Functions

SPEED FUNCTIONS

CURRENT SPEED

1. The current speed is always shown on the middle display during riding.
2. The speed data are updated per second.
3. For Bike 1, when you do not ride the bike for more than 4 seconds, the speed data will be reset to zero.

For Bike 2, when you do not ride the bike for more than 2 seconds, the speed data will be reset to zero.

AVERAGE	Average Speed

1. With this function, the computer will display your average speed during riding.
2. Whenever you reset the computer or change the battery, the average speed record will be cleared.
3. It'll display "0.0" if the riding time is below 6 seconds.
4. It's updated every second on condition that the riding time is over 6 seconds.
5. The computer will automatically reset the following data to zero once the riding time is over 100 hours or the distance is over 1000KM (or miles): riding time, trip distance, average speed.

MAXIMUM	Max. Speed

1. With this function, the computer will record the maximum speed you reach during riding.
2. Whenever you reset the computer or change the battery, the max. speed record will be cleared.

DISTANCE	Trip Distance

1. Trip distance refers to the accumulated distance during a trip.
2. Whenever you reset the computer or change the battery, the trip distance record will be cleared.

ODOMETER	Odometer

1. With this function, the computer accumulates the total distance of the bike you ride.
2. The odometer data cannot be cleared by the reset operation.

A-ODOMETER	Total odometer (bike 1+ bike 2)

1. With this function, the computer accumulates the total distance of the two bikes you ride.
2. The sum of ODO 1 and ODO 2 equals ODO (1) (2). (i.e. total distance of bikes 1 and 2)
3. The total odometer data cannot be cleared by the reset operation.

RIDINGTIME	Riding time

1. Riding time refers to the accumulated riding time of a trip.
2. Whenever you reset the computer or change the battery, the trip distance record will be cleared.
3. The computer automatically starts measuring the riding time upon receipt of wheel signals. If you are riding your Bike 1, whenever you stop, the computer will continue to count the riding time for 4 more seconds to make sure there're no more wheel signals. If you are riding your Bike 2, the computer will count the riding time for 2 more seconds for the same reason. Regarding the riding time it over counts, the computer will automatically deduct it and show the correct riding time.

T_RIDINGTIME	Total riding time

1. With this function, the computer accumulates the total riding time of a bike.
2. The total riding time data cannot be cleared by the reset operation.

A_RIDINGTIME	Total riding time (Bike 1 + Bike 2)

1. With this function, the computer accumulates the total riding time of the two bikes you ride.
2. The sum of T_ RIDINGTIME bike 1 and bike 2 equals A_RIDINGTIME. (i.e. total riding time of bikes 1 plus 2)
3. The accumulated total riding time of Bike 1 and Bike 2 cannot be cleared by the reset operation.

MAINTENAIN TI	Maintenance reminder

1.function is to remind you about maintaining your beloved bike after presetting the desired reminding distance.
2. It displays the icon (MAINTENAIN TI) for Maintenance Reminder setting. (Maintenance: Bike1:300km or miles, Bike2:990km or miles.)

	Pace Arrow

1. The pace arrow shows the comparison between the current speed and average speed.
2. If the current speed is above or equal to the average speed, the upward arrow ( ) will flash on the display.
3. On the contrary, if the current speed is below the average speed, the downward arrow ( ) will flicker.

RPM FUNCTIONS

RPM	RPM Current Cadence

1. RPM (Revolutions Per Minute) is a measure of rotational speed. It's updated every second.
2. The current RPM (cadence) is always shown on the middle display.
3. For Bike 1, if you do not turn the crank for over 4 seconds, the current RPM will be reset to zero.
   For Bike 2, if you do not turn the crank for over 2 seconds, the current RPM will be reset to zero.

MAXIMUM	Maximum Cadence

1. With this function, the computer will record your maximum cadence during riding.
2. Whenever you reset the computer or change the battery, the max. RPM record for a trip will be cleared.

AVERAGE	Average Cadence

1. With this function, the computer will display the average cadence during riding. It's updated per second.
2. Whenever you reset the computer or change the battery, the average cadence record will be cleared.

REVOLUTION	TRIP Pedal Revolutions

1. The bike1, bike2 accumulates the pedal revolutions as long as the bike is running.
2. The bike1, bike2 data can be cleared to zero by Data Reset operation.

T_REVOLUTION	Total Pedal Revolutions

1. The computer accumulates the total pedal revolutions as long as the bike is running.
2. The bike1, bike2 data can not be cleared to zero by Data Reset operation, but by all clear operation.
3. The real value is ten times of the number on the screen. (ex. 38, means 380 turns)

A_REVOLUTION	Total All Pedal Revolutions (bike1+bike2)

1. The A-revolution accumulates the total pedal revolutions as long as the bike is running. Either Bike 1 or 2 has its individually.
   A-revolution is the sum after bike1 plus bike2 total pedal revolutions
2. The A-revolution data can not be cleared to zero by Data Reset operation, but by all clear operation.
3. The real value is one hundred times of the number on the screen. (ex. 188, means 18800 turns)

RPM LIMIT	RPM limiet

Setup the RPM value, the pacer symbol will show up (beep should sound) to remind you only when RPM is over limit. By this way you can shift to a upper gear for more easy riding.

HEART RATE FUNCTIONS

♡	Current Heart Rate

Current Heart RateDisplay the current heart rate on the middle of display.

MAXIMUM	Maximum Heart Rate

1. Monitors and records the maximum heart rate during exercise.
2. The range of maximum heart rate is from 30 to 240 bpm.

AVERAGE	Average Heart Rate

1. Calculating the average heart rate during exercise. According to this value we can know if the cardiopulmonary condition has been improved while do the same intensity of exercise.
2. Range of average from 30 bpm to 240 bpm.

User date

1. Enters the data for sexuality, age, weight and height of user.
2. Personal data is an important reference for calculating the consumption of calories.
3. Range of age is from 5 to 99.
4. Units of weight: kg from 10 to 199 lb from 10 to 499

CALORY	Calories Heart Rate

1. Calculates the calories expended for the whole exercise process, not only from exercise.
2. Males expend more calories than females at the same heart rate, likewise, the female heart rate will be higher than male heart rate doing the same amount of exercise.
3. Calories consumption will be affected by Heart rate, sexuality, weight and type of exercise.
4. The unit of calories is Kcal.
5. The range is from 0 Kcal to 9999.99 Kcal.
6. Calory will be calculated when the heart rate is equal or over 90bpm.

T_CALORY	Total calories Heart Rate

1. Records the total (cumulative) calories expended.
2. Unless this value is reset, the data will be save separately, so weekly or monthly cumulative calories consumption can be seen in this mode.

A_CALORY	Total calories Heart Rate (Bike 1 + Bike 2)

1. A_calcory is total calories heart rate bike1 plus bikr 2 (cumulative) calories expended records.
2. this A_total calories data can not be cleared to zero, by data reset operation, but by all clear operation.

CLORY/H	Calories per hour mode

1. Calculates the expended calories per hour based on the current heart rate.
2. Increasing or decreasing the heart rate intensity can control target calorie consumption.
3. The range for calorie consumption per hour is from 0 to 9999 Kcal.

INTENSITY%	Heart Rate Intensity

Display the current heart rate intensity

T. IN ZONE	In target zone time mode

1. Calculates and records the exercise time within the target zone.
2. The range is from 00H00M00S to 99H59M59S.

T. OVER ZONE	Above target zone mode

1. Calculates and records the exercise time NOT in the target zone.
2. The range is from 00H00M00S to 99H59M59S.

↖ ↘	Target zone limit

1. This value depends on the target zone setup, and the lower and upper limits are displayed as a heart rate value.
2. The heart rate display is simple and clear and is convenient for the beginner.
3. "↖" will display when the heart rate is below the lower limit of the target zone (beep should sound).
4. "↘" will display while the heart rate is above the upper limit of target zone (beep should sound).
5. The range for each target zone must be more than 10 bpm.
6. The range for the limit mode is from 30 bpm to 240 bpm.

T. ZONE	Program target zone mode

1. There are 5 sets of programmable target zones.
2. Switch the Target Zone manually by hold 1 sec buttom A or B.
3. The Beep will sound when the target zone shifts from one zone to another.

OTHER FUNCTIONS

	Battery status detected

1. This function detects the battery power in the computer and transmitters.
2. Press A button to find theBATT function, Battery status detected .
3. When detect Low battery, the computer will turn off EL function, and stop record data.

	Low Battery Indicator

1. When the low-battery icon" " appears on the display, it's time to get a new battery.
2. Replace the battery with a new one A.S.A.P. when the icon blinks on the display. Otherwise, the new data of some functions will not be stored into the computer.
3. If you do not change the battery in a few hours, the computer may still work for a few days. The data will be displayed as usual, but the new data will not be stored before the battery is changed.
4. To save battery power, there's no EL backlight when the low-battery symbol is blinking.

CLOCK	Clock Time: 12H/24H Alternative

1. When the user sets the clock time in Data Setting Mode, there are two formats for option-- 12H and 24H.
2. 12H means 12 hours. In this format, to AM or PM. 24H means 24 hours.
3. When in the sleep mode, only the clock time will be displayed on the screen.

DATE	Calendar

1. Calendar per setting month /day /year
2. auto display day format 01.01.2000~12.31.2099.

	EL back-light

1.Press C button to find the Light function, turn on/off the EL back-light.
2. After turn it on, The symbol "  " will apper to indicate the EL back-light function is at working status.
3. Press any key to light on for 5 seconds each time, and the symbol will flash at the same time.

BRIGHTNESS	LCD Brightness

1. Contrast adjust have 4 grades adjust the brightness.(LEVEL 1~4)
2. adjust the brightness Contrast will also affect the EL back-light

BEEP	Beep reminder

1. Press C button to find the Beep function icon, turn it on.
2. After turn it on, press any key will sound beep.

Trouble Shooting

PROBLEM	CHECK ITEMS	REMEDY
No display	1. Is the battery dead? 2. Is there incorrect battery installation?	1. Replace the battery. 2. Be sure that the positive pole of the battery is faces the battery cap.
No current Speed or incorrect data	1. Does the Speed symbol disappear? 2. Is it at the main unit data setting display? 3. Are the contacts between the main unit and the bracket poor? 4. Are the relative positions and gap of speed transmitter and magnet correct? 5. Is the circumference correct?	1. Please hold C button 3 seconds; it will again automatically scan for transmitters. Or refer to Sensor Pairing p.18. 2. Refer to the main unit data setting procedure and complete the data setting. 3. Wipe contacts clean. 4. Refer to P.5, re-adjust position and gap correctly. 5. Refer to P.8 and enter correct value.
No current RPM or Incorrect data	1. Does the RPM symbol disappear? 2. Is the relative positions and gap between RPM transmitter and magnet correct? 3. Is the RPM transmitter battery nearly exhausted? 4. Is any strong interference source nearby?	1. Please hold C button 3 seconds; it will again automatically scan for transmitters. Or refer to Sensor Pairing p.18. 2. Refer to P.7 re-adjust position and gap correctly. 3. Repair with a new battery. 4. Move away from the source of interference.
No Heart Rate or Incorrect data	1. Does the Heart Rate symbol disappear? 2. Note to wear chest belt correet with sensor touch the skin? 3. Is the Heart Rate battery nearly exhausted?	1. Please hold C button 3 seconds; it will again automatically scan for transmitters. Or refer to Sensor Pairing p.18. 2. Refer to P.9 re-adjust correctly position 3. Repair with a new battery.

Irregular display		Refer to the "Main unit data setting" and initiate the main unit again.
LCD is black	Have you left main unit under direct sunlight when not riding the bike for a long time?	Place main unit in the shade to return to normal state.No adverse effect on data.
Display is slow	Is the temperature below 0°C (32°F)?	Unit will return to normal state when the temperature rises.

Precaution

1.Remember to pay attention to the road while riding.
2.Don't disassemble the main unit or its accessories.
3.Check relative position and gap of sensor, magnet and main unit periodically.
4. Don't use thinner, alcohol or benzene to clean the main unit or accessories when they are dirty.
5. Don't leave the main unit exposed to direct sunlight when not riding the bike.
6.Take care of you chest belt. Wash the chest belt by suds, and then flush out with water. Let it dry naturally. Avoid putting the chest belt under the environment of high temperature or touching the corrosive material such strong acid or alkalis .
7.The physical condition of individual might effect the intensity of signal.
8.Avoid using the heart rate close to trolley car, tram stop, transformer, electric substation and high-tension distribution line, etc. Because the radio signal will be affected under the environment with high voltage and strong magnetic field.
9.To ensure your safety, please use the Heart Rate Transmitter under a doctor or coach's direction if you have one of the following conditions:
   a. Cardiopulmonary disease
   b. Obesity.
   c. No exercise for long period of time.