



TENDO Sprint System

INTELLIGENT, WIRELESS TIMING SYSTEM

RFID IDENTIFICATION OF ATHLETES

USER MANUAL



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QUICK START GUIDE

1. Instal computer software
2. Instal TSS signal receiver driver
3. Setup the hardware
4. Start using TSS

1 ACKNOWLEDGEMENT

Thank you for purchasing Tendo product. We hope you will be satisfied with our product and customer service.

Please read the user manual fully before using the product. Save the manual for future reference. Make sure that other people using this product are familiar with the instructions.

2 SAFETY PRECAUTIONS

Do not use the device in a **damp environment** and in the **rain**.



Photocells, RFID chip reader and external display are equipped with **neodymium magnets** via which they are attached to tripods

The following safety precautions must be observed during the operation with the magnets:

1. Do not put 2 magnets together
 2. When transporting devices containing magnets, use only non-metallic packages to form protection around the magnet when transporting and storing the device
 3. *Medical devices* - Some medical devices (such as pacemakers and heart defibrillators) may be affected by a strong magnetic field
 4. *Credit cards and electronic devices* - Do not place credit cards, computer disks, and other magnetic storage devices closer than 20 cm to the magnet
 5. Keep *mechanical watches, compasses* and *hearing aids* away from the magnet
- *DC and DVD media* do not carry magnetic data. Therefore, they cannot be damaged by the magnet
 - *Cameras, mobile phones* do not contain magnetically stored media. Therefore, they cannot be damaged by the magnet
 - *USB keys and memory cards* do not carry magnetic data and cannot be damaged by the magnet
 - The static magnetic field does not damage the *car keys*

3 PRODUCT DESCRIPTION



3.1 ABOUT THE PRODUCT

RFID chips can be used with Tendo Sprint System for athletes' personal identification.

To use RFID chips, it is necessary to connect a chip reader first.

The chip reader is not a part of the base kit. The chip reader and RFID chips can be additionally purchased (*please contact you seller for further information*).



3.2 CONNECTING THE CHIP READER

Connect the RFID reader connecting cable to the middle connector of the first photocell (the start photocell)
Attach the chip reader to a vertical pole of the tripod via a magnet

3.3 HOW TO USE RFID CHIPS

- Load and save each RFID chip to the TSS computer software (*see TSS Computer Software manual*)
- Assign each chip to a specific athlete

3.4 IDENTIFYING ATHLETES VIA RFID CHIPS

- Tap the chip reader with your RFID bracelet. The chip reader will register the RFID bracelet even from 5 cm distance. Therefore, it is not necessary to physically touch the chip reader
- The chip reader will output a short beep each time a RFID chip is successfully loaded

