

# SPORTident Station BS11-BL

## Description

- The SPORTident Base Station 11 Beacon Large features **contactless registration of time records**
- The station works together with the SPORTident ActiveCard (SIAC)
- An **operating time** of up to 90 hours on one battery charge
- The station operates unattended once set up and switched on
- The BS11-BL works with an unlimited number of SIACs simultaneously
- Can be updated and recharged via USB
- The BS11-BL 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-BL station
- Station is just under one kilogram, letter-sized and waterproof



## Specifications

Internal power supply	Rechargeable lithium battery
Battery capacity	4500 mAh
Operating time	90 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: 228 mm x 278 mm x 38 mm
Weight	Station: 960 g
Registration range	up to 3 metres
Operating modes	Beacon Start, Beacon Finish, Beacon Control, Beacon Slave (Gate mode)
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.