

CAT EYE ENDURO 2 CAT EYE MITY 3

CYCLOCOMPUTER
CC-ED200 [with Heavy Duty Wire]
CC-MT300 [with Normal Wire]



U.S. Pat. Nos. 4633216/4642606/5236759/5226340/5264791
Pat. and Design Pat. Pending
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CCMED2/MT3-981116 Printed in Japan 0687460 3

LIMITED WARRANTY

1-Year Warranty for Main Unit Only

(Accessories/Attachments and Battery Consumption excluded)

If trouble occurs during normal use, the part of the Main Unit will be repaired or replaced free of charge. The service must be performed by Cat Eye Co., Ltd. To return the product, pack it carefully and remember to enclose the warranty certificate with instruction for repair. Please write or type your name and address clearly on the warranty certificate. Insurance, handling and transportation charges to our service shall be borne by person desiring service.

(Address for service)

CAT EYE CO., LTD.

2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka 546-0041 Japan
Attn.: CAT EYE Customer Service Section

Service & Research Address for United States Consumers:

CAT EYE Service & Research Center

1705 14th St. 115 Boulder, CO 80302

Phone : 303-443-4595 Toll Free : 800-5CATEYE
Fax : 303-473-0006 e-mail : CatEyeUSA@aol.com

GARANTIE LIMITEE

1 An de Garantie Unité Principale Uniquement

(à l'exclusion des accessoires et de la pile)

Le produit est garanti, sous réserve d'une utilisation normale, pendant une période d'un an. Les réparations effectuées dans le cadre de la présente garantie sont gratuites et doivent être effectuées par CAT EYE Co., Ltd. Le produit à réparer doit être retourné à CAT EYE Co., Ltd. directement par l'acheteur. Tout produit retourné au département de réparation CAT EYE doit être soigneusement emballé et le certificat de garantie ainsi que les instructions de réparation doivent accompagner le produit. Il est conseillé à l'acheteur de décrire lisiblement ou de dactylographier ses nom et adresse sur le certificat de garantie, afin que le produit lui soit directement retourné après réparation. Le coût de l'assurance ainsi que les frais de manutention et de transport sont à charge de la personne souhaitant une réparation sous garantie.

(Adresse d'envoi pour réparation)

CAT EYE CO., LTD.

2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka 546-0041 Japon
Attn.: CAT EYE Customer Service Section

GARANTIE

1 Jahr Garantie nur auf den Computer

(Die Zubehör-/Montageartikel und Batterie sind von Garantieleistungen ausgeschlossen)

Falls während des normalen Gebrauchs Fehler auftreten, wird das entsprechende Teil des Computers kostenlos repariert oder ersetzt. Die Reparatur muß von Cat Eye Co., Ltd. durchgeführt werden. Wenn Sie das Gerät einsenden, packen Sie es sorgfältig ein und fügen Sie die Garantiekarte sowie Reparaturhinweise anbei. Achten Sie darauf, Ihren Namen und Ihre Anschrift mit Schreibmaschine oder in Druckbuchstaben deutlich lesbar auf die Garantiekarte zu schreiben. Versicherungskosten und Kosten für den Transport bis zu unserem Kundendienst gehen zu Lasten der Person, die unseren Kundendienst in Anspruch nehmen möchte.

(Anschrift des Kundendienstes)

CAT EYE CO., LTD.

2-8-25 Kuwazu, Higashi Sumiyoshi-ku, Osaka, 546-0041 Japan
Attn.: CAT EYE Customer Service Section

GARANZIA LIMITATA

1 Anno di Garanzia soltanto sull'Unità Principale

(Gli accessori e la pila sono esclusi dalla garanzia)

In caso di problema durante l'impiego normale, l'unità principale verrà riparata o sostituita gratuitamente da Cat Eye Co., Ltd. Al momento del ritorno del prodotto occorre imballarlo con cura allegandovi il certificato di garanzia con le istruzioni per le riparazioni. Il nome e l'indirizzo dell'acquirente devono essere presenti in modo leggibile sul certificato di garanzia. Le spese di assicurazione, di manutenzione e di spedizione al nostro Servizio Riparazioni saranno a carico del richiedente la riparazione.

(Indirizzo Servizio Riparazioni)

CAT EYE CO., LTD.

2-8-25 Kuwazu, Higashi Sumiyoshi-ku, OSAKA 546-0041, Giappone.
Att: Dipartimento Assistenza Clienti

GARANTIE BEPALINGEN

1 jaar garantie op de computer unit

(bedrading, magneet, sensor, batterij en bevestigingsmateriaal uitgezonderd)

Indien er problemen optreden gedurende normaalgebruik, binnen de garantieperiode, dan geschiedt reparatie of vervanging kosteloos. Dit dient door de fabrikant Cat Eye Co. Ltd. uitgevoerd te worden. De computer moet door de importeur terug gezonden worden. Bij terugzenden van de computer moet deze zorgvuldig verpakt worden en dient het garantiebewijs, de aankoopbon en een beschrijving van het probleem meegezonden te worden. Verzekering- en verzend- en transportkosten zijn voor rekening van de koper.

(Service adres)

CAT EYE CO., LTD.

2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka 546-0041 Japan
Attn.: Cat eye consumer service section

GARANTÍA LIMITADA

1- Año de Garantía Sólo para la Unidad Principal

(Se excluyen Accesorios/Acoplamientos y Batería)

En caso de problemas durante su uso normal, la unidad principal será reparada o reemplazada sin coste alguno. El servicio debe ser realizado por el distribuidor CAT EYE en su país. Para enviar el producto al servicio de reparación, empaquetele primero cuidadosamente y no olvide incluir el certificado de garantía e instrucciones para el servicio de reparación. En el certificado de garantía deberá constar su nombre y dirección completa. Los gastos de seguro, manipulación y transporte o correo deberán correr a cargo de quien solicite dicho servicio.

(Dirección para las reparaciones)

CAT EYE CO., LTD.

2-8-25, Kuwazu, Higashi Sumiyoshi-ku, Osaka 546-0041 JAPAN
ATT: CAT EYE Customer Service Section

Setting Values Cross Reference Table (The tire size is marked on both sides of the tire.)

Table de Correspondance des Valeurs de Réglage (La dimension du pneu figure de chaque côté du pneu)

Wertetabelle zur Einstellung des Radumfanges (die Radgröße entnehmen Sie der Aufschrift des Reifens)

Tabella delle Corrispondenze dei Valori di Regolazione (La dimensione del pneumatico figura su ogni lato del pneumatico)

Tabel voor het bepalen van de wielomtrek (de bandenmaat staat vermeld aan beide zijden van de band)

Tabla de Valores (El tamaño de la rueda está marcado al lado de la llanta)

TIRE SIZE dimension du pneu Radgröße dimensione del pneumatico bandenmaat Tamaño de rueda	L(cm)	TIRE SIZE dimension du pneu Radgröße dimensione del pneumatico bandenmaat Tamaño de rueda	L(cm)	TIRE SIZE dimension du pneu Radgröße dimensione del pneumatico bandenmaat Tamaño de rueda	L(cm)	TIRE SIZE dimension du pneu Radgröße dimensione del pneumatico bandenmaat Tamaño de rueda	L(cm)
20 x 1.75	150	26 x 1-1/8 Tubular	197	27 x 1	215	700 x 25C	211
24 x 1	175	26 x 1-3/8	207	27 x 1-1/8	216	700 x 28C	214
24 x 3/4 Tubular	178	26 x 1-1/2	210	27 x 1-1/4	216	700 x 30C	217
24 x 1-1/8 Tubular	179	26 x 1.40	200	27 x 1-3/8	217	700 x 32C	216
24 x 1-1/4	191	26 x 1.50	199	650 x 35A	209	700C Tubular	213
24 x 1.75	189	26 x 1.75	202	650 x 38A	212	700 x 35C	217
24 x 2.00	192	26 x 1.95	205	650 x 38B	211	700 x 38C	218
24 x 2.125	196	26 x 2.00	206	700 x 18C	207	700 x 44C	222
26 x 1(559mm)	191	26 x 2.1	207	700 x 19C	209		
26 x 1(650c)	195	26 x 2.125	207	700 x 20C	209		
26 x 1.25	195	26 x 2.35	208	700 x 23C	210		

- * The values listed here are not definitive information. Wheel circumference varies with the tire pressure.
- * Les valeurs indiquées sont approximatives. La circonférence de roue varie en fonction de la pression de gonflage du pneu.
- * Die angegebenen Zahlen sind nur Näherungswerte. Der Radumfang kann je nach Reifendruck verschieden sein.
- * De waarden in de tabel zijn niet exact, de wielomtrek is ook afhankelijk van de bandenspanning en het profiel.
- * Las medidas aquí mencionadas no son una información definitiva. La circunferencia del neumático varia con la presión del mismo.

Specifications/Caractéristiques techniques/Technische Daten

Caratteristiche tecniche/specificaties/Especificaciones

Controller/Système de contrôle/Controler/Elaboratore/Controller/Controlador

4-bit 1-chip Microcomputer (Crystal Controlled Oscillator)

Display/Afficheur/Anzeige/Visualizzazione/Display/Pantalla Liquid Crystal Display

Sensor/Détecteur/Sensor/Rivettore/Sensor/Sensor No Contact Magnetic Sensor

Operating Temperature Range/Température d'utilisation/zulässige Betriebtemperatur/Toegestane temp /

Werking temperatuur/Rango de Temperatura de Funcionamiento 0°C - 40°C(32°F - 104°F)

1 69-9730

Heavy Duty Wire and Bracket Sensor Kit

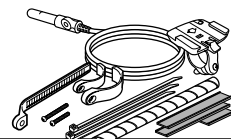
Kit Fil Renforcé, Support et Détecteur

Draht und Halterung/Sensor-Kit für starke Beanspruchung

Kit supporto dell'unità principale e sensore

Dikke draad- en bracketset

Cable resistente y Kit Soporte del Sensor



1 69-9770

Bracket Sensor Kit for Extra Large Fork

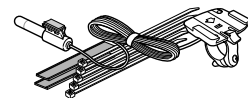
Kit de Montage du collier de Détecteur pour fourche extra large

Halterung und Radsensor für besonders große Gabeln

Kit di Montaggio del collare del Sensore per forcelle "extra large"

Sensor bevestigingsset voor extra dikke vork

Kit abrazadera de sensor para horquilla extra larga



1 69-6560 [# 1 69-6565]

Bracket Sensor Kit [Long]

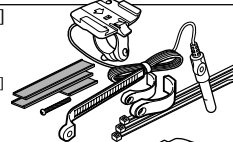
Kit Support et Détecteur [Long]

Halterung/Sensor-Kit [lang]

Kit supporto dell'unità principale e sensore [Lungo]

Draadset [lang]

Kit Soporte del Sensor [Grande]



1 69-6567 [# 1 69-6562]

Center Mount Bracket Kit [Long]

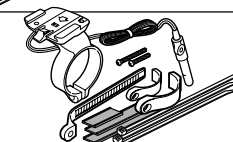
Kit Support pour Montage Central [Long]

Halterungsskit für Mittelmontage [lang]

Kit per montaggio del ciclocomputer al centro del manubrio [Lungo]

Draadset centrale bevestiging [lang]

Kit Soporte para Montaje Central [Grande]



1 69-6568

Bracket Sensor Kit for Aero Bar

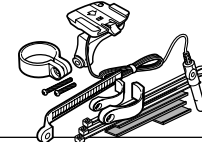
Kit Support et Détecteur pour Barre Aéro

Halterung/Sensor-Kit für Aero-Stange

Kit supporto sensore per ruote Aero

Draadset stuurpen bevestiging

Kit Soporte del Sensor para Manillar Aero



1 69-6569

Stem Mount Bracket Kit

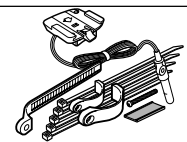
Kit Support pour Montage sur Broche de Guidon

Halterungsskit für Montage am Lenkerschaft

Kit per montaggio sull'attacco del manubrio

Draadset stuurpen bevestiging

Kit Soporte para Montaje en Potencia



1 69-9750

Attachment Kit (for CC-ED200)

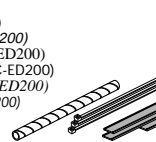
Kit de Garnitures (pour CC-ED200)

Bevestigingsmateriaal (für CC-ED200)

Guarnizioni da montare (per CC-ED200)

Kabelbevestigingsset (voor CC-ED200)

Elementos de fijación (para CC-ED200)



1 69-6170

Attachment Kit (for CC-MT300)

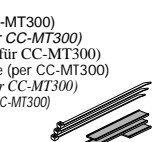
Kit de Garnitures (pour CC-MT300)

Bevestigingsmateriaal (für CC-MT300)

Guarnizioni da montare (per CC-MT300)

Kabelbevestigingsset (voor CC-MT300)

Elementos de fijación (para CC-MT300)



1 69-9751

Attachment Kit (For Extra Large Fork)

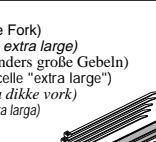
Kit de Garnitures (Pour fourche extra large)

Bevestigingsmateriaal (Für besonders große Gabeln)

Guarnizioni da montare (Per forcelle "extra large")

Kabelbevestigingsset (Voor extra dikke vork)

Elementos de fijación (Para horquilla extra larga)



1 69-6280

Universal Sensor Band

Collier Détecteur Universel

Universalmontageband für Sensor

Fascella universale per fissaggio sensore

Universele vorkkleem

Banda Sensor Universal



1 69-9760

Wheel Magnet for Composit Wheel

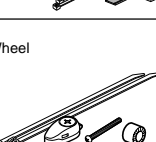
Pour roue composite

Für Verbundräder

Magnete per ruote

Voor o.a. carbonwielen

Para rueda de palos



1 66-5120

Wheel Magnet

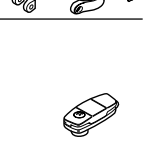
Aimant de Roue

Radmagnet

Magnete per ruota

Wielmagneet

Imán de Rueda

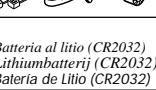


1 66-5150

Lithium Battery (CR2032)

Pile au Lithium (CR2032)

Lithiumbatterie (CR2032)



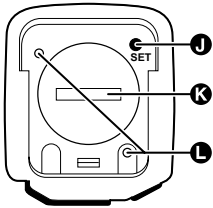
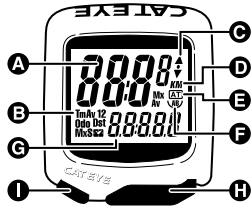
Bateria al litio (CR2032)

Lithiumbatterij (CR2032)

Bateria de Litio (CR2032)



OPERATING INSTRUCTIONS



- A. Upper Display (Usually Current Speed)
- B. Mode Symbol
- C. Average Pace Arrow
- D. Speed Scale
- E. Auto Mode Symbol
- F. Wheel Selection Symbol
- G. Lower Display (Selected Function)
- H. Mode Button
- I. S Button (Start/Stop)
- J. SET Button
- K. Battery Cover
- L. Contact



Precautions

- Don't pay too much attention to your computer functions while riding. Keep your eyes on the road and pay attention to traffic conditions.
- Securely attach the magnet, sensor and bracket to your bicycle. Periodically check if the screws and secure bands have loosened.
- Safely dispose of the old battery. Do not place it within children's reach. If swallowed by mistake, consult a doctor immediately.
- Do not leave the main unit exposed to direct sunlight. Never disassemble the main unit.
- For cleaning, use neutral detergent on soft cloth, and wipe off with dry cloth. Do not apply paint thinner, benzene or alcohol, to avoid damages on the surface.
- If there is mud, sand or the like clogged between the button and the body, button operation can become impaired. Softly wash away such objects with water.
- Before each ride, insure the computer is completely and securely mounted to the bracket.

HOW TO ATTACH TO BICYCLE

Refer to the "Installation Manual".

MAIN UNIT PREPARATION

Using this unit for the first time After replacing battery

All Clear Operation

Press all the three buttons simultaneously. All displays illuminate, and then "K" symbol flashes.

Speed Scale Selection

Press MODE button and select "K"(=km) or "M"(=mile).

Odo Data Input

Hold down MODE button to reach Odo input display. Input the figure by MODE button. Press S button to change the flickering digit.

Press S or SET button to fix it

Wheel Circumference Setting

Input wheel circumference A by S button (-) or MODE button (+). For inputting wheel circumference B, hold down SET button; the display changes to B. Input the figure in the same way.

Press SET button to fix it

Preparation Completed

Set the Clock time

All Clear Operation

Press all the three buttons simultaneously.



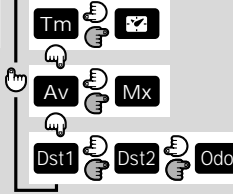
Wheel circumference setting is the actual distance in centimeters on the ground of one wheel revolution measures. For the most accurate settings, do this roll-out. Otherwise, consult the Cross Reference Table for approximate setting.

In Measuring Functions:

When measuring, the speed scale flashes.

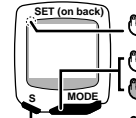
- In Tm, Av and Dst(1, 2) display Switches on/off **AT**
- Moves between wheel circumference A and B
- Moves to the next function
- Moves to the next function
- When **AT** is on: Shifts Tm/Av/Mx data to the upper display
- When **AT** is off: Shifts Tm/Av/Mx data to the upper display

(How the display changes by MODE button)



In Clock Time Setting Display:

If SET button is pressed in **STOP** state, clock time setting display appears.



- Completes setting → Ready for measuring
- Increases the figure by one
- Rapidly increases the figure
- Moves from hour digits to minute digits

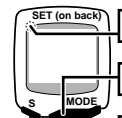
When "M" (=Mile) was chosen for speed scale, the clock time is in 12-hour. If "K" (=Km), the clock time is 24-hour.

Button Operation

- Just press
- Hold down (2 sec.)

In Wheel Circumference Setting Display:

If SET button is pressed in **Odo** display (stop state), wheel circumference setting display appears.



- Completes setting → Ready for measuring
- Moves between wheel circumference A and B
- Increases the figure by one
- Rapidly increases the figure
- Decreases the figure by one
- Rapidly decreases the figure

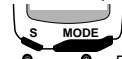
Wheel Circumference A & B

(Can switch between A & B any time)
A: Best for road bikes and riding [Initial figure =210 cm]
B: Best for MTB riding and low speed sensitivity

[Initial figure =205 cm]

When MODE button and S button are pressed simultaneously in **Odo** display, first the wheel circumference value appears. If these buttons are further held down for more than 3 seconds, the wheel circumference moves between A or B.

Reset Operation



Press S and MODE buttons simultaneously for 1 second

Data to be reset:

In Tm, Av, Mx, Dst1 and **AT** display: ----- Resets Tm, Av, Mx and Dst1 data all together
 In Dst2 display: ----- Resets only Dst2 data

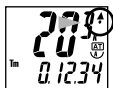


Spd Current Speed

Wheel A: 0.0(3.0)-65 mph ±1 mph (under 31 mph) [0.0(4.0)-105km/h ±1km/h]

Wheel B: 0.0(2.0)-65 mph ±1 mph (under 31 mph) [0.0(2.5)-105km/h ±1km/h]

Usually displayed on the upper display and updated once a second. When Av or Mx data is shifted to the upper display, Spd shifts to the lower display.



Average Pace Arrow

Shows whether the current speed is faster or slower than the average speed.

↑ ----- Faster than the average speed

↓ ----- Slower than the average speed

When the average speed is zero, or when in the stop state, no pace symbol appears.



Odo Total Distance (Odometer)

0.0 - 9999.9 / 10000 - 99999 mile[km] ±0.1 mile[km]

Continuously measured until battery wears down. Displayed with 0.1 resolution up to 9999.9 km and with 1.0 resolution up to 99999 km. (With all clear operation, it returns to zero; to continue accumulation of data, input the previous Odo data after all clear operation.)



Dst(1, 2) Trip Distance(1, 2)

0.00 - 999.99 mile[km] ±0.01 mile[km]

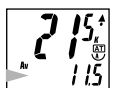
The trip distance from start to current point is displayed. Two different start points can be set (Dst1 and Dst2). Dst2 is best for measuring a sectional distance. With Reset operation, it returns to zero. [Reset of Dst1 is always done with reset of Tm, Av and Mx all together. Reset of Dst2 is done independently of the other reset and does not affect the other data.]



Tm Elapsed Time

0:00'00" - 9:59'59" ±0.003 %

Elapsed time is measured from start to current point, in units of hours, minutes and seconds. At 10 hours, it returns to zero and counting begins anew. With the press of S button, Tm data shifts to the upper display. In this case, the lower display shows the hour digits of Tm data (instead of Spd). With Reset operation, it returns to zero.



Av Average Speed

0.0 - 65 mph [105 km/h] ±0.3 mph [km/h]

The average speed from start to current point is displayed. If the elapsed time exceeds 27 hours or Dst1 exceeds 999.99km, (E) is displayed and calculation ceases. With the press of S button, Av data shifts to the upper display. In this case, Spd data is shifted to the lower display. With reset operation, it returns to zero.



Mx Maximum Speed

0.0(3.0) - 65 mph [105 km/h] ±1 mph [km/h]

Displays the highest recorded speed. With the press of S button, Mx data shifts to the upper display. In this case, Spd data is shifted to the lower display. With reset operation, it returns to zero.



Clock time

1:00' - 12:59' or 0:00' - 23:59' ±0.003 %

If "M" is selected for speed scale, the clock time is in 12 hour. If "K", the clock time is 24 hour.

Automatic Start/Stop Function

When the **AT** symbol is on, the unit automatically starts and stops measuring while a wheel pulse is detected. (See the above "In Measuring Functions" for how to switch on/off **AT**.)

Power Saving Function

When the main unit does not receive a signal, or a button has not been pressed for 60-70 minutes, the power supply is shut down and the main unit will only display the clock. By pressing either MODE or S button, or by receiving signal, this function is released.

Maintenance

When the main unit or the contact gets wet, dry it off with a cloth; rust will cause functional errors.

Trouble Shooting

No display.

- Has the battery in the main unit worn out?
Replace it with a new one.

Incorrect data appears or the screen is frozen.

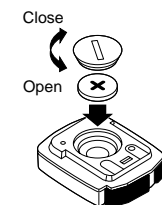
- Do "All Clear" operation. (If possible, write down the Odo data before all clear operation, and input it again after the display returns normal.)

Current speed does not appear. (When current speed does not appear, first short-circuit the contact on the back with metal; if the speed display appears, the main unit is normal and the problem must be in the bracket or the sensor.)

- Is there anything on the contact of the main unit or of the bracket?
Wipe the contact clean. DO NOT use abrasives, sandpaper, etc.

- Is the distance between the sensor and the magnet too far?
Are the marking line of the sensor and the center of magnet aligned?
Adjust the position of the sensor and magnet again.

- Is the wire broken?
Replace it with a new one.



How to Replace Battery

Insert a new lithium battery (CR2032) with the (+) pole upward. Perform ALL CLEAR OPERATION after replacing the battery. In order to continue accumulation of Odo data, write down the stored Odo before replacing the battery.

Continuing Accumulation of Odo Data

Although the Odo data returns to zero by all clear operation, you can continue accumulation of data by inputting the previous Odo data. Be sure to write down the data before replacing the battery.

Specifications

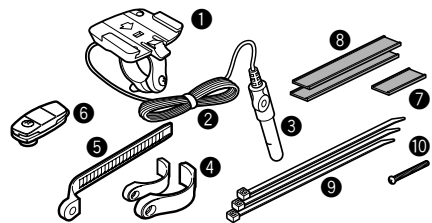
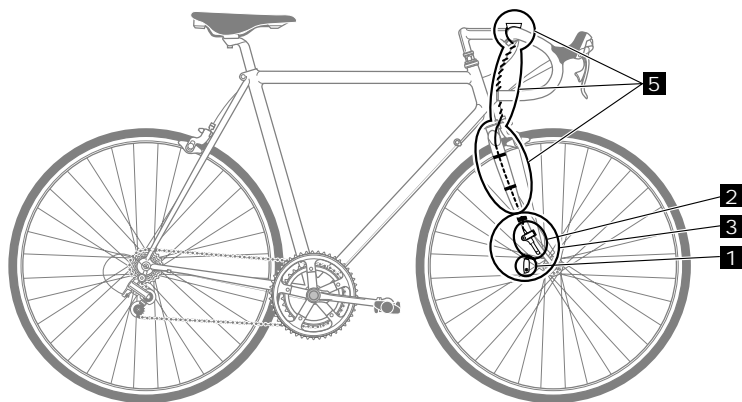
- Applicable Wheel Circumference --- 100cm - 300cm
- Applicable Fork Diameter ----- ED200; 11ø to 40ø (Sensor Band S: 11-26ø, Sensor Band L: 21-40ø)
- MT300; 11ø to 36ø (Sensor Band S: 11-26ø, Sensor Band L: 21-36ø)
- Length of Wire ----- 70cm
- Power Supply ----- Lithium Battery (CR2032) x 1
- Battery Life ----- Approx. 3 years
(The life of the first factory-loaded battery may be shorter than this period.)
- Dimension/Weight ----- 1-13/16" x 1-17/32" x 9/32" [46 x 39 x 17mm] / 0.92 oz [26 g]

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

CAT EYE MITY3

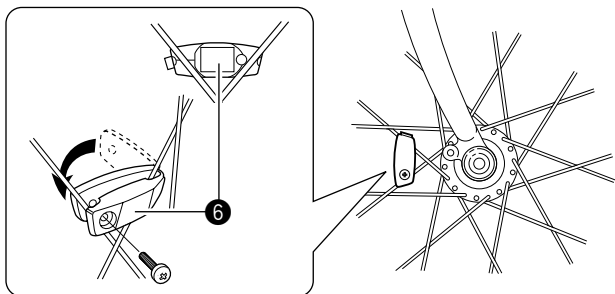
CC-MT300

E



- 1 Bracket
- 2 Wire
- 3 Sensor
- 4 Sensor Bands-A
- 5 Sensor Band-B
- 6 Magnet
- 7 Sensor Band Rubber Pad
- 8 Bracket Rubber Pad
- 9 Nylon Tie
- 10 Sensor Band Screw

1



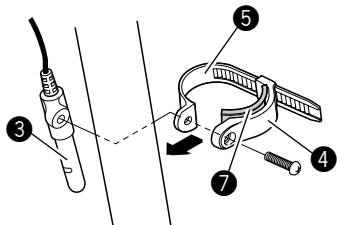
2

Attach the sensor temporarily.

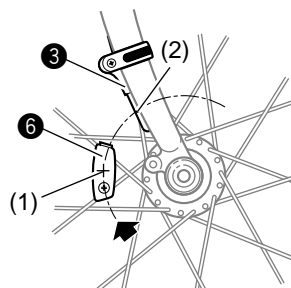
Note: Sensor Band-A

(Small) ----- 11Ø-26Ø

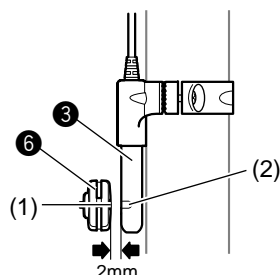
(Large) ----- 21Ø-36Ø



3



Align the magnet's center(1) and the sensor's marking line(2). Make sure of approx. 2mm clearance between the magnet 6 and sensor 3.

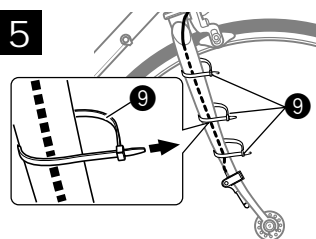


4

Test

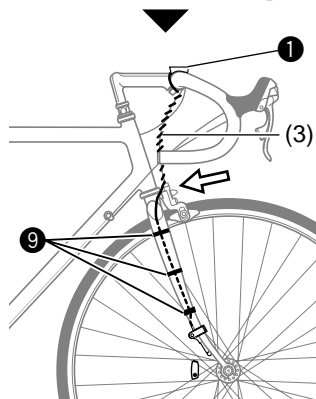
Slide the main unit onto the bracket according to "How to Attach Main Unit to Bracket" (below). Make sure the computer is fully attached to the bracket. Spin the front wheel and check if the speed display appears. (If not, adjust the relative positions of magnet and sensor again.) Fasten the sensor securely, and remove the main unit.

5

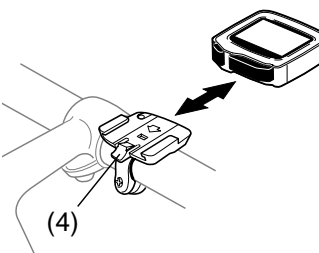
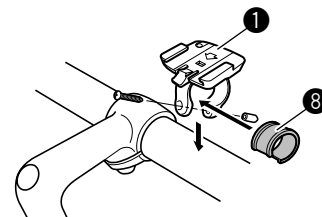


Secure the wire along the fork with the nylon ties 9, and wind it round the brake cable(3) up to the handlebar.

Note: Allow enough wire length in the area marked with ⇔ in the illustration, to insure full movement and unhindered operation of the handlebar.



Test the alignment of the magnet and sensor with the main unit attached.



How to Attach Main Unit to Bracket

Slide main unit onto the bracket from front until it clicks into position. To remove, pull it off forward while pushing down the lever(4).

