

AVOCET



CYCLOMETER 15



SPECIFICATIONS

Instrument displays either miles or kilometers.

Speed Functions

SPEED: To 75 mph
Maximum Speed (MX): To 75 mph (resettable)
Average Speed (AV): To 75 mph. Calculated only while the wheel is turning. Averages up to 10 hours (resettable)
Resolution of speed functions: 0-19.9 mph, to 0.1; 20-39.5 mph, to 0.5; 40-75 mph, to 1.0

Distance Functions

Total Distance (D): To 6,210 mi in 0.1 mi increments. Display rolls over at 6,210 miles
Trip Distance (d): To 621.00 mi in 0.01 mi increments

Time Functions

Ride Time (ST): To 9:59:59 (time used to compute average speed). At 10:00:00 rolls over and resumes timing

Setup functions

Miles/Kilometers: Stored data converted when setup is changed
Wheel Size Calibration: Calibration for wheels from 100 mm (4") circumference to 2,999 mm (118") circumference in 1 mm increments
Automatic Power Saver: Blanks screen to cut power consumption by 50% while retaining stored data

Dimensions: 1.75" X 1.75" x 0.3"

Weight: Unit, 0.5 oz

Display: Dual liquid crystal, upper numbers 0.3" high; lower numbers 0.2" high

Operational Temperature Range: 0°F to 150°F

Battery: 1.5 volt, 4 year life. Use Avocet Cyclometer 15 battery or 357 (Renata, Eveready, RayOVac, Phillips), SR44W (Maxell, National, Panasonic, Sony, Toshiba), D357H (Duracell).

BUTTONS



PRESSING THE RIGHT BUTTON

Displays Speed with the other main functions: Total Distance, Trip Distance, Average Speed, Ride Time, and Maximum Speed
Selects miles or kilometers and changes the calibration number in setup



PRESSING THE LEFT BUTTON

Moves from one digit to the next in calibration



PRESSING BOTH BUTTONS

Resets Trip Distance, Average Speed, Ride Time, and Maximum Speed (all together) when any of these functions is displayed
Shows the calibration number when total distance is displayed



HOLDING BOTH BUTTONS

Reaches wheel-size calibration. First press both buttons in the Total Distance function to display the calibration number. Then press both buttons again to reach calibration.

RESET / POWER SAVER



RESET by pressing both buttons



Trip Distance, Average Speed, Ride Time, and Maximum Speed reset together

RESET. To reset press both buttons when either Trip Distance, Average Speed, Ride Time, or Maximum Speed is displayed. All of these functions reset together. When Ride Time reaches 10 hours, Trip Distance, Average Speed, and Ride Time reset automatically. Reset before starting each ride to avoid automatic reset.

AUTOMATIC POWER SAVER. After no buttons have been pressed and no wheel movement has been detected for 6 minutes, the display will go blank. Power consumption is reduced by 50%. The normal display returns when a button is pressed or the bicycle is moved.

FUNCTIONS



1. TOTAL DISTANCE-D



2. TRIP DISTANCE-d



3. AVERAGE SPEED-AV



4-RIDE TIME-ST



5. MAXIMUM SPEED-MX

OPERATION. Press the right button to move from one function to the next.

SPEED (displayed in all functions). Speed resolution is to 0.1 mph up to 19.9 mph, 0.5 mph from 20 to 39.5 mph, and 1.0 mph above 40 mph. 'mi' flashes when the Cyclometer is receiving speed and distance data from the wheel sensor.

1. TOTAL DISTANCE-D. Accumulates the total distance (D) you have ridden up to 6,209.9 miles. At 6,210 miles it clears to 0 and resumes accumulation. To record yearly mileage, clear before your first ride of a new year.

2. TRIP DISTANCE-d. Displays the distance (d) ridden since the last reset up to 620.99 miles. At 621.00 miles it resets to 0 and resumes accumulation. Trip Distance also resets automatically when Ride Time reaches 10 hours. Reset at the start of each ride to avoid automatic reset during your ride.

3. AVERAGE SPEED-AV. Displays the average speed since the last reset. Averages speed for up to 10 hours. After 10 hours the Cyclometer 15 displays an 'E' instead of average speed. The time over which the average has been calculated is shown in the Ride Time function.

4. RIDE TIME-ST. Displays ride times up to 9 hours 59 minutes. Resets automatically at 10 hours. Trip Distance and Average Speed also reset at 10 hours. Ride time is the time that the bicycle's wheels have been turning. Time stopped is not accumulated. Average speed equals the trip distance divided by the ride time.

5. MAXIMUM SPEED-MX. Displays the max speed since the last reset up to 75.0 mph.

