CONTINUUM 9W WIRELESS CYCLE COMPUTER

EN (Please refer graph)

9 functions & features

9 Functions

1. 12/24 Hour digital clock
2. Speed meter 0~99 mile/h (km/h)
3. Trip distance 0~99.9 mile/h (km/h) (restart from 0)
4. Riding time 0~99:59 (restart from 0)
5. Average speed 0~99.9 mile/h (km/h)
6. Maximum speed 0~99.9 mile/h (km/h)
7. Visual Alarm 0:00:00~23:59:59
8. Odometer 0~9999 mile/h (km/h) (restart from 0)
9. Calories 0~9999 kcal) (restart from 0)

Other Features:

1. MPH(W:0~350Lbs)KPH(W:0~160Kgs)Selection
2. Auto power saving
3. Weak battery detection
4. Transmitter motion LED indication
5. Rechrckable,Wide wheel size input (100~3899mm)
6. Large,easy to read LCD display
7. Replaceable color rubber case
8. Resettable odometer
9. Wheel circumference
10. Auto start/stop function
11. Water resistance

12. Dual LCD display
13. 3V Lithium battery of meter & transmitter
14. Compatible to most size fork
15. LED Backlight

Accessories & Attachment

1. 9 Function Wireless meter
2. Wireless speed sensor
3. Bracket
4. Rubber pad for bracket
5. Rubber pad for speed sensor
6. Battery cover & rubber o-ring x2 (meter & speed sensor)
   ,Adhesive on the meter and sensor.
7. 3V Lithium battery x2 (meter & speed sensor)
8. Irreversible cable tie x4 (meter x2 & speed sensor x2)
9. Replaceable color rubber case (adhesive on the meter)
10. Magnet set

Preparation:

Meter and sensor battery installation
Turn the unit cover,insert lithium battery as illustrated,place the battery into the case and close the cover. Secure it by using a coin to turn the cover hole.

NOTE: When in Full display,press any button to enter

Measuring and display function

Current speed is displayed on the top line in clock/riding time /ODO/alarm/alarm mode.

Main unit setup

Press any key to begin programming (All clear display)
(U) Unit Selection :KM/KG(0~160Kgs) or Mile/LB(0~350Lbs)
   KG:default value 45KG   LB:default value 100 Lbs
1. Press (M) to choose KM/H or weight unit : KG
2. Press (ADJUST/LIGHT) to choose M/H or LB,Default at KM/H and KG.
3. Press (S) for next setting or exit.

NOTE: When in Full display,press any button to enter

:current speed displayed 0-99 mile/h (kmh)
:12 / 24 hour clock is displayed.
DST:Trip distance is recorded automatically when the wheel is turning 0-99.9 mile/h (km/h)
RTM:Elapsed time is displayed (0 - 99:59)
AVG:Average speed is calculated and displayed 0-99.9 mile/h (km/h)
MAX:Maximum speed is stored,updated and displayed 0-99.9 mile/h (km/h)
ALM:flash 30 minute on LCD display.
   For example, reminder to hydrate or apply sunblock.
ODO:Total distance(odometer) is displayed 0-9999 mile/h (kmh)
CAL:Calorie calculated and displayed in riding time 0-9999 Kcal
   LED back light:3-5 second LED back light displayed.

(O) Odometer setting

IMPORTANT: All data will be cleared when replacing battery.
1. Press ADJUST/LIGHT key to set value
2. Press Mode Key to adjust value and so on.
3. Press SET key for next setting or exit.

Note:

IMPORTANT: Record the ODO data before you remove the old battery. In DST mode,press SET key to recheck wheel circumference value.

Clock setting

Clock is displayed in Clock /DST/AVG/MAX mode
Press Mode key to clock mode, hold SET key 3 seconds in enter setting
In clock mode, if display time is in 12h format
1. Press ADJUST/LIGHT key to switch between 12h/24h
   Press Mode key for next value

2. Align tire value at 0 cm on measuring tape (Weight of rider can affect wheel circumference,with rider on the bike can provide more accurate measurement)
3. Roll the wheel in a straight line and mark the measurement when the valve stem is perpendicular to the ground again.
4. Record and enter the value.
5. Wheel circumference defaults at 2155mm, refer to wheel circumference table or input your measured value.
6. Press ADJUST/LIGHT key to set value.
7. Press Mode Key to adjust value and so on.
8. Press SET key for next setting or exit.

Note: Wheel circumstance can affect speed calculation.

Set Alarm

Press Mode key to ALM,press SET key button for 3 seconds enter setting.
In clock mode, if select display time in 12h format,to set AM/PM
1. Press ADJUST/LIGHT key to set value
2. Press Mode Key to adjust value and so on
3. Press (SET) to complete setting
4. Press (SET) to activate alarm. Alarm symbol shall display on the top of meter screen
5. Press MODE key for next function

Note:

1. Reminder to hydrate or apply sunblock.
2. When reach preset time,screen flash in 2 times per second full display every 2 sec.
3. Continuous flash automatically stop after 30 min.,or press Mode key to turn off.
4. When alarm symbol displays,preset time is set in meter.
5. Alarm flash continuous after stop riding.
6. To turn off setting,press SET key. Alarm symbol disappears on meter screen.

Mounting: Sensor / Magnet

1. Attach the magnet on the right spoke of the front wheel as illustrated,(as high as possible)
2. Measure the most suitable sensor zone position to across from the magnet,referring to the illustration.
3. Attach the sensor and rubber pad to the right side of the right fork leg, lightly fasten the cable ties to the two holes on the speed sensor, this allows position adjustment of the speed sensor as shown.
4. Measure the optimum position for the speed sensor, securing it with the cable ties. Align the speed sensor to the wheel magnet. Keep the distance under 5mm.
5. The antenna position on sensor top should aim at the computer.
6. Spin the front wheel,the transmitter motion LED indicator will flash while the transmitter is in normal operation. If not, check magnet / sensor alignment or change the transmitter battery.
7. The cable tie on the sensor transmitter two side position should aim at the main unit.

Mounting : Wireless sensor

The sensor was designed to receive signals within a limited range to prevent sensor signal interference. To function properly, keep a distance not over 60cm between the computer and the sensor.

2. Press ADJUST/LIGHT key to set value
3. Press Mode Key to adjust value and so on
4. Press SET key to exit

The sensor may needs to be placed at top of front fork and adjust the angle of computer on bike stem for better signal.

Warning:

1. Do not concentrate on meter while riding. Always be sure to ride safely.
2. Periodically check sensor and magnet are securely placed. Also check the bracket is not loose, meter and speed sensor in straight line before riding.

Bracket Cyclecomputer

Mount the meter onto the bracket and secure to handlebar. Place the sensor transmitter and magnet in the highest position possible, not more than the distance of 60CM. If the sensor signal symbol flickers when the front wheel spins, mounting is completed

Note: After tightening and fixing sensor cable tie,cut off the surplus part and trim the edge to avoid being injured.

Reset and Clear All Data

In any mode, press and hold SET and MODE simultaneously for 8 seconds to reset/clear all data.
In mode DST/RTM/AVG/MAX/CAL, press and hold SET key and MODE key simultaneously(less than 3 seconds),
While screen flashing, press MODE key to confirm clear. DST/RTM/AVG/MAX/CAL data will be cleared. Press SET key to cancel,clear. In both cases ODO/TIME/ALM are not reset.
Warning: 1.Removing the battery will erase all data and preset values.

2. After battery replacement, please follow step 4.

Check wheel Circumference

In DST mode, press SET key to view wheel circumference.
Press MODE key or wait for 5 seconds to switch to next setting.

Power saving

To preserve battery, this meter will automatically switch to sleep mode and just displays the clock data when it has not been used for about 5 minutes. The computer will be activated automatically by riding the bike or by pressing the button.

LED Back-light

Press ADJUST/LIGHT key , back-light is on for 3-5 seconds.

Auto Start/Stop

When start/stop riding, meter will automatically start/stop record data.
When flashes, meter will start automatically.

BATTERY CHARGE

1. All data will be cleared when battery is replaced.
2. When replacing a new battery, this meter allows you to re-enter your last ODO reading.
3. Record ODO data BEFORE removal of the old battery.
4. Please use CR2032 battery. Refer to the graph for installation.
5. After battery is placed and screen in all display, press any key to begin setting.

Button function

divided into two function:

function phase:

Mode key:press the Mode key to cycle through the modes

which mark shifts in the meter sequence and the recorded data is simultaneously displayed on the high light.

SET key:set button
ADJUST/LIGHT key: start the LED back light is at working

Setting Phase

ADJUST/LIGHT key:to switch between value
Mode key:edit value
SET key:switch to next setting or exit(on meter back side).

Display delay:weather is too cold below 0℃ or too hot over 50℃.
Incorrect Calories value:incorrect weight setting or unit
No Back-light or too dark:battery run down

Trouble shooting

Black display: Temperature is too hot or too cold.
   :Exposed in direct sunlight too long.
No Display: Battery not installed or installed incorrectly / battery run down
Display fades:battery shortage
Irregular data appears:incomplete setting/incorrect transmitter battery run down/too much magnetic interference
No Current Speed appears:incomplete setting/incorrect clearance and-or distance between sensor and meter/incorrect wheel circumference/speed sensor not point to meter / weak battery/magnetic interference
Fail to Start/Stop:is in ODO mode or setting phase not ready.
Wrong value: Execute ALL CLEAR/weak battery speed sensor /magnet interference

Nearby any objects emitting electromagnetic waves (railway tracks,transmitting stations for television,digital LED light or other wireless speed sensor ....etc.)
Keep the unit away from any object that may be causing interference,andreset the data.
meter loose:bracket and meter mounted improperly or bracket damaged or unsecured.
Display delay:weather is too cold below 0℃ or too hot over 50℃.
Incorrect Calories value:incorrect weight setting or unit
No Back-light or too dark:battery run down

Specification

1. Lithium Battery CR2032X2 / Sensor & meter : Lithium Battery CR2032
2. Battery Life:about 1 year (used for 1 hour/day, without turning on backlight)
3. This is the average figure of being used under 20℃ temperature and transmission distance in 60CM.
4. The factory-loaded battery life might be shorter if back light is frequently used.
5. Controller:4 bite 1 chip microcontroller. (crystal controlled oscillator)
6. Display...HTN liquid crystal display
7. Sensor...magnetic sensor
8. Wheel circumference range:100mm-3899mm (Default value 2155mm)
9. Body Weight:0-350LBS & 0-160KG (KG default value

45KGS/ pound default at 100 LBS)
10. Operating temperature:0℃ -40℃(32℉~ 104℉)
11. Dimension.Weight....48X48X17mm / 25 - 30 gs
12. Battery life can vary depending on use and conditions such as environment, temperature, application, length of use, etc. Above information is factory standard. Please follow this user manual to maintain best performance.
13. The specification and design are subject to change without notice.

Maintenance

To clean the computer and accessories: moisten a soft cloth in water, wipe clean, then wipe with a dry cloth. Inspect installation and magnet location for proper position and signal.

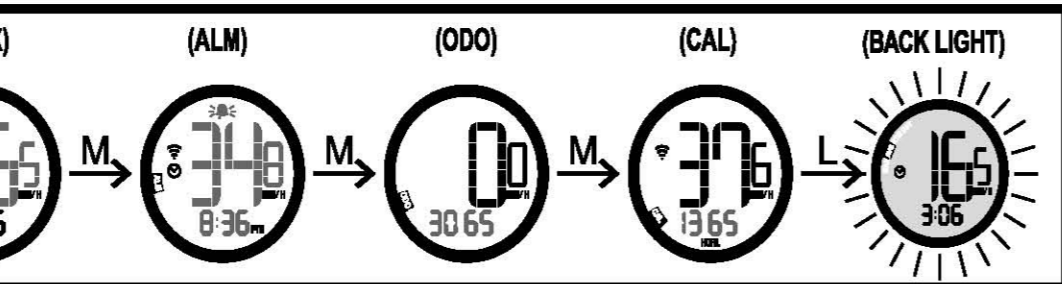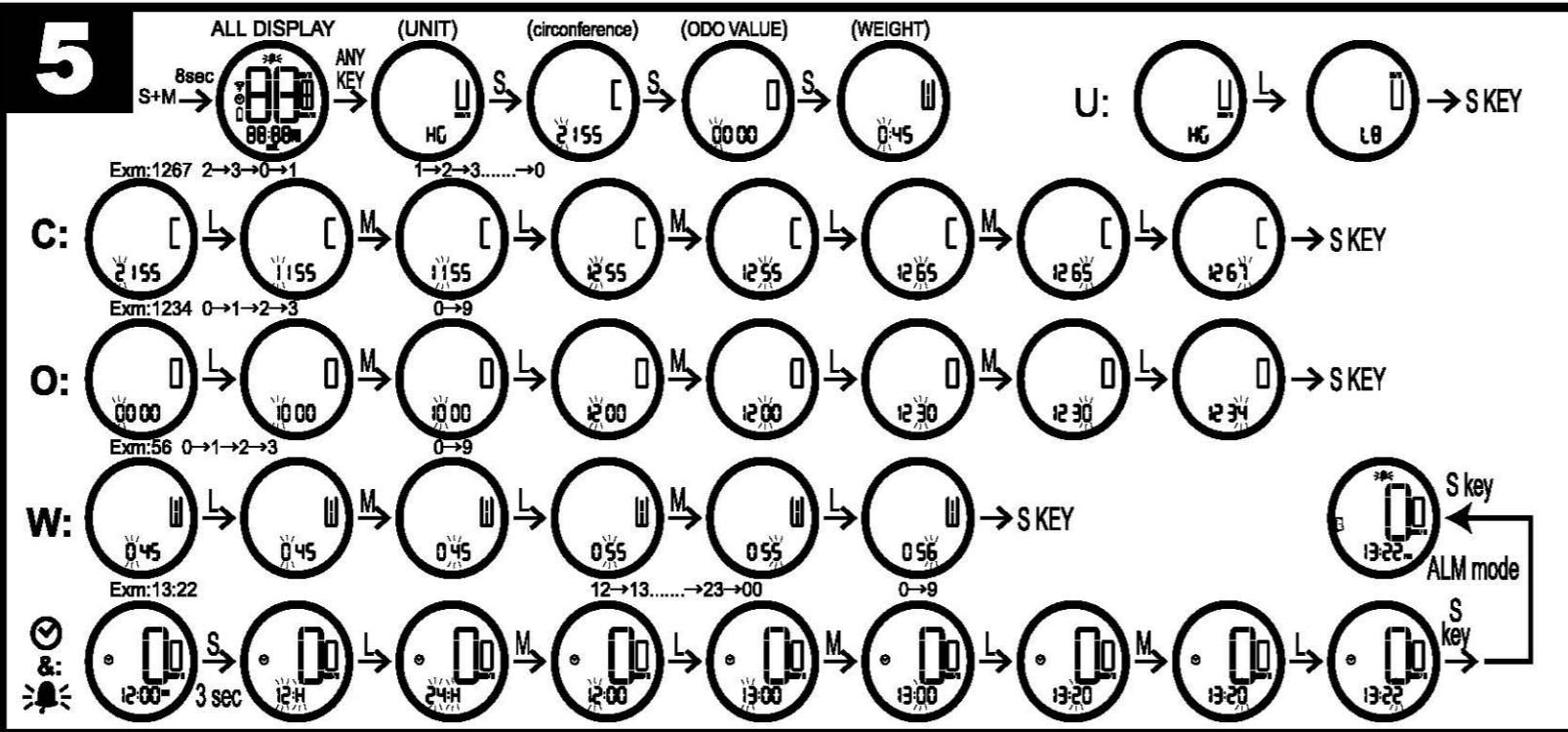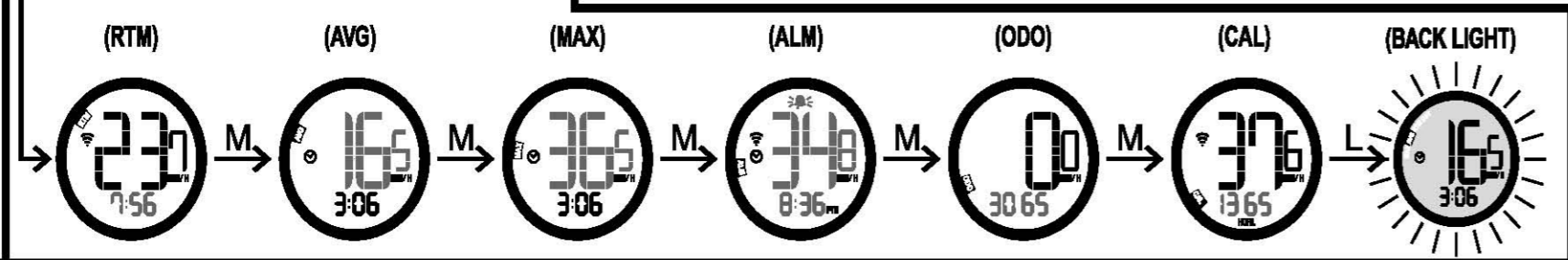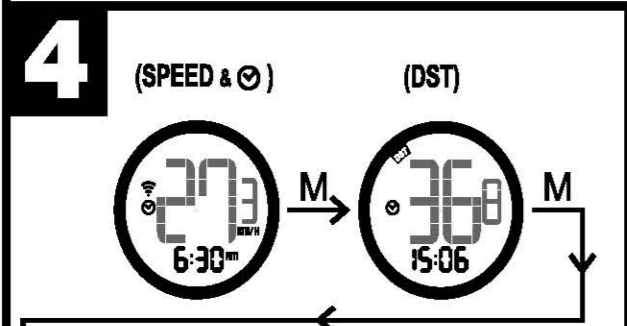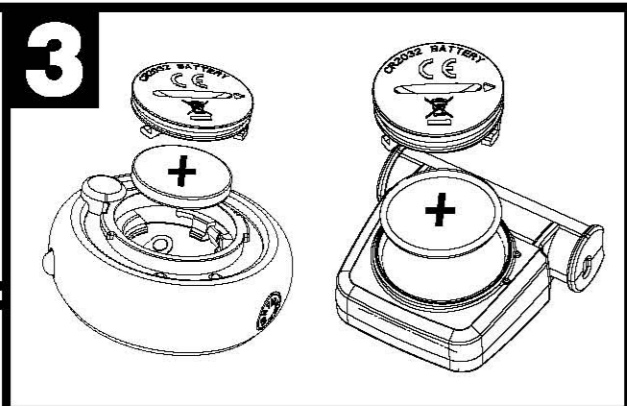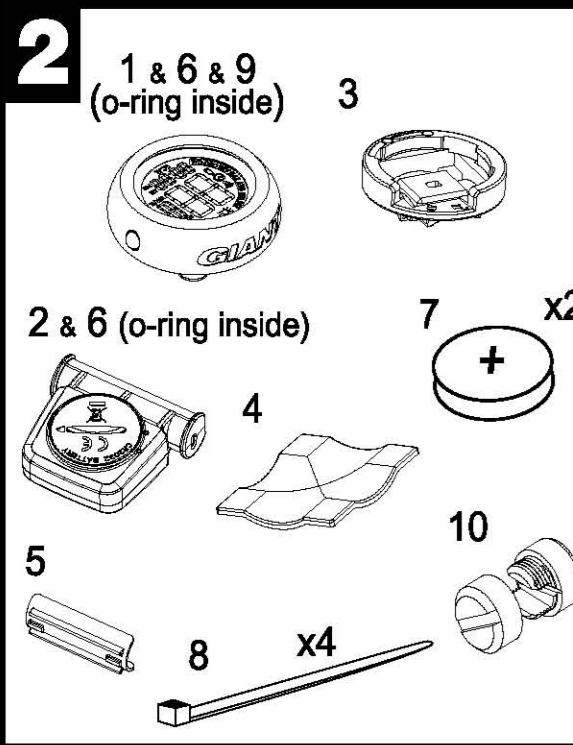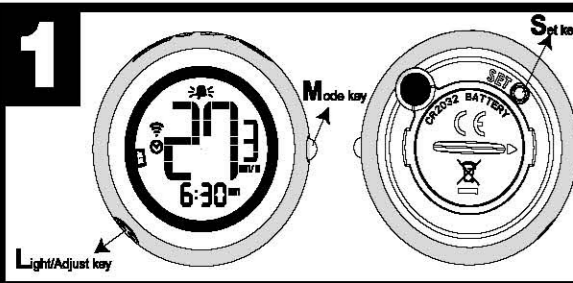**Warranty**

1. 1 year warranty on computer and sensor only
2. If the product fails to work due to normal use, meter and sensor will be repaired or replaced at no charge.
3. To return the product, pack it carefully and enclose the warranty certificate (proof of purchase) with instruction for repair. Please write or type your name/address/contact, Insurance, handling and transportation charge shall be borne by person desiring service.
4. This warranty does not apply to product failure caused by accidents,abuse,mishandling,improper installation,alteration, acts of nature,improper usage or problems with electrical power. In addition,opening or tampering with the product casing or any physical damage,abuse or alteration to the product's surface will also avoid the product warranty.

Have a safe and fun ride!

Precaution:

1. This meter can be used in the rain but should not be started or used under water.
2. Don't leave the main unit exposed to direct sunlight when not riding the bike.
3. Don't disassemble the main unit or it's accessories.
4. Check relative position and gap of sensor and magnet periodically.
5. Check relative position of sensor and magnet periodically.
6. Don't use thinner, alcohol or benzine to clean the main unit or its accessories when they become dirty.
7. Follow local regulation on battery disposal. Consult a doctor immediately if a battery is swallowed.
8. DO NOT concentrate on computer while riding. Safety first.
9. Care for the Earth. Please recycle used batteries to designated place.
10. After computer adjustment, check sensor signal again.

http://www.giant-bicycles.com

1

S key
M(ode) key
Light/Adjust key

2

1 & 6 & 9 (o-ring inside) 3
2 & 6 (o-ring inside)
7 x2
4
5
8 x4
10

3

4

(SPEED & ⏱) (DST)
M | M
(RTM) (AVG) (MAX) (ALM) (ODO) (CAL) (BACK LIGHT)
M → M → M → M → M → L

5

ALL DISPLAY (UNIT) (circonference) (ODO VALUE) (WEIGHT)
S+M 8sec | ANY KEY | S | M | M
U: → S KEY

C: Exm:1267 2→3→0→1 → M → S → M → M → M → S KEY
1→2→3......→0 0→9

O: Exm:1234 0→1→2→3 → M → S → M → M → M → S KEY
0→9

W: Exm:56 0→1→2→3 → M → S → M → M → M → S KEY
0→9

⏱: Exm:13:22 → M → S → M → M → M → S key
12→13......→23→00 0→9
ALM mode

⏰: → S → M → M → M → M → M → S key
3 sec

5a

2nd ← 1st

Popular Tires Circumference Reference Table

Popular Tires Circumference Reference Table	
Tire Size	**Circumference No.**
18 inch	1436 mm
20 inch	1596 mm
22 inch	1759 mm
24 x 1.75	1888 mm
24 inch	1916 mm
24 x 1 3/8	1942 mm
26 x 1.40	1995 mm
26 x 1.50	2030 mm
26 x 1.75	2045 mm
26 x 1.95	2099 mm
26 x 2.1	2133 mm
700C TUBULAR	2117 mm
700x20C	2092 mm
700x23C	2112 mm
700x25C	2124 mm
700x26C	2136 mm
700x32C	2155 mm
700x35C	2164 mm
700x36C	2174 mm
27.5 inch	2193 mm
28 inch(700B)	2234 mm
28.6 inch	2281 mm

6

YES! NO!
Max 60cm
5 mm MAXI!

7

or
CLIC
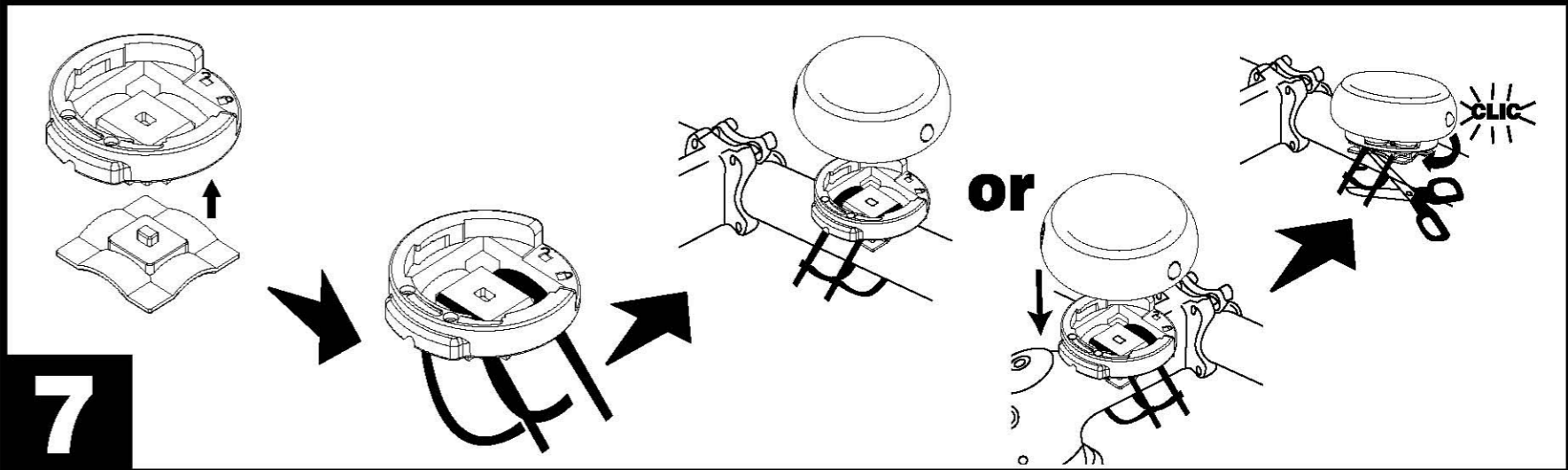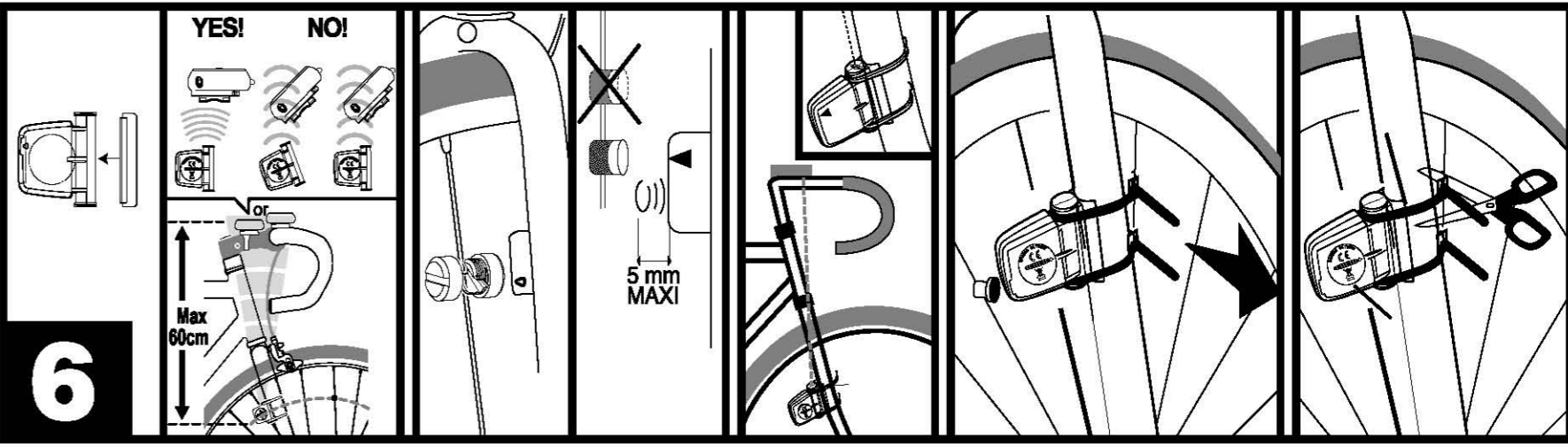
Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting.

" This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. "