



1. Introduction

The SPORTident **Set Timekeeper** is a fully featured SPORTident AIR+ configuration of SI-ActiveCards (SIAC's), SI-Stations and a thermal printer. It enables the immediate usage of the SPORTident system without PC. SPORTident AIR+ designates system features for identification and timing “over the air” in extension of direct punching at control points. Applications are in general outdoor sports like trail, running, biking, triathlon and other multi sports.

This instruction describes the handling of the SPORTident system for use at training activities and sports lessons. The set can be used for diverse competitions, beginning with exercise courses, sport games and running events.

However, on principle the single working steps are valid for all SPORTident system configurations. The SPORTident devices as part of the Set Timekeeper are completely compatible with the whole SPORTident system. More information about the different system parts are given in the specific product data sheets as referred in appendix A.2.



2. Preparation for use

To use the SPORTident Set the following preparation steps are required:

- BS11-BS stations have to be recharged before application.
- Important is the adjustment of station's internal real time clock by using the software SI-Config.
- The SIAC's can be initialised runner-specifically by using software SI-Personal.
- If the name is unknown or not recorded in the SIAC, the competitor will be identified by the SI-Card-number.
- The BS11-BS must be switched ON with the magnet.

3. Operation

All control stations are initialised as labelled on the surface - CLEAR, CHECK, START, 1, 2 (intermediate time 1 and 2) and FINISH.

The following order in using SPORTident stations has to be kept:

CLEAR: Data stored in the SIAC by previous application will be cleared.

CHECK: The check station activates the SIAC. This step is mandatory. There is no feedback signal from the CHECK station when the SIAC is not cleared.

START: Passing this station the START time will be registered in the SIAC.

CONTROL stations for intermediate times:
Passing the control station the control number of the station and the time is stored in the SI-Card.

FINISH: With registering of the FINISH record the competition ends and the SIAC will be switched off.

For the evaluation of the data stored in the SIACs there are different possibilities:

- direct printout using the SPORTident Printout-Set
The Printout-Set is part of the package. The whole configuration is battery driven and no PC is needed. The Printout-Set features with the possibility to download a user specific print layout into the station. This supports quick and customised data evaluation. The printout station supports printing of simple result lists.
- read-in of the SI-Card data into a PC
The content of the SI-Cards can be read into a PC for further evaluation by using the readout station. The Printout station can be used too but must be configured into operating mode "Read SI-Cards".



4. Maintenance

The printer battery should be charged via the USB interface before each use. The capacity of the rechargeable batteries in the BS11-BS station guarantees more than 100 working hours.

All the important settings are visible at station's service display.

Important is the adjustment of stations (including the BS7-PT printout station) internal clock by using software SI-Config.

Extended service is possible by using PC software SI-Config:

- adjustment of stations' active time
- change of operating modes

5. PC software

To setup and manage the system subsidiary software is available at www.sportident.com (appendix A.1.).

The kit is licensed for basic event software SIME. The license key is delivered on request and attached to readout station's device number.

Appendix

A.1. Software

- SI-Config Synchronizing of time in stations; reconfiguration of stations if required;
Configuration of SIAC feedback system
- SI-Print Loading of customer-specific print-layouts into the Printout station BS7-P
- SI-Boot Firmware upgrade of stations
- SI-Personal Personalize SI-Cards
- SIME Easy to handle competition software:
SI-Card read in, course control, fast split time printouts, result list

A.2. Related documents

Product release notes:

- SPORTident_BS11-BS_en
- SPORTident_SIAC1_en
- SPORTident_printoutset_components_en
- SPORTident_printoutset_MCP7830_en

Application notes:

- SPORTident Handbook
- System configuration for loop counting

Data sheets are available at www.sportident.com.