

SPORTident Station BS11-BS

Description

- The SPORTident Base Station 11 Beacon Small features **contactless registration of time records**
- The station works together with the SPORTident ActiveCard (SIAC) which records the station's signal over a distance of up to 1.80 metres
- The station works with an **unlimited** number of SIACs simultaneously
- Can be updated and recharged via USB
- The companion PC software SPORTident Config+ gives access to the full configuration of the station, allowing for flexible and advanced use cases
- The BS11-BS does not record passing SIACs. The **time records** are registered and stored on the SIACs only. However, the SIAC can send its records via radio to the SPORTident SRR (short range radio) dongle or GSM modem when passing a BS11-BS station
- The BS11-BS is easy to carry around and set up, as it weights only 150 grams
- This station is water-proof, robust and with an operating time of up to **75 hours on one battery charge**



Specifications

Internal power supply	Rechargeable lithium battery
Battery capacity	1950 mAh
Operating time	75 hours
Time accuracy	1 second per 7 days when operated between 15°C and 30°C
Connectors	Mini USB
Operating range	- 20°C to + 50°C
International protection class	IP 64 (DIN EN 60529) Protection against penetration of dust Protection against splashed water from all directions
Dimensions	Station: 115 mm x 62 mm x 32 mm
Weight	Station: 150 g
Registration range	up to 1.8 metres
Operating modes	Beacon Start, Beacon Finish, Beacon Control, SIAC Test
Software support	SPORTident Config+ v0.5 and later

Battery exchange

The BS11 station contains a rechargeable battery. The battery has a lifetime of several years. Even without use, the battery ages over time and its capacity decreases. The number of charging cycles and the storage of the batteries also have an influence on the life of the batteries. Frequent charging and temperatures that are too cold or too hot can have a shortening effect on the lifetime.



It is recommended to replace rechargeable batteries of a BS11 station after **seven years**.

A simple but non-professional test is to test the runtime of the battery when the station is switched on. To do this, fully charge the station and set the operating time using Config+ to its maximum (95 h, 59 min). Switch on the station and check that it remains switched on within the runtime.

If the LEDs of the station flash red-green during charging, this indicates an error in the recognition of the battery. In this case, you should completely discharge the battery. To do this, switch on the station and wait until it switches off due to low charge. If the station switches off due to its expired operating time, switch it on again. Then fully charge the station again. If the problem persists, the battery should be replaced.