SPORTident BS8 SI-Master - Release notes

September 2012

## **SPORTident BS8 SI-Master**

Thank you for using our SPORTident BS8 SI-Master. This data sheet describes the features to be considered using the system parts.

SPORTident BS8 SI-Master is an extended SPORTident Control station. It works and can be configured as any other SPORTident-Station.

In addition two new service modes are implemented:

TimeMaster ExtendedMaster



SPORT\_ident Make the most of your sport!

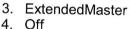
In operating mode "TimeMaster" the station transmits its clock time to any other SPORTident-Station inductive coupled to the SI-Master. So a set of SPORTident-Stations can be synchronised very quickly.

Also in "ExtendedMaster" mode the SI-Master transmits its clock time to any other SPORTident-Station. Additionally the SI-Master clears the backup memory of the slaved station and transmits its own active time to any other unit.

The different service modes are activated by using the Service/OFF-Card. There is the following order:

1. Service 2. TimeMaster

SERVMO TIMEMA



**EXTMA** 



Each action by an ordinary SI-Card immediately activates station's base mode.

For the inductive coupling process a coupling stick should be used. When synchronizing the real time clock the slaved station will be switched automatically into service mode. An acoustic/optical feedback signal indicates the completion of the synchronisation process.

Then the slaved station switched back automatically in operating mode.

Nevertheless this process starts ones more when the station keeps on the time master.

Afterwards it is very important to check the real time clock in all synchronized stations by punching with a SI-Card and read out the data records.

Besides this punch guarantees that all stations will be switched into the active mode.

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## Resolution

The station's real time clock system is calibrated and temperature compensated (starting with firmware V5.53). This offers higher accuracy also at very high and very low temperatures. The internal time resolution is 1/256 s, approximately 4 ms.

1000 mAh

3-5 years

dealers

## Specifications

- Internal power supply:
- Battery capacity:
- Durability:
- Battery exchange:
- Operating range:
- International protection class:
- Dimensions:
- Weight:
- Accuracy at normal temperature:
- Switch on time:
- Backup memory:

IP 64 (DIN EN 60529)

-20°C - +50°C

- Protection against penetration of dust

1 x Lithium 1/2 AA cell, no rechargeable

- Protection against splashed water from all directions

by SPORTident GmbH and authorized SPORTident

101mm x 51mm x 19mm

62 g

less than +/- 20 seconds a month

- < 1 second (standard)
- maximum number of punches: 21802
- maximum number of SI-Cards data records: 1022

Good luck with SPORTident!

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