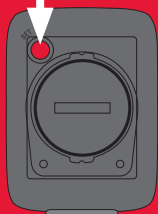




## FIRST START

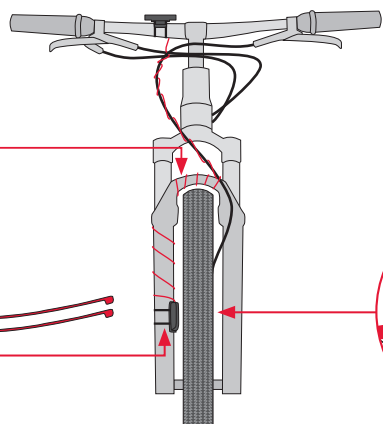
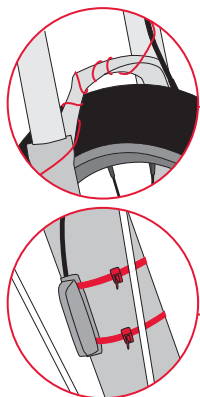
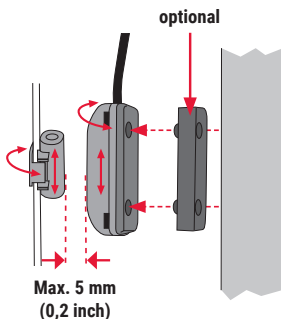
Press 5 sec.



Battery already installed / Batterie bereits eingebaut /  
Pile déjà installée / Batteria già installata /  
Batería ya instalada / Batería já instalada /  
Batterij reeds geïnstalleerd / Bateria już zainstalowana /  
Baterie je již nainstalována

## INSTALLATION WIRED SPEED SENSOR

WIRED

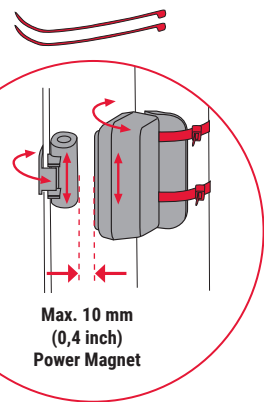
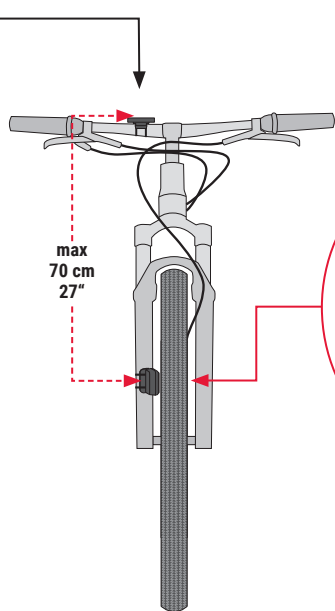
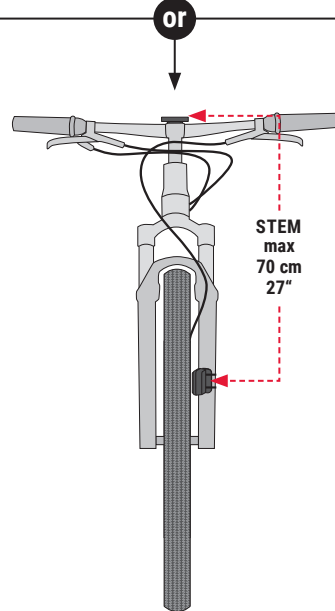
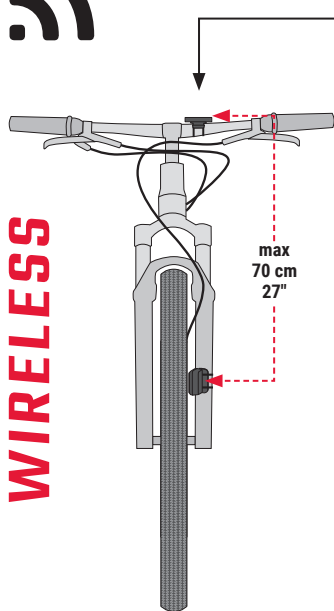
Spoke/  
Speiche

## INSTALLATION WIRELESS SPEED TRANSMITTER

Emission frequency: 112 kHz, Max power &lt; 11.37 dBm



WIRELESS

Transmitter parallel  
to wheel /Funk-Sender  
parallel zum Rad

## INSTALLATION

## CONTENTS

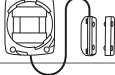
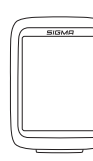
## BC 8.0 wired

1 + 2 + 3

BC 8.0

1 Cable mount  
Art.-Nr. 005302 Magnet  
Art.-Nr. 00537

3 Cable ties



## BC 8.0 wireless

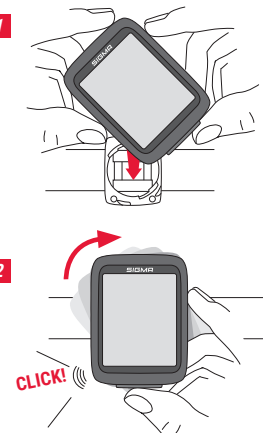
3 + 4 + 5 + 6

BC 8.0 WL

4 Speed transmitter  
Art.-Nr. 005405 Mount  
Art.-Nr. 005346 Power Magnet  
Art.-Nr. 00538

1

2



## TECHNICAL DATA

## EN Computer WIRED:

- Battery type: CR 2032, 3V
- Battery life: 3 years  
(When used for 1 hour per day)

## Computer WIRELESS:

- Battery type: CR 2032, 3V
- Battery life: 2 years  
(When used for 1 hour per day)

## Transmitter:

- Battery type: CR 2032, 3V
- Battery life: 1.5 years  
(When used for 1 hour per day)

## DE Computer KABELGEBUNDEN:

- Batterietyp: CR 2032, 3V
- Batterie Lebensdauer: 3 Jahre  
(Bei einer Benutzung von 1 Stunde pro Tag)

## Computer KABELLOS:

- Batterietyp: CR 2032, 3V
- Batterie Lebensdauer: 2 Jahre  
(Bei einer Benutzung von 1 Stunde pro Tag)

## Sender:

- Batterietyp: CR 2032, 3V
- Batterie Lebensdauer: 1,5 Jahre  
(Bei einer Benutzung von 1 Stunde pro Tag)

## FR Compteur AVEC FIL :

- Type de pile : CR 2032, 3V
- Autonomie : 3 ans  
(1 heure d'utilisation par jour)

## Compteur SANS FIL :

- Type de pile : CR 2032, 3V
- Autonomie : 2 ans  
(1 heure d'utilisation par jour)

## Emetteur :

- Type de pile : CR 2032, 3V
- Autonomie : 1,5 an  
(1 heure d'utilisation par jour)

## IT Computer DOTATO DI CAVI:

- Tipo di batteria: CR 2032, 3V
- Durata della batteria: da 3 anni  
(a fronte di un utilizzo di 1 ora al giorno)

## Computer SENZA CAVI:

- Tipo di batteria: CR 2032, 3V
- Durata della batteria: 2 anni  
(a fronte di un utilizzo di 1 ora al giorno)

## Sensore:

- Tipo di batteria: CR 2032, 3V
- Durata della batteria: 1 anno e mezzo  
(a fronte di un utilizzo di 1 ora al giorno)

## ES Ordenador CON CABLE:

- Tipo de batería: CR 2032, 3V
- Duración de la batería: 3 años  
(Con un uso de 1 hora diaria)

## Ordenador INALÁMBRICO:

- Tipo de batería: CR 2032, 3V
- Duración de la batería: 2 años  
(Con un uso de 1 hora diaria)

## Transmisor:

- Tipo de batería: CR 2032, 3V
- Duración de la batería: 1,5 año  
(Con un uso de 1 hora diaria)

## PT Computador COM FIOS:

- Tipo de pilha: CR 2032, 3V
- Vida útil da pilha: entre 3 anos  
(numa utilização de 1 hora por dia)

## Computador SEM FIOS:

- Tipo de pilha: CR 2032, 3V
- Vida útil da pilha: 2 anos  
(numa utilização de 1 hora por dia)

## Transmissor:

- Tipo de pilha: CR 2032, 3V
- Vida útil da pilha: 1,5 anos  
(numa utilização de 1 hora por dia)

## PL Komputer PRZEWODOWY:

- Typ baterii: CR 2032, 3 V
- Żywotność baterii: 3 lat  
(przy użytkowaniu przez 1 godzinę dziennie)

## Komputer BEZPRZEWODOWY:

- Typ baterii: CR 2032, 3 V
- Żywotność baterii: 2 lat  
(przy użytkowaniu przez 1 godzinę dziennie)

## Nadajnik:

- Typ baterii: CR 2032, 3 V
- Żywotność baterii: 1,5 roku  
(przy użytkowaniu przez 1 godzinę dziennie)

## NL Computer MET KABEL:

- Batterijtype: CR 2032, 3V
- Batterijduur: 3 jaar  
(Bij gebruik van 1 uur per dag)

## Computer ZONDER KABEL:

- Batterijtype: CR 2032, 3V
- Batterijduur: 2 jaar  
(Bij gebruik van 1 uur per dag)

## Zender:

- Batterijtype: CR 2032, 3V
- Batterijduur: 1,5 jaar  
(Bij gebruik van 1 uur per dag)

## CZ Computer S KABELOVÝM PŘIPOJENÍM:

- Typ baterie: CR 2032, 3V
- Životnost baterie: 3 roky  
(při používání 1 hodinu denně)

## BEZDRÁTOVÝ computer:

- Typ baterie: CR 2032, 3V
- Životnost baterie: 2 roky  
(při používání 1 hodinu denně)

## Vysílač:

- Typ baterie: CR 2032, 3V
- Životnost baterie: 1,5 roku  
(při používání 1 hodinu denně)

## EU-DECLARATION OF CONFORMITY

We, SIGMA-ELEKTRO GmbH, Dr.-Julius-Leber-Str. 15, D-67433 Neustadt/Weinstraße declare under our responsibility that the product BC 8.0 WR are compliant with the essential requirements of the EMC Directive 2014/30/EU and the RoHS Directive 2011/65/EU. The declaration of conformity can be found at: [ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)

We, SIGMA-ELEKTRO GmbH, Dr.-Julius-Leber-Str. 15, D-67433 Neustadt/Weinstraße declare under our responsibility that the product BC 8.0 WL and the transmitter ATS2021 are compliant with the essential requirements of the RED Directive 2014/53/EU and the RoHS Directive 2011/65/EU. The declaration of conformity can be found at: [ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

## EU-KONFORMITÄTSERKLÄRUNG

Wir, SIGMA-ELEKTRO GmbH, Dr.-Julius-Leber-Str. 15, D-67433 Neustadt/Weinstraße, erklären, dass der Fahrradcomputer BC 8.0 WR bei bestimmungsgemäßer Verwendung den grundlegenden Anforderungen gemäß der EMC Directive 2014/30/EU und der RoHS Directive 2011/65/EU entspricht. Sie finden die Konformitäts-Erklärung unter folgendem Link: [ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)

Wir, SIGMA-ELEKTRO GmbH, Dr. Julius Leber Str. 15, D-67433 Neustadt/Weinstraße erklären, dass der Fahrradcomputer mit Funkübertragung BC 8.0 WL und der Sender ATS2021 bei bestimmungsgemäßer Verwendung den grundlegenden Anforderungen gemäß RED Directive 2014/53/EU und der RoHS Directive 2011/65/EU entsprechen. Sie finden die Konformitäts-Erklärung unter folgendem Link: [ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

## LEGAL STATEMENTS

## FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT



Caution: If any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The RF Exposure Compliance distance is 5 millimeters.

NOTE: 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 or more 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 ID ATS2021: M5LATS2021

## INDUSTRY CANADA STATEMENT



This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3(B)/NMB-3(B)

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) il ne doit pas produire de brouillage et
- (2) l'utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

CAN ICES-3(B)/NMB-3(B)

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 5 millimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 5 millimètres entre le radiateur et votre corps.

## UKCA STATEMENT



## Wireless Model

We, SIGMA-ELEKTRO GmbH, declare that the equipment above has been tested in our facility and found compliance with the requirement limits of applicable standards, in accordance with the Radio Equipment

Regulations 2017 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate under the standards herein specified.

## Wired Model

We, SIGMA-ELEKTRO GmbH, declare that the equipment above has been tested in our facility and found compliance with the requirement limits of applicable standards, in accordance with the Electromagnetic Compatibility Regulations 2016 and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate under the standards herein specified.

## CE INFORMATION

EN You can find the CE declaration at:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

DE Sie finden die Konformitäts-Erklärung unter folgendem Link:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

FR Vous trouverez la déclaration CE à l'adresse :  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

IT La dichiarazione CE è disponibile all'indirizzo:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

ES Puede encontrar la declaración de conformidad CE en:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

PT Poderá encontrar a declaração CE em:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

NL U kunt de CE-certificering vinden op:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

PL Deklaracja CE znajduje się na stronie:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

CZ ES prohlášení najdete na adrese:  
[ce.sigmasport.com/bc80wr](http://ce.sigmasport.com/bc80wr)  
[ce.sigmasport.com/bc80wl](http://ce.sigmasport.com/bc80wl)

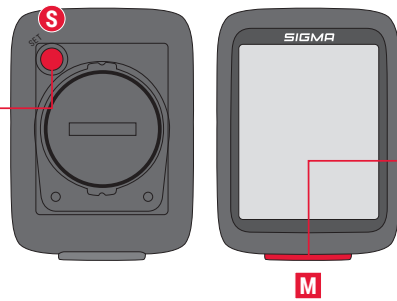
## FUNCTIONS / SETTINGS

### BUTTON OVERVIEW

EN

SET Button: **S**

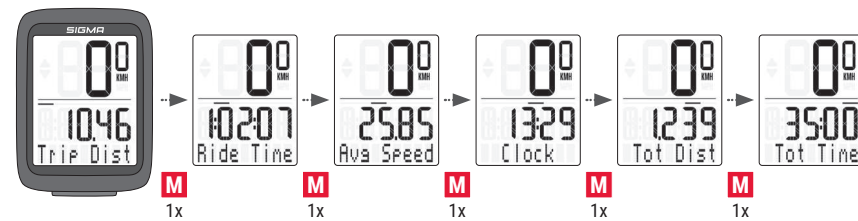
- Long press >3 sec. = Open/Close Settings
- Short press = SET/OK



MENU Button: **M**

- Short press = Toggle/Increase value
- Long press >3 sec. = Reset tour data

### MENU BASIC BIKE FUNCTIONS



### DISPLAY OVERVIEW

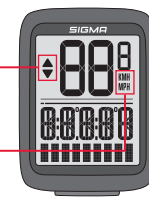
EN

Higher/lower average speed

1

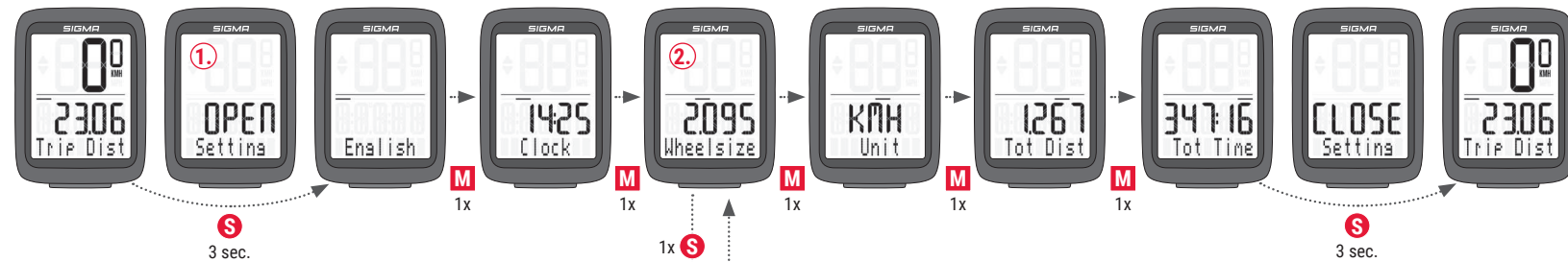
KMH or MPH selected

2



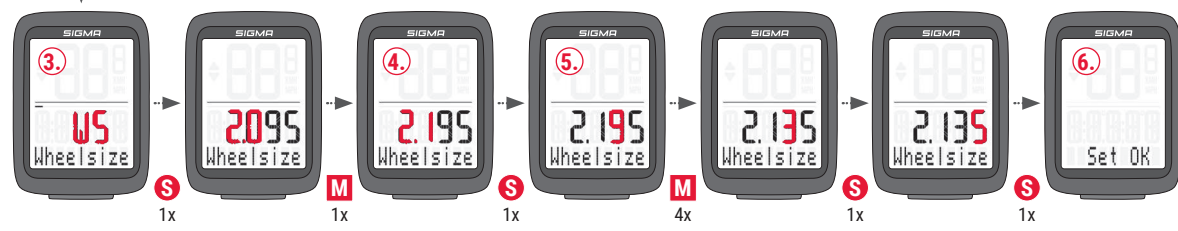
- DE 1: Über/Unter Durchschnittsgeschwindigkeit;  
2: KMH oder MPH
- FR 1: Vitesse moyenne plus élevée/plus basse;  
2: KMH ou MPH sélectionné
- IT 1: Velocità media maggiore/minore;  
2: KMH o MPH selezionati
- ES 1: Velocidad media mayor/menor;  
2: Seleccionado Km/h o Mp/h
- PT 1: Velocidade média superior/inferior;  
2: KMH ou MPH selecionado
- NL 1: Hogere/lagere gemiddelde snelheid;  
2: KMH of MPH geselecteerd
- PL 1: Wyższa/niższa prędkość przeciętna;  
2: Wybrano KM/H lub MPH
- CZ 1: Vyšší/nižší průměrná rychlost;  
2: Vyběr KM/H nebo MILE/H

### SETTINGS MENU

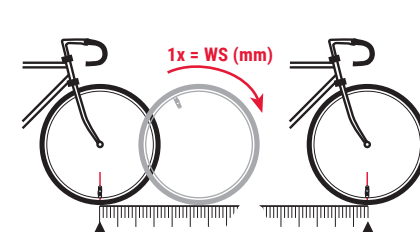


### EXAMPLE OF A SETTING

Setting the wheel size:



### CHOOSE YOUR SPECIFIC WHEEL SIZE / WÄHLE DEINE SPEZIFISCHE RAGRÖSSE



km/h:  
WS = mm  
mph:  
WS = mm  
Note: 1 inch = 25.4 mm

EXAMPLE VALUE: 2135 mm

|       | mm   | inch |
|-------|------|------|
| 16"   | 1253 | 49,3 |
| 18"   | 1411 | 55,6 |
| 20"   | 1590 | 62,6 |
| 22"   | 1770 | 69,7 |
| 24"   | 1907 | 75,1 |
| 26"   | 2085 | 82,1 |
| 27"   | 2195 | 86,4 |
| 27.5" | 2180 | 85,8 |
| 28"   | 2200 | 86,6 |
| 29"   | 2300 | 90,5 |
| 700C  | 2095 | 82,5 |

### EN EXAMPLE OF SETTING PROCEDURE:

1. Open settings: Press and hold **S** button > 3 sec. until settings open.
2. Choose the relevant page: Press **M** button until desired value is displayed.
3. Open submenu: Press 1x **S** button.
4. Change value: Press **M** button until desired value is displayed.
5. Confirm chosen value: Press 1x **S** button.  
Note: Do steps No. 4 and No. 5 until the submenu is closed „Set Ok”. You are now back in the Settings Menu.
6. Close settings: Press and hold **S** button > 3 sec.

### IT ESEMPIO DI PROCEDURA DI IMPOSTAZIONE:

1. Aprire le impostazioni: tenere premuto il pulsante **S** > 3 sec. finché non si aprono le impostazioni.
2. Selezionare la pagina pertinente: premere il pulsante **M** finché non viene visualizzato il valore desiderato.
3. Aprire il sottomenu: premere 1x il pulsante **S**.
4. Modificare il valore: premere il pulsante **M** finché non viene visualizzato il valore desiderato.
5. Confermare il valore selezionato: premere 1x il pulsante **S**.  
Nota: eseguire i passaggi n. 4 e n. 5 finché il sottomenu non si chiude „Set Ok”. Ora si è tornati al menu impostazioni.
6. Chiudere le impostazioni: tenere premuto il pulsante **S** > 3 sec.

### NL VOORBEELD VAN INSTELPROCEDURE:

1. Open instellingen: **S**-knop > 3 seconden ingedrukt houden totdat de instellingen openen.
2. Kies de relevante waarde: druk op de **M**-knop totdat de gewenste waarde wordt weergegeven.
3. Open submenu: druk 1 keer op de **S**-knop.
4. Wijzig waarde: druk op de **M**-knop totdat de gewenste waarde wordt weergegeven.
5. Bevestig de gekozen waarde: druk 1 keer op de **S**-knop.  
Opmerking: voer de stappen nr. 4 en nr. 5 uit totdat het submenu is gesloten „Set Ok”. Je bent nu terug in het instellingenmenu.
6. Druk op instellingen: houd de **S**-knop > 3 seconden ingedrukt.

### DE BEISPIEL EINSTELLVORGANG:

1. Einstellungen öffnen: Zum Öffnen der Einstellungen die **S**-Taste länger (> 3 Sek.) drücken.
2. Die entsprechende Seite auswählen: Die **M**-Taste solange drücken, bis der gewünschte Wert erscheint.
3. Untermenü öffnen: 1x **S**-Taste drücken.
4. Wert ändern: Die **M**-Taste drücken, bis der gewünschte Wert angezeigt wird.
5. Den gewählten Wert bestätigen: Die **S**-Taste 1x drücken.  
Anmerkung: Wiederholen Sie die Schritte 4 und 5, bis das Untermenü geschlossen ist „Set Ok”. Sie befinden sich nun wieder im Einstellungs Menü.
6. Einstellungen schließen: Die **S**-Taste länger (> 3 Sek.) drücken.

### ES EJEMPLO DE CÓMO SE AJUSTA:

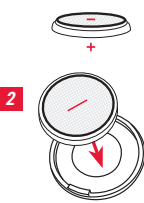
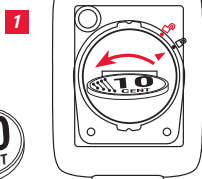
1. Abrir los ajustes: pulsa y mantén pulsado el botón **S** > 3 seg. hasta que se abran los ajustes.
2. Abrir una página específica: pulsa el botón **M** hasta que se muestre el valor deseado.
3. Abrir un submenú: pulsa una vez el botón **S**.
4. Cambiar valor: pulsa el botón **M** hasta que aparezca el valor deseado.
5. Confirmar el valor seleccionado: pulsa una vez el botón **S**.  
Nota: completa los pasos n.º 4 y 5 hasta que se cierre el submenú „SET Ok”. Al hacerlo se volverá al menú de Ajustes.
6. Cerrar ajustes: pulsa y mantén pulsado el botón **S** durante > 3 seg.

### PL PRZYKŁAD PROCEDURY USTAWIANIA:

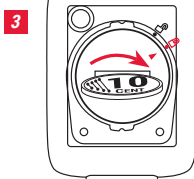
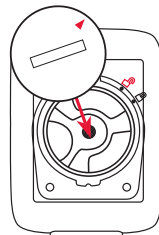
1. Otwórz ustawienia: naciśnij i przytrzymaj przycisk **S** przez ponad 3 sekundy do momentu otwarcia menu ustawień.
2. Wybierz właściwą zakładkę: naciskaj przycisk **M** do momentu wyświetlenia poszukiwanej wartości.
3. Otwórz podmenu: jeden raz naciśnij przycisk **S**.
4. Zmień wartość: naciskaj przycisk **M** do momentu wyświetlenia poszukiwanej wartości.
5. Potwierdź wybraną wartość: jeden raz naciśnij przycisk **S**.  
Uwaga: wykonuj kroki 4 i 5, aż podmenu zostanie zamknięte „Set Ok”. Znajdziesz się ponownie w menu ustawień.
6. Zamknij ustawienia: naciśnij i przytrzymaj przycisk **S** przez ponad 3 sekundy.

### BATTERY CHANGE

BC 8.0 WR/WL



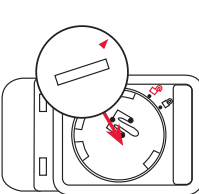
Battery: CR 2032



SPEED TRANSMITTER (BC 8.0 WL)



Battery: CR 2032



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