

National Event Specifications Standards

Timing Services

Minimum Timing Requirement

The minimum timing requirement for National MTB events are

- For DHI
 - timing should be accurate to 1/1000sec and be reported to 1/100sec.
 - should include a visible display at the finish showing plate, rank and run time. Display should be visible to riders and spectators at a distance of 50m +
- For XCO
 - timing should be accurate to 1/10sec and be reported to 1/10sec
 - should provide a visible display with the running time at the finish line.
- All timing solution should provide updates near live to internet
- Provide a screen for commentator showing Plate No., Rank, Name, total time, time behind
- Within 1 hour of the completion of the race provide MTBA the results as an excel document including the following fields:
 - Category Rank, Plate, Name, Category, Lap/Run time (all laps/runs), Total time, Time Behind, Sponsors

Public Address System

Minimum PA requirement

The minimum requirements for National MTB events are

- 2 wireless microphones of professional quality with reception coverage at the presentations area, Start area (XC), Finish straight and any area an athlete interview may be required.
- 3.5mm input jack to play music from MP3, Ipod, or similar device.
- Enough speakers are required to cover the event village including the presentations area, Start area (XC), transport area (DH), Finish straight, and areas the crowd may gather in without exceeding 55db (average acceptable noise level nationally in non-residential areas).

Site evaluation

Measurements need to be taken at each event site for:

- Spectator gathering areas, in the finish bowl and on course,
- Start marshalling area,
- Finish area,
- Presentations area.
- Athlete team tent area
- Sponsors areas

When multiple events occur at the same time, zones of commentary may be required.

Noise levels

Where an event is close to residential areas...

Australia state environmental noise restrictions vary.

Optional extras

Ducking (where music volume is lowered when microphone is active)

Remote speakers.

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Medical Services

Minimum Medical requirement

MTB races vary regarding discipline of event, numbers of participants, nature of track and availability of ambulance and hospital services.

- Qualified Medical Director – expertise with acute trauma, sports injuries and exercise physiology ie
 - Doctor
 - Medical Practitioner
 - Appropriately skilled Paramedic (Emergency service)
- Minimum 4 to 6 contracted First Aid responders (sole responsibility at the event)
- 2 support Volunteer club officials with a first aid certificate
- Emergency vehicle access

Communication/Radio

Minimum communication requirement

- UHF radios with closed circuit channel
 - 25 XCO
 - 45 XCO/DHI
- Backup mobile phone coverage

Fencing

Minimum hard fencing requirement

Crowd control barriers requirements are:

- XCO – the finish straight (both sides).
- DHI – Min finish bowl is 35m and it needs to be fully fenced.