

BEESPIV ADVANCED MODEL

N99-S77-1321



Manual of Operations

IMPORTANT!

Read the following before using this equipment:

Carefully follow all instructions and observe all precautions given in this manual

Version2.1.KR081116



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Specifications

- Dimensions: 50mm X 60mm X 50mm (L x W x H)
- Measurement Range:
 - Speed:
 - 0 - 99.99 km/h
 - 0 - 99.99 m/s
 - 0 - 99.99 cm/s
 - Lap Time:
 - 0 - 99.99 sec
- Batteries: 2 X AAA Batteries



BeeSpiV used with track

Mode Switching

Two different modes can be used with the BeeSpi V unit. To switch from one mode to the other, hold down the start button.

- Speed-Measuring mode
- Cumulative Lap Time-Measuring mode

Standby Mode (LCD off)

The unit will enter the standby state when the Start button and the Select button are held down at the same time or after five minutes have passed without operating the unit. To reactivate the unit, press either the Start button or the Select button.

- In the standby mode, electricity is consumed as the unit awaits a signal to reactivate.

Measuring

Before measuring, hold down the Select button (1.5 seconds) and select the desired measurement unit (Speed-Measuring mode only). A flashing "sec," "km/h," "m/s," or "cm/s" display indicated that the unit is in a state of measurement standby. A steadily lit measurement unit display indicates completed measurement or an inability to measure the unit selected.

Memory Check

When multiple measurements have been taken, the last five measurements can be checked by pressing the Select button.

- This function cannot be utilized when the unit is in a state of measurement standby.
- Memory data can be reset by switching modes or by changing the measurement unit.
- Data can also be reset by removing the batteries.

Inserting Batteries

Slide the battery cover in the direction indicated by the arrow pointing to OPEN in order to remove the cover before inserting two AAA batteries (sold separately). Upon inserting the batteries, the LCD will indicate that the unit is in the Speed-Measuring mode (with unit m/s). The unit may not work if rechargeable batteries are used due to voltage issues.

HOW TO OPERATE

Speed Measuring

Measurement results may differ slightly from actual speeds. The unit measures the speed of an object passing through the sensor components. Measurements can be taken in one of three units: "km/h," "m/s," or "cm/s." Modes can be selected by holding down the Select button.

After pressing the Start button, the measurement unit will flash to indicate that the unit is in a state of measurement standby. The unit will display the speed of any object cutting across two sensor gate zones. To measure again, press the Start button to bring the unit into a state of measurement standby.

A speed exceeding the upper measurement limit is not measurable. If an object passes through only one sensor, the measurement will result in an error as the unit runs out of time.

Memory Display

The last five measurement results can be checked after finishing a measurement. Memory data can be reset by changing the measurement unit or by switching modes. Memory data is not reset when the unit is turned off.



Cumulative Lap Time

The measurement process starts as an object passes through one of the sensor components. The total time, since the start of the measurement process, is measured each time the object passes through the same sensor component. When in the Speed-Measuring mode, switch to the Cumulative Lap Time measuring mode by holding down the Start button. A flashing "sec" is displayed upon pressing the start button indicating that the unit is ready to record a measurement. In this standby state, the measurement process will start when an object passes through one of the sensor gates. Thereafter, the total cumulative time since the measurement process begun will be displayed each time the object passes through a sensor gate that the object passed through originally. Press the Select button and then the Start button if you wish to end the measurement process.

- Memory data will be reset if you end the measurement process by pressing the Start button.
- The unit is unable to measure after the passage of 100 seconds since the start of the measurement process. At this point, the last cumulative time will be displayed in flashing values. In addition, if an object does not pass through a sensor gate again, the unit will be unable to resume when the cumulative time reaches 99.99 seconds. In this case, press the Start button and bring the unit into a state of measurement standby.

Memory Data

The updated total time is displayed each time an object passes through the sensor gate during the measurement process. By pressing the Select button, you can check the past five cumulative lap times. If an object passes through the sensor component while you are checking the memory data, the total time will still be recorded to memory.

If you end the measurement process by pressing the Start button without once having checked the memory data, the memory data will be reset.