

Filzer

dB4LW Wireless Cycle Computer Owner's Manual



Congratulations on your purchase of the dB4LW wireless cycle computer by FILZER. Packed with all the features that a professional rider needs to keep track of during a workout, this computer is a perfect training tool for any cyclist.

1

HOW TO MEASURE WHEEL FACTOR

Press and hold the LEFT and RIGHT buttons for 4 seconds to access wheel size input mode. Note all information in the computer will be erased.

The digits on the bottom row will flash. The value you need to enter in to the computer is the Wheel factor. Wheel factor is the circumference of the wheel in mm.

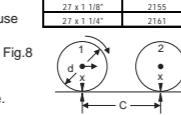
Note, there are no standard wheel sizes in the cycling world - i.e. the circumference of a 700x23 tire will differ from one brand of tire to another so for accurate speed and distance values on your computer you need to measure your wheel circumference.

To obtain wheel factor:

1) Fast (and not so accurate) method - use chart provided.

2) Most accurate method:

- See Figure 8.
- Inflate your tires to its proper pressure.
- Put a mark on your front wheel on the outside circumference.
- Put a mark on the floor.
- Put the mark on the wheel on the mark on the floor.
- Rotate the wheel one full revolution until the mark on the wheel is on the floor again.
- Measure the distance between the marks in mm. This is the wheel factor (i.e. your wheel circumference).



Km/Mile Selection

After the wheel factor input, the Km/Miles units for distance and speed will flash. Press the RIGHT button to toggle between kilometer (KM) and miles (M), press the LEFT button to confirm.

6

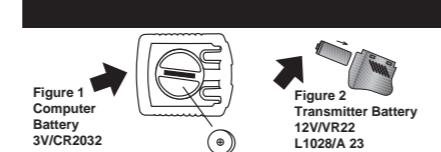
DISPLAY:

Current speed, Average Speed (AVS), Tripmeter (DST), Trip Timer TM and Speed Comparator (+ or -) are shown in the first display screen. Press the RIGHT button to toggle between the two display screens.

7

Functions

Speedometer (0-99.9 Km/hr or M/hr)
Tripmeter (DST) (Up to 999.99 Km or M)
Odometer (ODO) (Up to 9999.99 Km or M)
Auto trip timer (TM) (9:59:59)
Maximum Speed (MXS) (up to 99.9 Km/Hr or M/hr)
Digital Clock, 12/24 hour Selectable
Average Speed (AVS) (0-99.9 Km/hr or M/hr)
Speed Comparator (+ or -)
Speed Tendency
Odometer Program Function

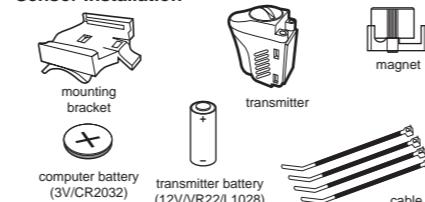


Remove the battery cover from the bottom of the computer using a small coin. Install the 3V battery with positive (+) pole facing the cover as in Fig. 1. If the LCD shows irregular figures, take out the battery and install again. This will clear and restart the computer's microprocessor.

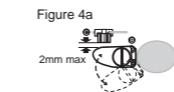
Install the 12V battery in the transmitter with the positive (+) pole facing the battery cap. Re-install the cap with a small coin and be sure it is tight to ensure waterproofness. See Figure 2.

1

Sensor Installation



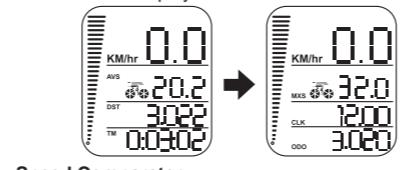
Clamp the magnet on the spoke of the front wheel with the screw provided and attach the sensor to the left fork using cable ties as shown in Fig. 3a, 3b and 3c. Make sure the arc of magnet intersects the alignment mark on the sensor with 2mm clearance as shown in Fig. 4a and 4b.



2

3

Clock (12H/24H): A 12 or 24 hour digital clock is displayed on the third row of the screen. After Km/mile selection in setup mode, the 12h/24h will flash. Press the RIGHT key to toggle between the 12 and 24 hour format. Press the LEFT button to confirm and advance to the clock mode. Press the RIGHT button to advance the hours by one unit (hold RIGHT button for fast advance). Press the LEFT button to confirm hours. Press the RIGHT button to advance the minutes (hold RIGHT button for fast advance). Press LEFT button to confirm minutes and exit setup mode.



4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145