

SPORTident support for MTBO

Information for organisers

v1.0 04.01.2018



According to the IOF MTBO Competition Rules, valid from 1 January 2018, a contactless punching system with a range of 1.50 – 1.80 m must be used at all major IOF MTBO events such as World Championships, European Championships and World Cup events (see <http://www.mtbo-commission.com/uploads/1/5/9/9/15996872/iof-approved-electronic-punching-systems-january-2018.pdf>).

This document describes how SPORTident can support an organiser to meet these requirements.

SPORTident provides the BS11-BS station which has a working range of 1.80 m. For the season 2018 SI lends these stations to organisers of all MTBO events at a reduced cost rate.

The station BS11 should be mounted vertically at a height of about 1.10m above ground and standard o-stands used for FootO are not ideal. Mounting plates are available for the BS11 which can be easily attached to wooden sticks by the organiser. Because the athlete does not touch the station it is not critical to guarantee highest mechanical stability for the arrangement. However, the station should “look” flat into the passing lane.

SPORTident also offers plates with snap-in fixing which can be attached to standard fibre glass sticks (10 mm diameter) - see picture.



Setting up BS11-BS stations for an event is easy but there are some requirements. This includes charging, time synchronisation, setting the working period and activation. Please look at the appropriate documents.

Each participant uses the SIAC assigned to them to record their visit to each control. The IOF MTBO Commission's point of view is that the SIAC is part of the participants' personal sports equipment like a bike and a helmet. The organiser is therefore not required to provide a SIAC to each participant as part of the event services. However, the organiser must guarantee that SIACs can be rented by participants who don't own a SIAC. This service can be organised in advance, preferably as part of the event entry process. According to a statement by the IOF Rules Commission the lending fee should be „reasonable“. In practice this means the hire charge must be fair when compared with other elements of the entry fee.

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SIACs used for events in MTB orienteering should feature an internal firmware version 4.3 or higher. The standard setup scheme for the SIAC has to be proceeded before every competition. The main steps are:

- | | |
|----------------------|-----------------|
| - SIAC Battery Test | Event Centre |
| - CLEAR | Start Lane „-3“ |
| - CHECK (activation) | Start Lane „-2“ |
| - SIAC test | Start Lane „-1“ |

Please read the appropriate documents.

The IOF MTBO Commission and SPORTident discussed several ways to implement a backup solution scheme for recording visits to controls.

The proposed and preferred solution is to equip each competitor with a second SIAC without acoustic signal. This second SIAC is only provided as a backup and data recorded in it is only used in exceptional circumstances if the main SIAC does not work properly. However, the organiser must ensure that the backup SIAC can be read quickly, should this be necessary. You can also use SI-Config+ or a Printout Set to read the second SIAC. Don't forget that the backup SIAC must be prepared for use before the start in the same way as the primary SIAC.

SPORTident offers the organiser a specially identified set of SIACs to be used as backup at a reduced cost rate.

Lending fees MTBO 2018

BS11-BS Station EUR 10 per weekend

SIAC "backup" EUR 1 per weekend
(only for participants of major events)

Costs are without VAT. There may be additional shipment costs.