



# **KIT RACETIME2 LIGHT RADIO**

## **Quick start guide**

## Content of the Kit



 Racetime2



 Polifemo Radio light (x2)



 Tripods (x4)



 Connection-socket



 DecRadio light



 Reflector (x2)




## Assembling (1)

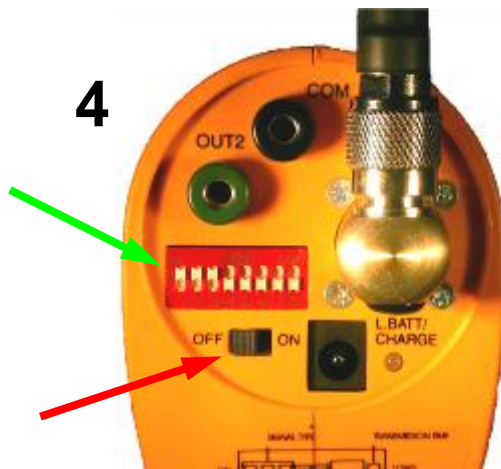
- Mount the Polifemo Radio photocells and the reflectors on the tripods. The tripods have detachable upper tops in order to make the installation easier (see *pictures 1 and 2*).



- Once the photocells are mounted (*picture 3*) the switches on their back must be set. The suggested configuration is to set both photocells on **START**, which allows to switch from sprint/endurance to shuttle tests without any further change. To do so, set the first 3 switches on the upper position (on) and all the other ones on the lower position (off) (*picture 4, green arrow*).

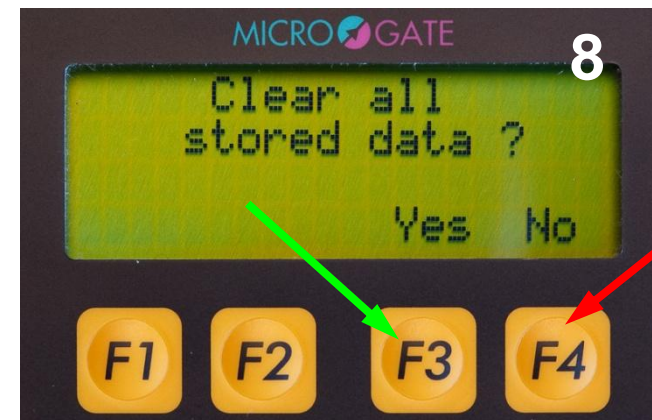
## Assembling (2)

-  Now try to align the photocells with the reflectors. Turn on the Polifemos Light Radio (see *picture 4, red arrow*). An acoustic signal will be produced. If it stops after a few seconds, the alignment is correct. If the beeping continues, verify the alignment again. The placement of the so-called “gates” (photocell + reflector) depends on the type of test which has to be carried out (see *appendix for some examples*).
-  Connect the DecRadio to the Racetime2 (*picture 5, red arrow, and 6*). Once done, turn on the chronometer (*picture 5, green arrow*).
-  Microgate strongly recommends that the battery level of all the components is checked prior to every use.



## Checking the radio signal (1)

- After turning on the chronometer the “general information” screen will appear (see *picture 7*). It shows the software version installed, the serial number and the radio transmission channel.



- Press any key to proceed.
- The chronometer will ask if all stored data should be erased. Depending on the choice, press yes (*picture 8, green arrow*) or no (*picture 8, red arrow*). A confirmation is always asked, just proceed as described above.

## Checking the radio signal (2)

- The “program mode” screen will now appear (*picture 9*). Select the “Simple stopwatch” program (*picture 9, red arrow*).






- The system will ask if the configuration set during the previous use should be erased or kept. If the system is being operated for the first time, just choose no.
- Once in “Simple Stopwatch” program, press more (*picture 10, red arrow*) to reach the second page of the menu.

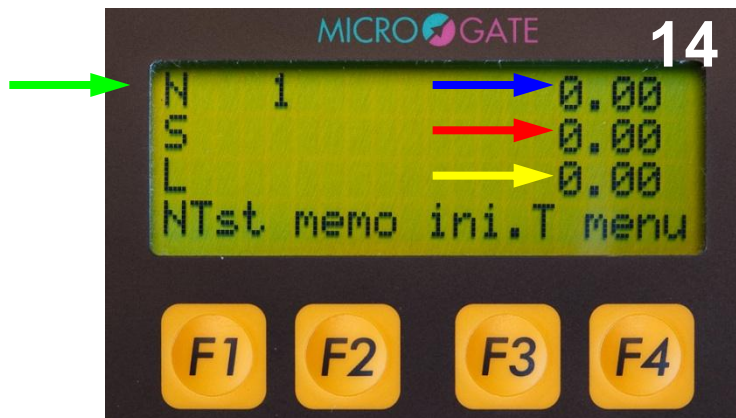
## Checking the radio signal (3)

- On the second page of the main menu (*picture 11*), press “other” (*picture 11, red arrow*) to proceed to the next one.
- Now select “Signal level” (*picture 12, green arrow*). This option allows to check the reliability of the signal. To display the information on screen just pass in front of the photocells. The transmission can be considered reliable if the signal quality exceeds 25% for all the radio devices.
- Once the system has been checked, to proceed press “menu” (*picture 13, red arrow*).



## Timing Sprint Test (1)

-  To start timing, press the correspondent key in the main menu (*picture 10, green arrow*).
-  The system is now ready (*picture 14*). Test/athlete number (*green arrow*), running time (*blue arrow*), split time (*red arrow*) and lap time (*yellow arrow*) are displayed. The following instructions will show how to carry out a basic sprint test (*see appendix*).
-  To start the chronometer cross the start “gate”. The time will start running (*picture 15*).






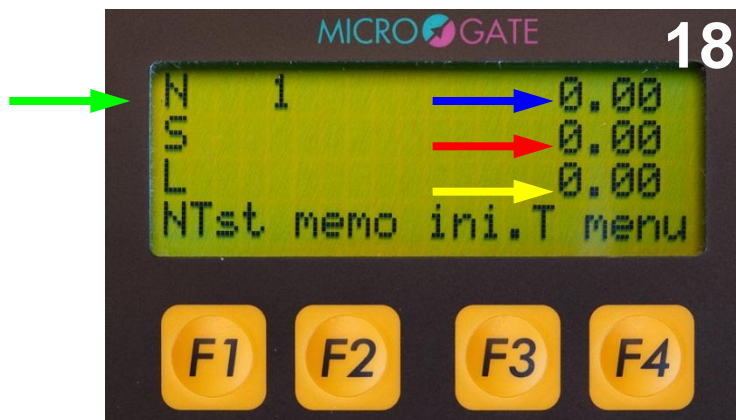
## Timing Sprint Test (2)

- The time will be displayed and printed when the finish “gate” will be crossed (*picture 16, green arrow*). To prepare the system for another test, press reset (*picture 16, red arrow*) and confirm by pressing F3. The system is now ready for another test (*picture 17*).






## Timing Shuttle Test (1)

-  To start timing, press the correspondent key in the main menu (*picture 10, green arrow*).
-  The system is now ready (*picture 18*). Test/athlete number (*green arrow*), running time (*blue arrow*), split time (*red arrow*) and lap time (*yellow arrow*) are displayed. The following instructions will show how to carry out a basic shuttle test (*see appendix*).
-  To start the chronometer cross the start “gate”. The time will start running (*picture 19*).




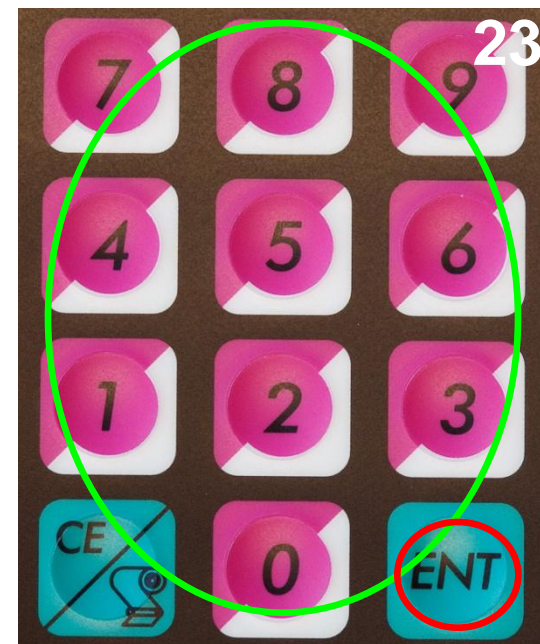
## Timing Shuttle Test (2)

-  The time will be displayed and printed when the other “gate” will be crossed (*picture 20, green arrow*). The time will stop on display for 8 seconds but it keeps running in the background (the display-pause length can be modified, to do so please refer to the manual) .
-  Every time that a gate will be crossed, the total time, the single shuttle time and the number of shuttles will be displayed (picture 21, respectively green, red and yellow arrow).
-  Once that the desired number of laps has been accomplished, to prepare the system for another test, press reset (*picture 21, blue arrow*) and confirm by pressing F3. The system is now ready for another test (*picture 17*).





## Auxiliary options

-  To change the athlete/test number, while in the timing section, press “NTst” (picture 22, red arrow). Digit the desired number on the numeric keyboard (picture 23, green circle) and press enter (picture 23, red circle)
- The “Simple stopwatch” timing software does not verify if the number set has already been used or not. It is therefore possible to memorize two or three sequences of times, assigning them the same number.

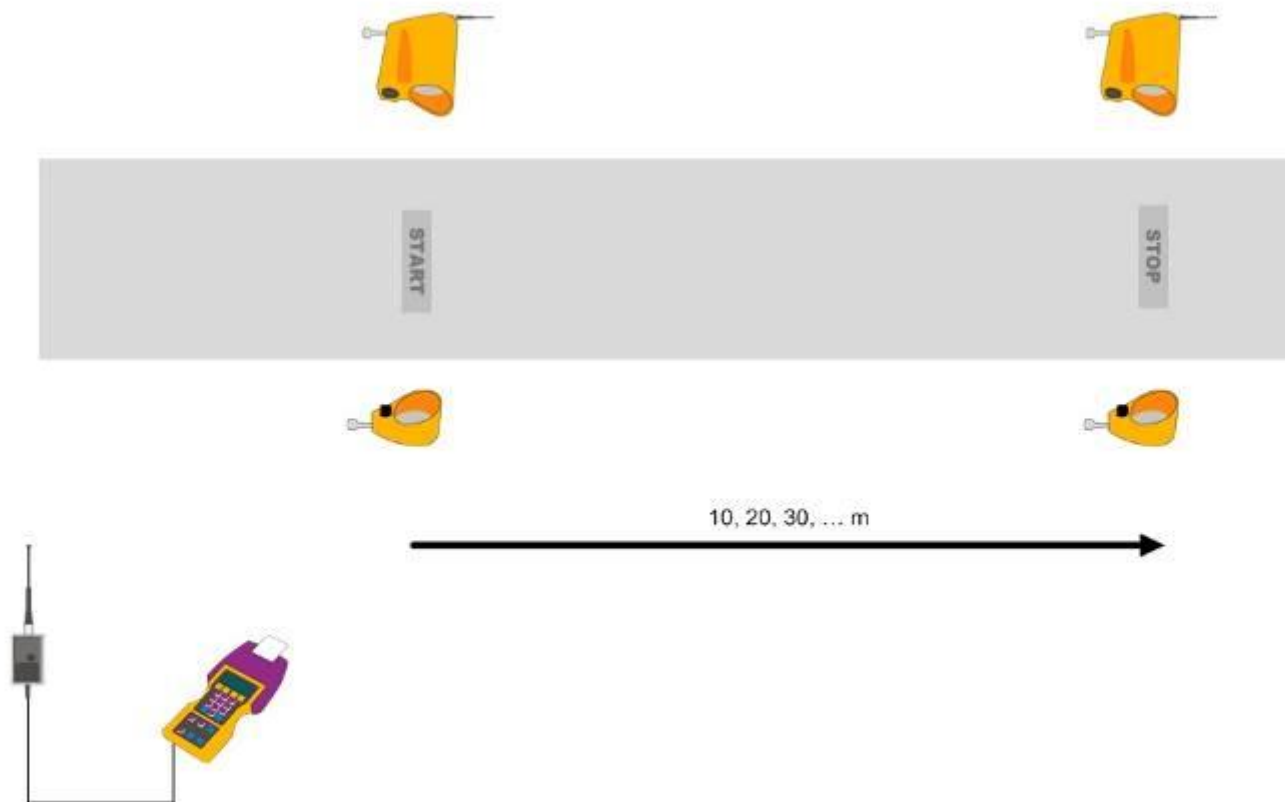


## Auxiliary options

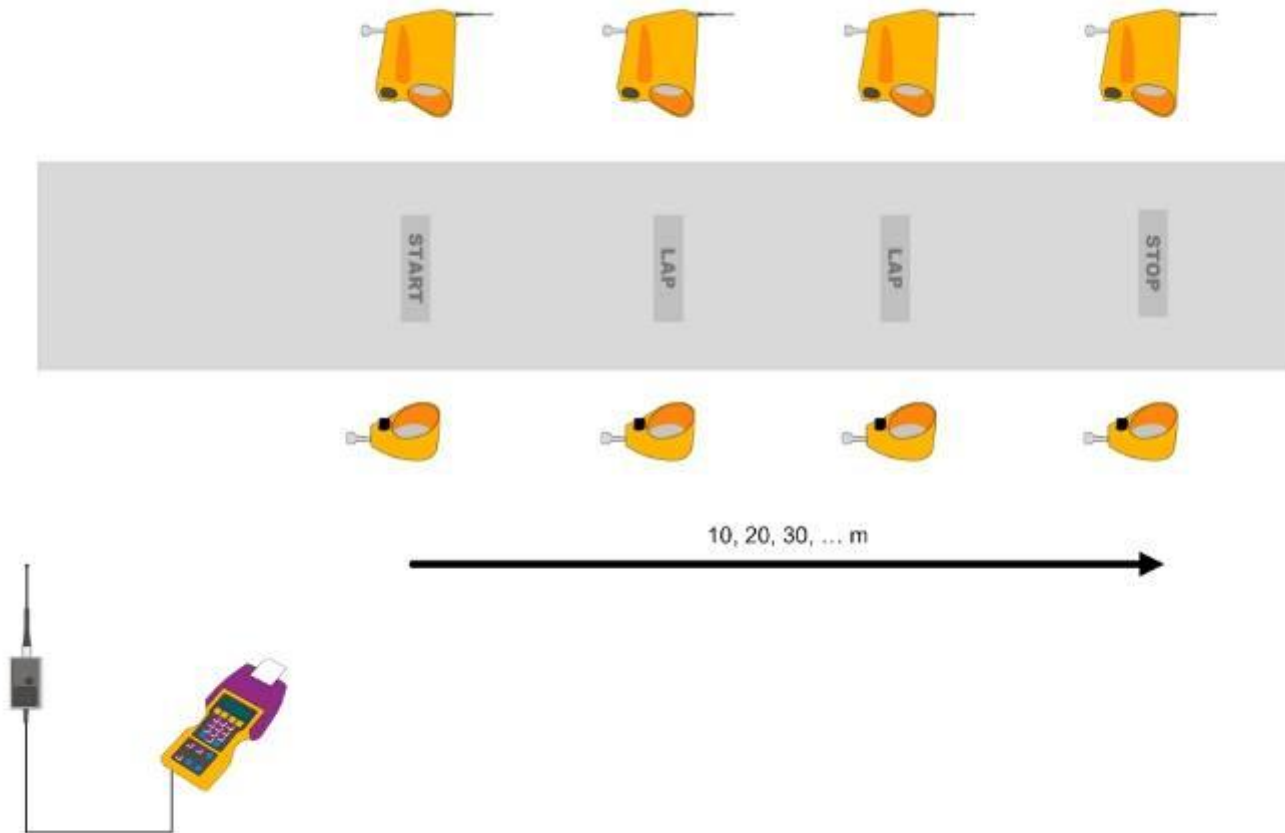
-  To delete timing impulses which are erroneously given, press “AnEr” (*picture 24, red arrow*). The modification will be printed and saved.
-  To display the results press “memo” (*picture 25*). Once done, to browse the results press the arrows (*picture 26, green arrows*). It is also possible to search after a precise test/athlete number by pressing “find” (*picture 26, red arrow*). To print the desired data, just press print (*picture 26, blue arrow*).



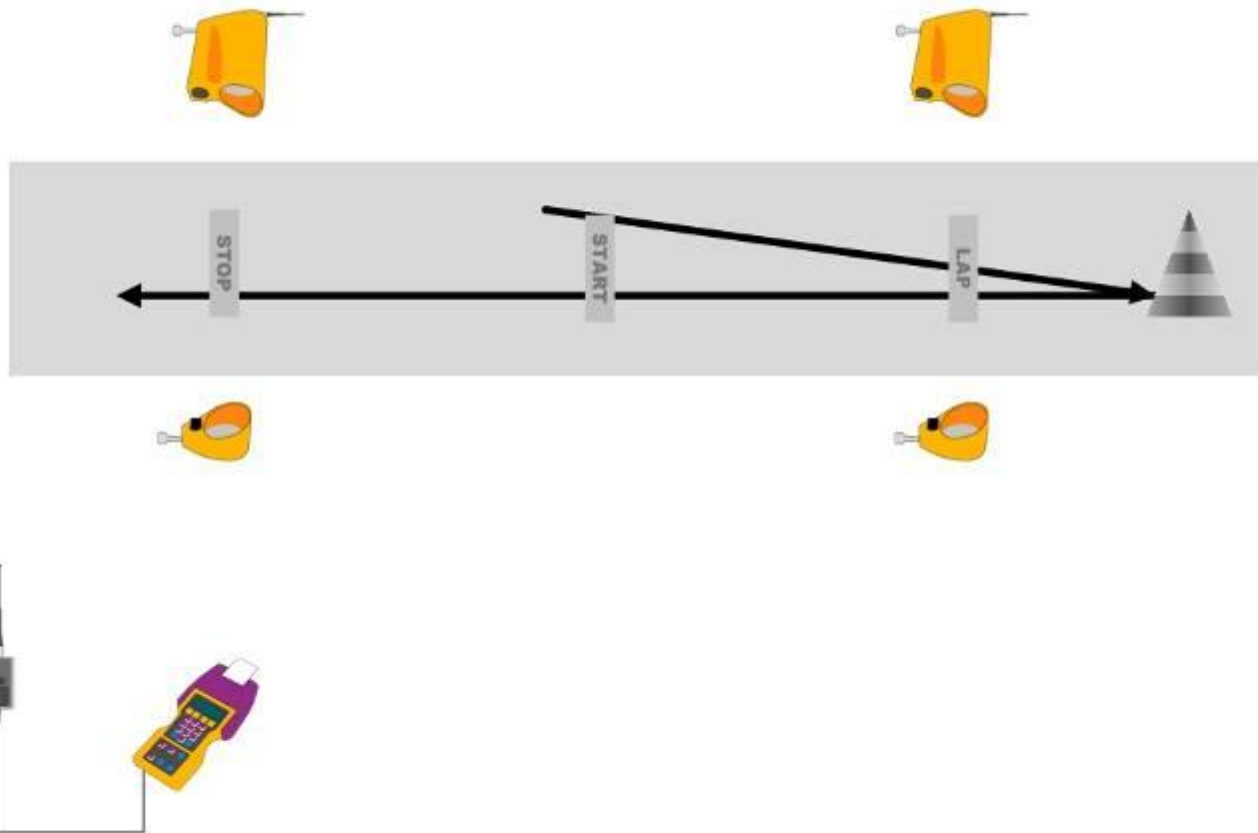
# Appendix (sprint test)



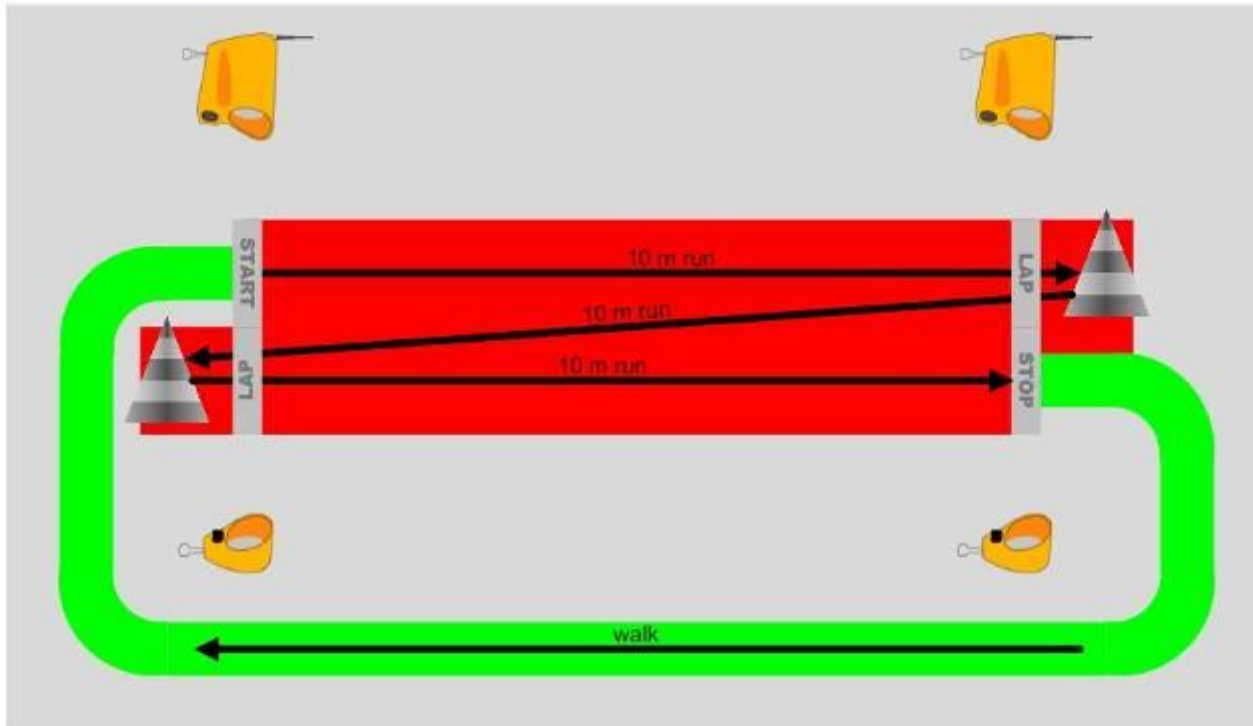
# Appendix (sprint test with intermediate times)



# Appendix (simple shuttle test)



## Appendix (shuttle test with recovery time)





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