



## Rules and Class regulations

The 2021 season will have 5 official classes as listed below;

1. Euro Trucks
2. Front Wheel Drive
3. 21.5 Turn BLINKY Touring
4. 17.5 Turn Boosted Touring
5. Touring Modified

Entry fee per class is R200. There is no affiliation required to participate. Each race will be of 5 minutes duration, plus the time to complete the last lap.

Personal transponders are essential. Club transponders will only be available at the first 2 GRC events. We encourage every driver to invest in a personal transponder, as it has become just as important as a battery or motor. You CAN NOT run without one.

Marshalling is just as important as the racing itself. After your heat, put your car down, and report to/go to your marshalling spot immediately. Your best time may be docked if you do not marshal or arrive at your spot late.

Race referee – The winner of a heat will be required to be the race referee for the next race, as opposed to marshalling. If the driver is not confident of the referee duty, the race director will appoint a different referee.

Seeding after Round 1 at KMR will be done according to championship log position. Points are awarded as follows:

Overall Qualifying : 50 – 1<sup>st</sup>, 49 – 2<sup>nd</sup>, 48 – 3<sup>rd</sup> -->

Overall Mains : 50 – 1<sup>st</sup>, 49 – 2<sup>nd</sup>, 48 – 3<sup>rd</sup>→

1 Additional point is awarded for TQ in each class.

Drivers for every heat are required to take their cars through pre-race tech. This happens during the heat BEFORE your actual heat. By the time the buzzer sounds, signalling the end of the heat, your car must be through pre-race tech.

Penalties for driving offences will be issued by race control at the discretion of the race director.

Tyres for all classes are limited to ONE set for the entire event. Tyres will be marked in the morning before qualifying, and checked before each heat. In the event of a breakage, the broken wheel as well as a replacement of similar age must be presented to race control for approval.

Any modifications not described in the regulations are not allowed.

Any approved 2s Hardcase Li-Po may be used. Li-Po battery voltages will be checked **before** every race, the maximum allowable voltage for a charged battery pack is 8.44v. If a driver is found to have a higher voltage than stated, he or she will not be allowed to participate in that heat.

Tyres - All Touring Class competitors will be permitted to use ANY 24mm Rubber Tyres. ALL classes will be limited to a single set of tyres for the entire event. Tyres will be marked prior to qualifying and checked during

pre-race tech. Should a tyre/tyres not have the relevant marking during pre-race inspection, that car will not be allowed to participate in the applicable heat. Tyre warmers are allowed in all classes, EXCEPT Euro Trucks. Any tyre additive will be allowed, EXCEPT for Euro Trucks, where NO additive is allowed. ONLY brake cleaner will be allowed on the Euro Truck tyres for cleaning purposes. Euro Trucks will be allowed the stock Tamiya truck tyre OR Redline Prototype tyre.

Any other issues not clarified in the regulations shall be handled at the discretion of the race organiser.

## ***Playzone EURO TRUCK REGULATIONS***

1. Only TT01/TT01E/TT02 (Type S not allowed) kits may be used in this class.
  - Any hop-ups may be used, **with THE EXCEPTION OF aluminium suspension arms and adjustable camber**
2. The speed controller is limited to the TBLE-02S (Item 45057) electronic speed control, as supplied in the original kit as well as the Hobbywing 1060.
3. The motor is limited to a standard, 2-slot, Johnson 540 motor or RS-540 Torque Tuned motor (Item 54358). Any attempt to modify or to influence the ability of the motor is NOT allowed.
4. Only standard stick type (round case, not square or rectangular) Ni-Cd, Ni-Mh 7.2v batteries or Li-Po 7.4v batteries UP TO 4000mah, MAX discharge of 40C are allowed. Battery wires can be modified at the bottom of the connector to accept other types of speed controller connectors. Wire length must exceed 3cm. Please note that modification of the battery compartment is NOT allowed.
5. Truck does not have to be equipped with cockpit detail and a driver figure.

6. The tallest gear ratio (lowest FDR) that one may use for this class is as follows.
  - TT01 - Pinion 24T + Spur Gear 58T (53665)
    - TT02 - Pinion 27T + Spur Gear 68T (54500) or Pinion 26T + Spur Gear 64T
  
7. Tyres are limited to the Tamiya (51589) On-Road Racing Truck Tyres. Rims are limited to either Tamiya (51588) On-Road Racing Truck Wheels F/R or any compatible Tamiya M-Chassis wheel. Any Tamiya insert or inner may be used.
  
8. The Redline Prototype tyre may also be used.
  
9. You are not allowed to lock your front differential however the use of Differential Putty is allowed.
  
10. Alternative bodies such as the Montech, Bittydesign etc are allowed. **No wings are allowed.**
  
11. Minimum weight of 1450g

***A r c Front wheel drive***

1. Any ETS/SARDA/Tamiya Approved Hatch Back bodies will be permitted.
2. Any commercially available FWD is permitted, as well as any commercially available 4WD/FWD conversion kits.
3. Motor and ESC must be in line with SARDA regulations:
  - Hobbywing XR10 Justock Esc with a Hobbywing G2.1 sealed 13.5t motor. Any gearing is allowed.
4. Minimum weight 1250g

## ***Blck sheep 21.5 touring***

1. Any commercially available 4wd Touring Chassis will be allowed.
2. Any SARDA/Tamiya Cup/ETS Approved touring bodyshell may be used. Wings as per SARDA regulation.
3. ANY esc in BLINKY MODE will be allowed. Blinky mode will be checked during pre-race inspection.
4. ANY ROAR approved 21.5T Motor (Fixed OR adjustable timing) may be used
5. Gearing will be OPEN
6. Minimum Weight 1320g

## ***17.5t boosted touring***

1. Any commercially available 4wd touring car is allowed
2. Any ROAR approved 17.5T motor is allowed.
3. Any ESC is allowed. Timing profiles may be used.
4. Any SARDA/Tamiya Cup/ETS approved bodyshell may be used. Wings as per SARDA regulation.
5. Minimum Weight 1320g

## ***Touring Modified***

1. Any commercially available 4wd touring car is allowed
2. Any ROAR approved motor is allowed.
3. Any ESC is allowed. Timing profiles may be used.
4. Any SARDA/Tamiya Cup/ETS approved bodyshell may be used. Wings as per SARDA regulation.
5. Minimum Weight 1320g

***LET'S GO RACING!***