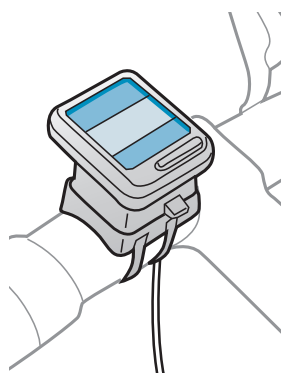




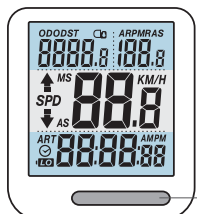
GB



wired version
Art no. TPC14

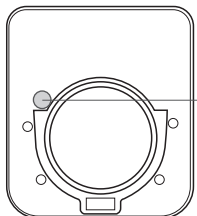


wireless version
Art no. TPC15



MODE
Button

M



SET
Button

S

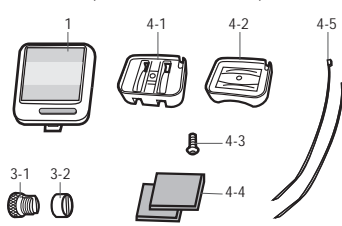
DISPLAY

FUNCTION

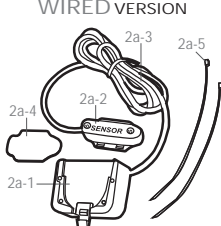
SPD	Current speed
AS	Average speed
MS	Maximun speed
DST	Distance
ODO	Accumulated distance
RT	Riding time
ART	Accumulated riding time
LO	Low battery indicator
	12H/24H clock
	Pace indicator
	Button lock
KM/H M/H	Unit selection

DETAILED PARTS DESCRIPTION

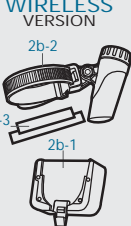
ACCESSORIES (Fits handlebar and stem)



ACCESSORIES FOR WIRED VERSION



ACCESSORIES FOR WIRELESS VERSION



ACCESSORIES FOR WIRED VERSION

1. Computer Body
2. Computer Bracket Set A
 - 2a-1 Computer Bracket
 - 2a-2 Sensor
 - 2a-3 Sensor Cable
 - 2a-4 Sensor Rubber Pad
 - 2a-5 Sensor Zip Tie (2pcs)
3. Wheel Magnet Set
 - 3-1 Wheel Magnet
 - 3-2 Magnet Nut

4. Bracket Set
 - 4-1 Handlebar Bracket
 - 4-2 Stem Bracket
 - 4-3 M2.5 x 10 mm Bolt
 - 4-4 Rubber Pad (2 pcs)
 - 4-5 Bracket Zip Tie (4 pcs)

ACCESSORIES FOR WIRELESS VERSION

1. Computer Body
2. Computer Bracket Set B
 - 2b-1 Computer Bracket
 - 2b-2 Sensor (Transmitter) with Zip Belt
 - 2b-3 Sensor Rubber Pad
3. Wheel Magnet Set
 - 3-1 Wheel Magnet
 - 3-2 Magnet Nut

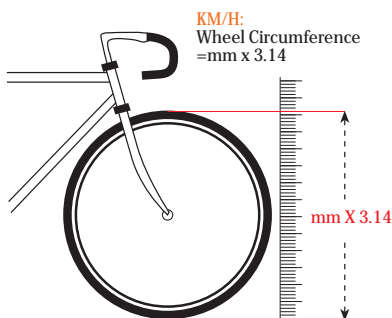
4. Bracket Set
 - 4-1 Handlebar Bracket
 - 4-2 Stem Bracket
 - 4-3 M2.5 x 10 mm Bolt
 - 4-4 Rubber Pad (2 pcs)
 - 4-5 Bracket Zip Tie (4 pcs)

DETERMINE WHEEL CIRCUMFERENCE

METHOD A). CHOOSE FROM WHEEL CIRCUMFERENCE DATA BELOW

Tire Size Designation	Wheel Circumference	Tire Size Designation	Wheel Circumference
47-305 16 x 1.75 x 2	1217	32-630 27x1 1/4	2199
47-406 20 x 1.75 x 2	1590	28-630 27x1 1/4 Fifty	2174
37-540 24x1 3/8A	1948	40-622 28x1.5	2224
47-507 24x1.75x2	1907	40-622 28x1.75	2268
23-571 26x1	1973	40-635 28x1 1/2	2265
40-559 26x1.5	2026	37-622 28x1 1/8x1 5/8	2205
44-559 26x1.6	2051	18-622 700x18c	2102
47-559 26x1.75x2	2070	20-622 700x20c	2114
50-559 26x1.9	2089	23-622 700x23c	2133
54-559 26x2.00	2114	25-622 700x25c	2146
57-559 26x2.215	2133	28-622 700x28c	2149
37-590 26x1 3/8	2105	32-622 700x32c	2174
37-584 26x1 3/8x1 1/2	2086	35-622 700x35c	2205
		40-622 700x40c	2224

METHOD B). MEASURE WHEEL CIRCUMFERENCE



WHEEL CIRCUMFERENCE OF MY BIKES

BIKE :

CHANGING BATTERIES

WIRELESS VERSION



NOTE:
The sensor battery is supplied, but not installed. Install the sensor battery before using the computer.

SPECIFICATIONS

DISPLAY	FUNCTION	SHOWN ON SCREEN	READ ON SCREEN	SPECIFICATIONS	INCREMENTS	ACCURACY
SPD	Current Speed		26.7 KM/H	99.9 KM/H, 60.0 M/H	0.1 KM/H or M/H	± 1 %
AS	Average Speed		30.0 KM/H	99.9 KM/H, 60.0 M/H	0.1 KM/H or M/H	± 0.1 %
MS	Maximun Speed		31.1 KM/H	99.9 KM/H, 60.0 M/H	0.1 KM/H or M/H	± 0.1 %
DST	Distance		24.9 KM	0.0 - 999.9 KM or M	0.1 KM or M	± 0.1 %
ODO	Accumulated Distance		3224.1 KM	0.0 - 9999.9 KM or M	0.1 KM or M	± 0.1 %
RT	Riding Time		13M	0: 00: 00 - 99: 59: 59	1 Second	± 0.1 %
ART	Accumulated Riding Time		157H30M	000: 00 - 999: 59	1 Minute	± 0.1 %
LO	Low Battery Indicator		low battery	< 2.4V		
	12H/24H clock		12HOM52S PM (12H)	1: 00: 00 - 12: 59: 59 (12H) 0: 00: 00 - 23: 59: 59 (24H)	1 Second	± 0.003 %
	Pace Indicator		SPD > AVG SPD < AVG			
	Button Lock		lock			

Wheel circumference default: BIKE-2155mm

WIRED VERSION

Sensor: No Contact Magnetic Sensor.
Wheel Circumference Setting: 0mm - 3999mm (1mm increment)
Operating Temperature: 0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature: -20°C ~ 80°C (-4°F ~ 176°F)
Computer Body Battery Power: 3V battery x 1 (CR2032). Battery life, approximately two years.
(Based on an average of 1.5 hours use per day)
Computer Body: 45 x 40 x 18 mm/ 24g

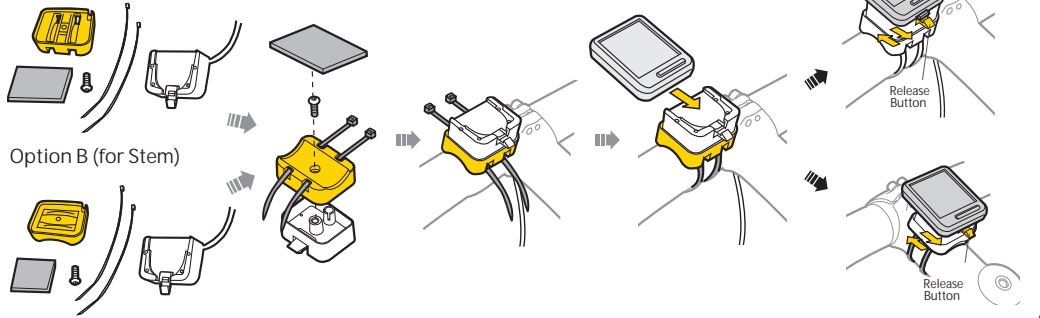
WIRELESS VERSION

Sensor with Transmitter: No Contact Magnet sensor with Wireless Transmitter.
Wireless Sensing Distance: 45cm (18") between the sensor(transmitter) and the computer body.
Cross-Talk Interference: Within 40 cm (15.8"), no interference by 2 bicycles carrying similar cycle computers, even when ridden side by side.
Wheel Circumference Setting: 0mm - 3999mm (1mm increment)
Operating Temperature: 0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature: -20°C ~ 80°C (-4°F ~ 176°F)
Main Unit Battery Power: 3V battery x 1 (CR2032). Battery life, approximately 1.3 years.
(Based on an average of 1.5 hours use per day)
Transmitter Battery Power: 1.5V battery x 1 (typical LR44). 15,000 miles riding distance, or approximately 2 years. (Battery included with sensor may have shorter battery life due to initial shipping and storage time.)
Dimensions/ Weight: Computer Body: 45 x 40 x 18mm/ 24g
Sensor(Transmitter): 20 mmø x 48 mm/ 13g

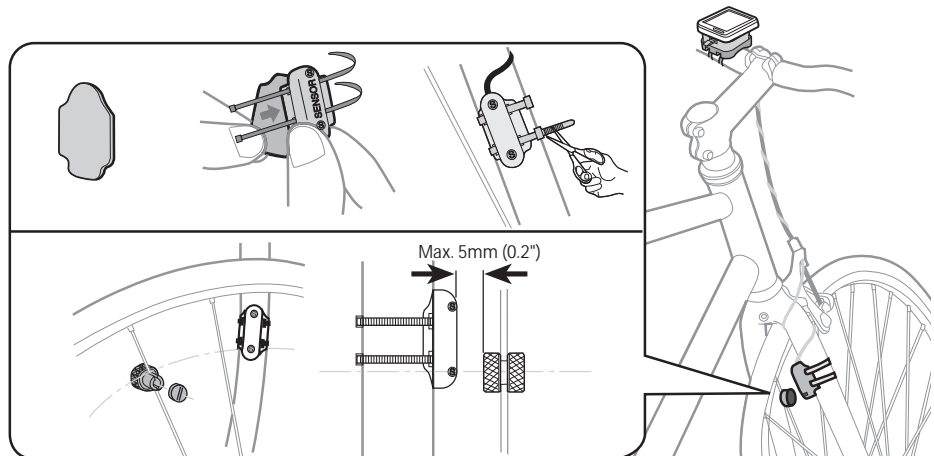
INSTALLATION FOR WIRED VERSION

Computer / Handlebar Bracket Set

Option A (for Handlebar)



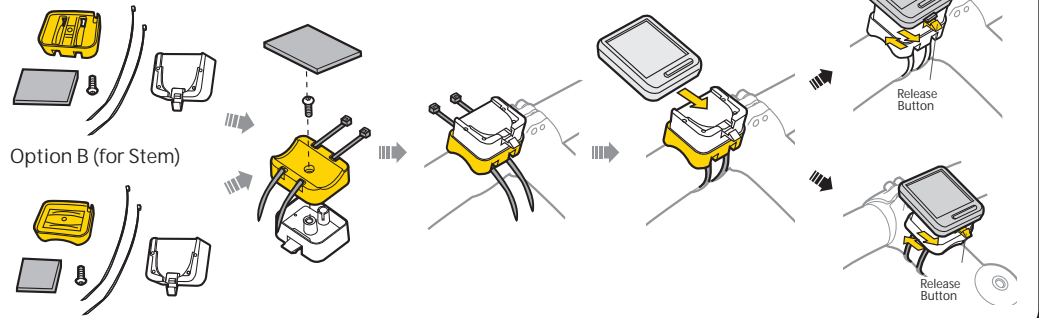
Option B (for Stem)



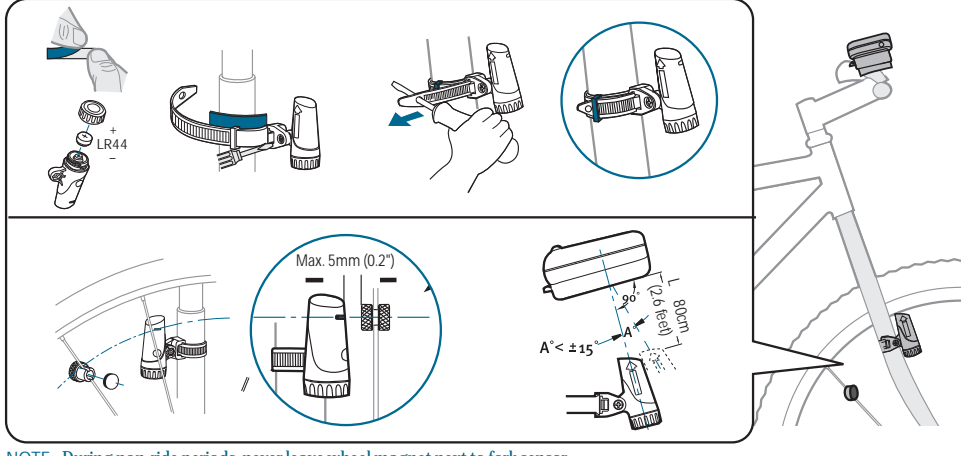
INSTALLATION FOR WIRELESS VERSION

Computer / Handlebar Bracket Set

Option A (for Handlebar)



Option B (for Stem)



NOTE: During non-ride periods, never leave wheel magnet next to fork sensor.
This will shorten sensor battery life.

TROUBLE SHOOTING

Check the following before bringing unit in for repair.

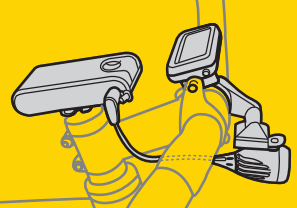
PROBLEM	CHECK ITEMS	REMEDY
No display	1. Is the battery exhausted? 2. Is the battery installed correctly?	1. Replace the battery. 2. Make sure that the positive (+) pole of the battery is facing the battery cap.
No current speed or incorrect data	1. Is it in setup mode? 2. Are the contacts between the computer body and the bracket poor? 3. Are the relative positions and gap between sensor and magnet correct? 4. Is the wheel circumference correct?	1. Refer to the data setting procedure and complete the adjustment. 2. Clean the contacts. 3. Refer to INSTALLATION and re-adjust correctly. 4. Refer to CIRCUMFERENCE SETTING and enter correct value.
Irregular display		Refer to "Clear All Data setting" and initiate the computer again.
LCD is black	Did you leave the main unit in direct sunlight when not riding the bicycle for a long while?	Place the computer body in the shade to return to normal state.
Display is slow	Is the temperature below 0°C (32°F)?	The unit will return to normal state when the temperature rises.

PRECAUTIONS

1. The TOPEAK PANORAM cycle computer can be used in the rain but should not be used underwater.
2. Do not leave the main unit exposed to direct sunlight when not riding the bicycle.
3. Do not disassemble the computer body or its accessories.
4. Check relative positions and gap between sensor and magnet periodically.
5. Clean the bracket contacts and the button of the computer body periodically.
6. Do not use harsh chemicals to clean the computer body or its accessories.
7. Remember to pay attention to the road while riding.



IMPORTANT NOTE



When using Panoram wireless cycle computer in conjunction with a Topeak light and powerpack, mount the light in the position shown to minimize electro-magnetic interference with the cycling computer.

OPERATION SYMBOLS

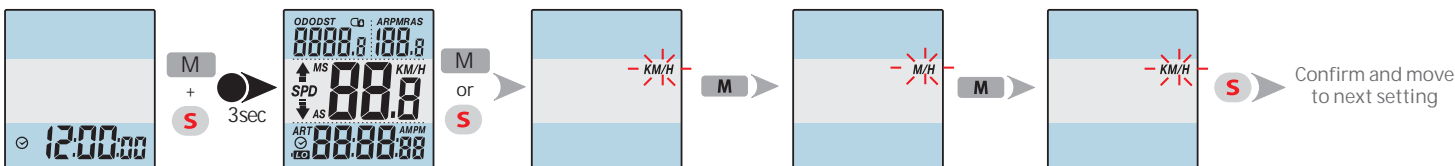
M MODE Button

S SET Button

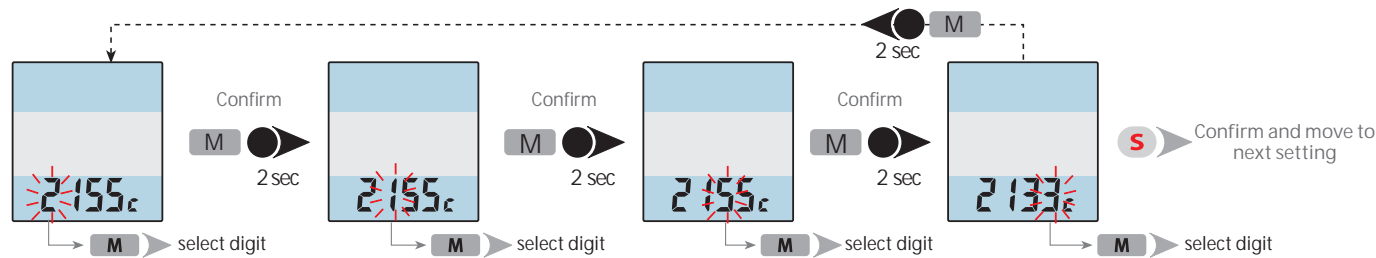
Press and Hold

Press

1 SETUP CLEAR ALL DATA and SELECT KM or MILE



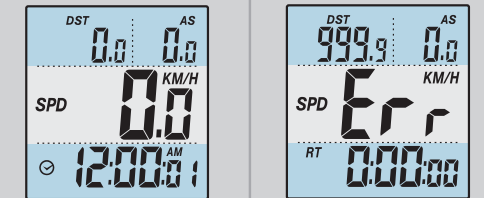
2 SETUP WHEEL CIRCUMFERENCE



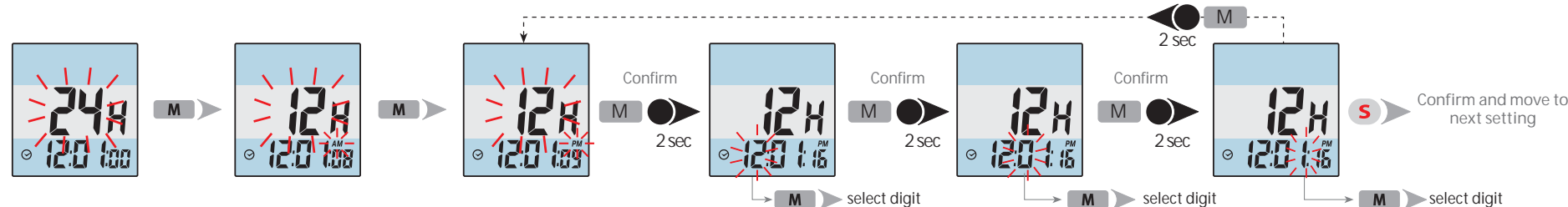
NOTE:

If no data is entered for 20 seconds, the screen will return to screen 1 automatically

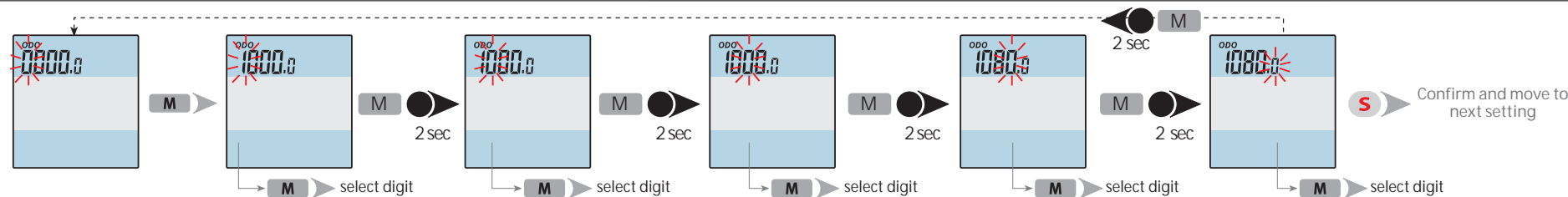
When DST over 999.9 or RT over 99:59, ERR will appear. Use CLEAR DATA function, to erase DST & RT data.



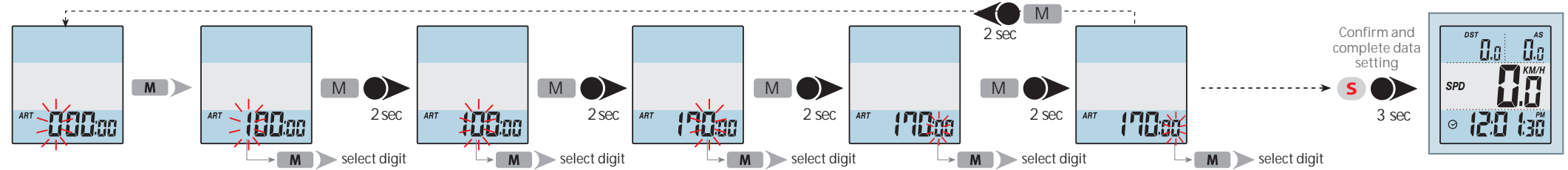
3 SETUP 12/24 hr CLOCK



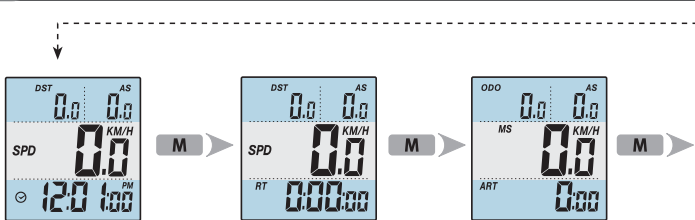
4 SETUP ODO (ACCUMULATED DISTANCE)



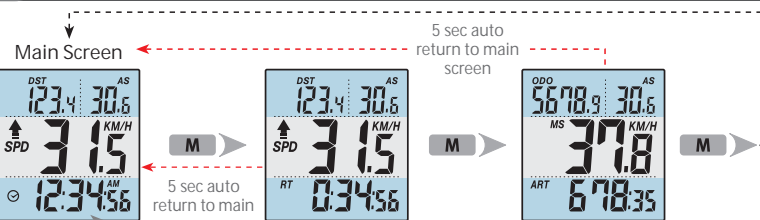
5 SETUP ART (ACCUMULATED RIDING TIME)



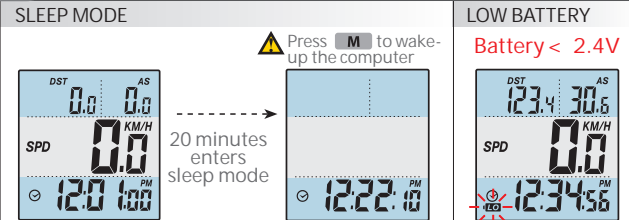
6 SCREEN DISPLAY (NON RIDING STATUS)



7 SCREEN DISPLAY (RIDING STATUS)

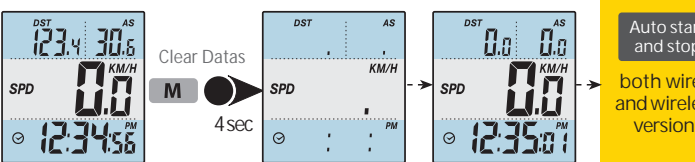


8 IMPORTANT NOTES

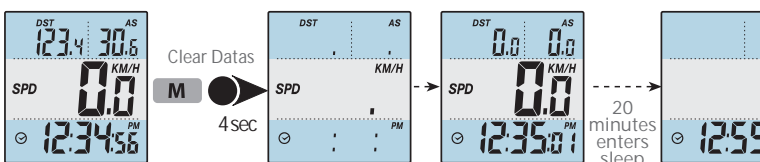


8 IMPORTANT NOTES (CONTINUED)

A). BEFORE RIDING (IN WAKE-UP MODE)



B). BEFORE RIDING (IN SLEEP MODE)

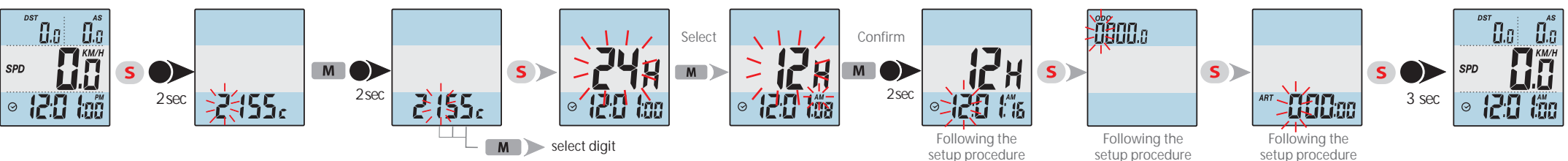


START RIDING

LOCK MODE



9 QUICK SETUP (KM/H or M/H selection is not available)

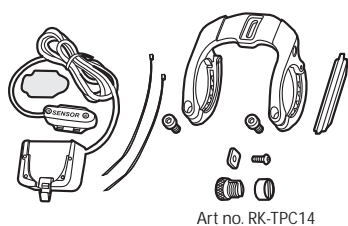


IMPORTANT NOTES

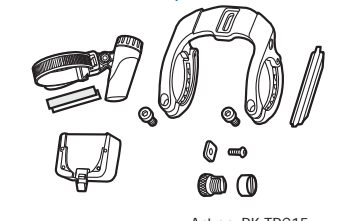
- CLEAR ALL DATA SETTING will clear all stored data.
- CLEAR ALL DATA SETTING is required during FIRST SETUP or BATTERY CHANGE.
- KM/H or M/H selection is only available from CLEAR ALL DATA SETTING.
- Before changing battery, write down stored data ODO and ART. All data will be cleared when replacing the battery however, this computer will allow you to reenter your stored data.
- During non-riding status, if no button is touched for 20 minutes, the screen will go into Sleep Mode. Please press any button to start the computer before riding (for wireless version).
- During non-riding status, press S will lock the screen. Please press S again to unlock the screen before riding.

UPGRADE KIT

Panoram V10x (WIRED)

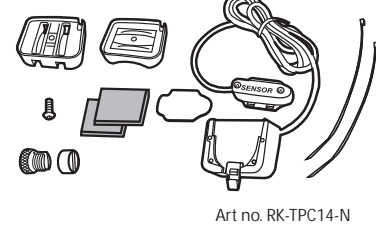


Panoram V10 (WIRELESS)

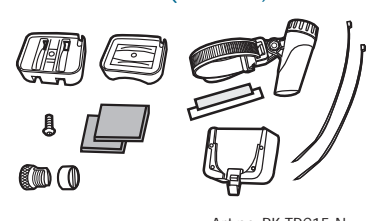


REBUILD KIT

Panoram V10x (WIRED)



Panoram V10 (WIRELESS)



WARRANTY

2-year Warranty: All electronic and mechanical components against manufacturer defects only. Batteries are not covered under any implied warranty.

Warranty Claim Requirements
To obtain warranty service, you must have your original sales receipt. Items returned without a sales receipt will assume that the warranty begins on the date of manufacture. All warranties will be void if the product is damaged due to user crash, abuse, system alteration, modification, or used in any way not intended as described in this operating manual.

*The specifications and design are subject to change without notice.

Please contact your Topeak dealer with any questions. For USA customer service call: 1-800-250-3068
www.topeak.com

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M-TPC14-15-GB 02/11

OPTIONAL SPARE PARTS

(INSTALLATION FOR DUAL AND SINGLE LIGHT)

