TENDO Sprint System

INTELLIGENT, WIRELESS TIMING SYSTEM

RFID reader set

User Manual

CONTENT

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 a 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 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

The RFID reader set contains a RFID reader and RFID wristbands.
The RFID wristbands are used with Tendo Sprit System for athletes' personal identification.
To use the RFID wristbands, it is necessary to connect the RFID reader first.

- The RFID reader set is not a part of the basic Tendo Sprint System kit. The RFID reader and the RFID wristbands can be additionally purchased *(please contact you seller for further information).*

3.2 CONNECTING THE RFID READER

Connect the RFID reader's 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 magnet.

3.3 How to use RFID wristbands

Load and save each RFID wristband to the TSS computer software (*see TSS Computer Software manual*).

Assign each RFID wristband to a specific athlete.

3.4 Identifying athletes via RFID wristbands

Tap the RFID reader with your RFID wristband.

The RFID reader will register the RFID wristband even from 5 cm distance. There is no need to physically touch the chip reader.

The RFID reader will output a short beep each time a RFID wristband is successfully loaded.

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