

StreetStrider Wireless Console User Guide

Instructions for use with the Universal Trainer and Speed/Cadence Sensor

A. Parts list

1. Wireless Console (WC)
2. Batteries
3. Speed/Cadence Sensor (SCS)
4. Crank arm magnet
5. Spoke magnet
6. WC mounting bracket
7. Nylon ties (6)



B. Installation

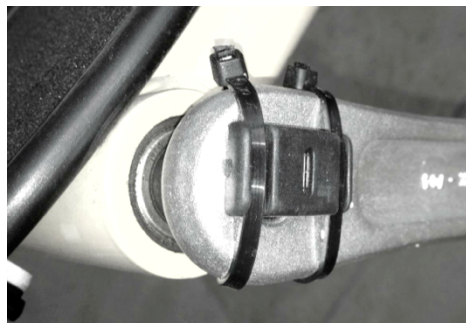
Use 2 ties to secure WC bracket to cross bar. Insert WC in bracket and rotate 90° to lock.



Use 2 ties to secure SCS to left chain stay.
Attach spoke magnet to spoke so that it passes next to SCS arm.



Use 2 ties to secure crank arm magnet to the inside end of the left crank arm.

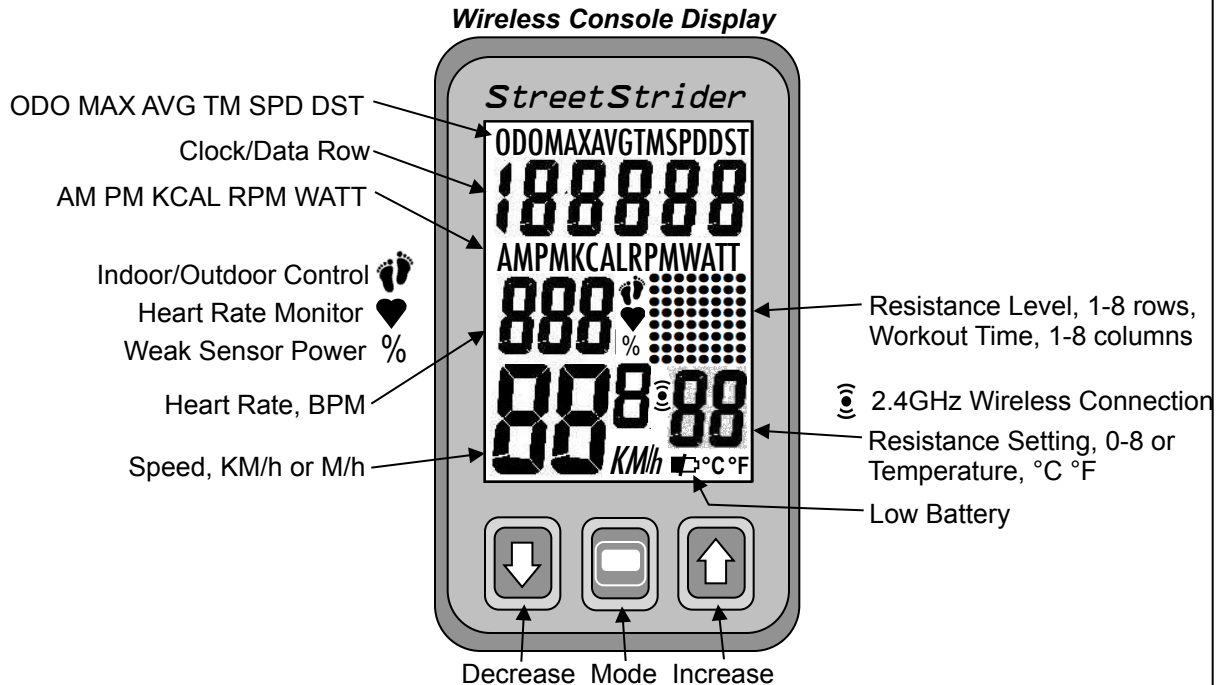


Adjust the position of the front corner of the SCS so that it is within 3 mm of crank arm magnet.



Adjust the SCS arm, ⊕ screw, so that it is within 5 mm of the spoke magnet.

C. Display features



D. Battery installation: Wireless Console (WC) and Speed/Cadence Sensor (SCS)


Install the battery into the components as shown.

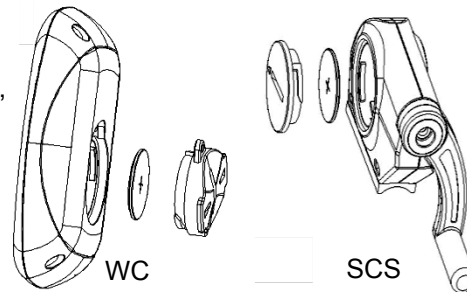
Battery: Lithium CR2032, '+' facing outward.

Battery life: WC - approx 1 year, SCS - approx 6 months, if used 1 hr per day (battery life will vary depending on conditions of use)

Replace WC battery when Data digits are flashing or when the % indicator is present



Replace SCS battery when Speed digits are flashing or when the  indicator is present



E. Specifications*

1. Battery: Lithium CR2032 x 2
2. Battery life: WC - approx 1 year, SCS - approx 6 months, if used 1 hr per day (battery life will vary depending on conditions of use)
3. Controller: 8-bite, 1-chip microcomputer (Crystal controlled oscillator)
4. Display: Liquid crystal display
5. Sensor: No contact magnetic sensor
6. Transmission: Between 20 to 150 cm
7. Wheel circumference: 798 mm ~ 3192 mm (20.5" rear wheel is 64.4" or 1450 mm circumference)
8. Working temperature: 30-104°F (0-40°C), display malfunction when used beyond temp range

*Specifications and design are subject to change without notice.

F. Starting the Wireless Console (WC)

When the battery is installed, the WC screen will first scan through each row of the display from top to bottom. Then the display will show the Clock + Row (upper section of display) so the following – Clock, Total Time, Total Distance, Total Kcal – can be set in a 4 step sequence. Use the Decrease (↓) and Increase (↑) buttons to adjust values. Use the Mode (■) button to change between number place and mode. The default mode is the Clock Mode.

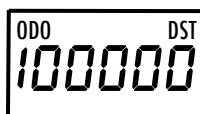
1. TM = Clock
1:00 - 12:59 AM/PM



2. ODO TM = Total Time
000:00 - 1999:59



3. ODO DST = Total Distance
0 - 199999 Km/M




4. ODO KCAL = Total Kcal
0 - 199999 Kcal




G. Connecting to Wireless Signals

The WC can connect by 2.4 GHz wireless signals to the Speed/Cadence Sensor (SCS), the Universal Trainer (UT), and a Heart Rate Monitor (HRM) chest strap. Each device requires specific steps to connect, described below.

1. Enable wireless connections. From the Clock Mode or Data Mode, press and hold ↑ until the  image appears near the center of the lower display section. The WC is now able to connect to the wireless signals. Press and hold ↑ again to turn OFF wireless connections. To save power, turn ON wireless connections only when striding. If no striding is detected within 5 min, the wireless connections are turned off automatically.



2. Connect to Speed/Cadence Sensor (SCS) and Universal Trainer (UT). With wireless connections enabled, proceed to section H. Settings Mode to make wireless connections.

3. Enable Indoor/Outdoor wireless control. After wireless connections to SCS and UT are established in step 6 of H. Settings Mode and display is returned to Clock Mode, press ■ to enter Data Mode. From any screen in Data Mode, press ↓ and ↑ together to toggle ON (or OFF) Indoor/Outdoor Control. The  image appears near the center of the middle display section when ON.



When the Indoor/Outdoor Control is OFF, the numbers on the right of the lower display section will report ambient temperature in °C if speed is set to KM/h or °F if speed is set to M/h. Temp range is -9-60 °C / 16-140 °F.



When the Indoor/Outdoor Control is ON, the numbers on the right of the lower display section will report the Resistance Setting of the UT. Values from 0-8 indicate low to high resistance. The grid rows above the resistance value shows the corresponding resistance level.


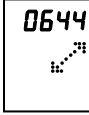
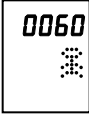
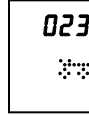

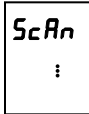
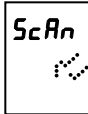


4. Connect to Heart Rate Monitor (HRM). In the Clock Mode or Data Mode, press and hold ↓ to connect with the corresponding heart rate chest strap. Heart rate range is 40-225 BPM.




H. Settings Mode

When in the Clock Mode, press **↓** and **↑** together to enter Settings Mode (entire display). The display will allow you to set Speed Units, Wheel Circumference, Weight of Person, and Weight of Strider. You can also clear previous settings and connect to Speed/Cadence Sensor (SCS) and Universal Trainer (UT) by wireless signals in the following 6 step sequence.


- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Speed Units = Km/h or M/h Press ↓ or ↑ and then ■ to register setting.</p> |  | <p>2. Wheel Circumference If Speed Units are KM/h, Circum range is 798-3192 mm, if Speed Units are M/h, Circum range is 31.4-125.6 inch.</p> |  |
| <p>3. Weight of Person 000-560 Kg (=lbs/2.2)</p> |  | <p>4. Weight of Strider 002-110 Kg (=lbs/2.2)</p> |  |
| <p>5. Clear records MAX, AVG, TM, DST, KCAL, RPM, Press ↓ and ↑ and hold to clear and return to Clock Mode, press ■ briefly to move to step 6.</p> |  | <p>6. Connect to SCS and UT Press ↓ or ↑ to scan for wireless signals, blinking bar [A]. Press reset button on SCS to connect, upper check mark [B]. Start pedaling on UT to connect, lower check mark [B]. Press ■ briefly and then press and hold ■ until display returns to Clock Mode.</p> | <div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: space-around; font-size: small;"> [A] [B] </div> |
7. Return to Section G step 3.

I. Program Workout Mode

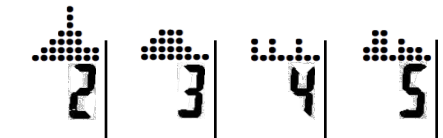
After wireless connections to SCS and UT are established in step 6 of *H. Settings Mode* and the display is returned to Clock Mode, you can program a workout to control the resistance of the UT.

1. Enter Program Mode. Press **■** to enter Data Mode. From any screen in Data Mode, Section J, press **↓** and **↑** together to turn ON Indoor/Outdoor Control, then press **↑** to turn OFF wireless connections so that the  image disappears. Step through to screen 13 in Data Mode and press **■** to enter screen 14 or Program Mode. Program 1 is the Manual Workout where the user adjusts the for resistance, 0-8, at any time. Program Workouts 2-5 are preset 40 minute workouts that adjust resistance automatically.



2. Select Program Workout. Press **↑** or **↓** to step forward or backward to Program Workouts 2-5, workout profiles shown below. When a Program Workout is chosen, press **■** to return to Clock Mode and then press and hold **↑** to turn ON wireless connections so that the  image appears. Begin your workout on the UT. In the Manual Workout or in Program Workouts, use **↑** and **↓** to increase or decrease resistance.

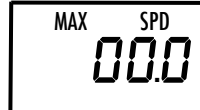
Each column in the program profile represents 5 minutes of the Program Workout, but during the workout each column equals 1 minute. The height of each column represents the relative resistance.



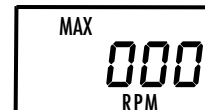
J. Data Mode

From the Clock Mode, press **■** to enter the Data Mode for viewing the data. There are 13 screens (upper section of the display) to view in the Data Mode during and/or after your workout, illustrated below in their step sequence. Step through the screens by pressing **■**. To return to the Clock Mode, you must step through all 13 screens.

1. MAX SPD = Max Speed
0.0-99.9 KM/h or M/h



2. MAX RPM = Max Cadence
0-999 RPM



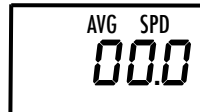
3. RPM = Cadence
0-999 RPM



4. WATT 0-999 W (Displayed only in Indoor Mode with UT, when in Outdoor Mode always zero.)



5. AVG SPD = Avg Speed
0.0-99.9 KM/h or M/h



6. AVG RPM = Avg Cadence
0-999 RPM



7. TM = Elapsed Time
0:00-19:59:59"



8. DST = Trip Distance
0-999.9 KM or Mile



9. KCAL = Calorie
0-9999.9 Kcal



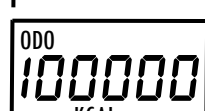
10. ODO TM = Total Elapsed Time 0:00-1999:59'



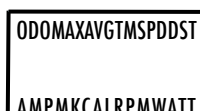
11. ODO DST = Total Distance
0-199999 KM or Mile



12. ODO KCAL = Total Calorie
0-199999 Kcal



13. Auto-Scan Press **↓** or **↑** to start auto-scan, press any key to stop. Auto-scan will display each Data Mode step (1-12) for 5 s.



K. Caution

1. Do not concentrate on the computer while riding. Ride safely!
2. Install the magnet, sensor, and bracket securely. Check these periodically.
3. Do not leave the computer in direct sunlight for a long period of time.
4. Dispose of batteries according to local regulations.
5. Clean only with diluted neutral detergents, do not use solvents to clean WC or SCS.
6. LCD screen may be distorted when viewed through polarized sunglass lenses.

L. Wireless Communication

1. To prevent any interference with other electronics, the sensor signal transmission range is 20 to 150 cm.
2. The WC cannot communicate with the SCS or UT when the distance between the components is too far, the batteries are weak, or if the WC was taken out of range and then not connected as described in section H, step 6.
3. Interference may occur, resulting in incorrect data, if the computer is near a TV, PC, radio, motor, or in a car or train.