STALLATION PROCEDURE

1. BATTERY INSTALLATION
Remove the battery cover from the bottom of the computer using a flat blade screwdriver. Install the battery with the positive (+) pole facing the battery cover and replace the cover.

Should the LCD show irregular figures, press the Auto Clear button on the underside of the unit once. This will clear and restart the computer’s microprocessor.

2. SPEED SENSOR
The speed sensor is attached to the longer wire. Feed a zip-tie through the slot on the sensor, then mount it to the left chain stay using a thin rubber shim. If chainstay is less than 20mm in diameter, use 4-mm shims. Fig. 1 Position the sensor and magnet as shown, making sure that the center of the magnet intersects the alignment mark on the sensor with 1/32" (1mm) clearance. Fig. 2

Attach speed magnet to left side rear wheel spoke with the screw provided. Tightening the screw can strip the threads so use caution.

3. CADENCE SENSOR
The cadence sensor is on the shorter wire. Feed a zip-tie through the slot on the sensor, then mount it to the left chain stay using a thin rubber shim. Trim excess strap after securing to bicycle frame. Fig. 3 Attach the cadence sensor magnet to the left crank arm, making sure that the arc of the magnet intersects the alignment mark on the sensor. Clearance between the magnet and the sensor should again be 1mm. Secure the magnet with a zip-tie. Fig. 4

Route the wire under the bottom bracket and along the down tube, then up the front brake cable. Wire must not hang loosely, but must maintain sufficient slack to allow for steering. Secure both wires with the zip-ties provided. Sensor wire must not be wrapped together with other wires (light, etc.), as this may cause erratic readings.

5. MOUNTING BRACKETS
Attach the mounting bracket to the handlebar using the bracket screw provided. Rubber shims are also included to provide a secure fit. If the bracket clamp closes completely, or the bracket slips the handlebar, shims will be necessary. The mounting bracket can be attached to left or right of the stem. A mounting position near the front brake cable will make cable routing easier.

OPERATION

1. MPH/KM/H Selection
Advance to the MXS/ODO screen using the right key. Next, press and hold BOTH keys simultaneously until a flashing "Mph" or "Km/h" appears. Press the RIGHT key to select Mph (miles) or Km/h (kilometers). Press the LEFT key to enter your selection and advance to the wheel size input screen.

2. Programming Wheel Size
STEP 1: Once you select miles (Mph) or kilometers (Km/h) and press the LEFT key, the computer will automatically advance to the wheel size programming screen.
STEP 2: The factory default setting is 2124 (Km/h) or 83.62 (Mph). The left hand digit will flash. Use the RIGHT key to adjust the value. STEP 3: Press the LEFT key to set the value and advance to the next digit. STEP 4: Repeat this sequence until all digits have been set to the appropriate value. STEP 5: Press the LEFT key one final time to enter the wheel size setting into memory and return to the MXS/ODO display screen.

3. Speedometer(SPD)/Clock
Speedometer (SPD) Displays instantaneous speed (Mph or Km/h). Accurate to 0.5mph or Km/h
Speed Comparison (+/-) Compares current speed to average speed. As you ride, a (+) or (-) will appear in the upper right hand corner of the display. This will indicate whether your current speed is faster (+) or slower (-) than your average speed. This function is automatic, requires no programming, and cannot be disabled.

Clock Displays time of day in a 12 hour format.

4. Speedometer(SPD)/Stopwatch(STP)
Press the LEFT key to start and stop the Stopwatch. While the Stopwatch is running, 'Mph' or 'Km/h' will flash in all display screens. The Stopwatch will record up to 9:59:59 before resetting to 0 and starting again. To reset STP, press and hold the LEFT key for 2 seconds.

5. Average Speed(AVS)/Tripmeter(DST)
Average speed (AVS) Displays average speed in increments of 0.5 Mph or Km/h calculated using your true ride time and trip distance. To reset AVS, press and hold the LEFT key for 2 seconds. Note: This will also reset DST.

Tripmeter (DST) Displays distance traveled during current ride up to 999 mi. or km. To reset DST, press and hold the LEFT key for 2 seconds. Note: This will also reset AVS.

TROUBLESHOOTING

No error message on speedometer or cadence reading
Improper magnets/sensor alignment
Display readout fades
Low or dead battery
No trip distance reading
Check sensor/magnet alignment
Check battery and sensor installation
Slow display response
Temperature outside of operating limits (0-55 degrees)
Black display
Temperature too hot, or placed exposed to direct sunlight too long
Display shows irregular figure
Press Auto Clear button bottom of unit to clear
Restart computer
MXS displays 99.99, disengages
Press Auto Clear button to re-align sensor and re-program.