

2014 Timezone Gran Prix

General Building and Event Rules:

Battery Safety: All batteries must be charged using a purpose built Lipo Sack, all 2 cell packs must be connected to a balance port of the charger during discharge and charge. A maximum charge rate shall not exceed 2C charge rate. (1) Cell maximum voltage: 4.22v. (2) Cell maximum voltage: 8.44v. Maximum battery temperature shall not exceed +10 Degrees over room ambient temp. All Lipo batteries shall be stored in a purpose built lipo sack overnight or when left unattended. Safety that is what this is all about. Safety for you, your fellow racers, spectators and the building. We want everyone to have fun and the rules we set are there to ensure a safe and fun event for everyone.

Traction Compounds: Jack the Gripper and SXT 3.0. Tires may be cleaned with the allowed traction compounds, Simple Green, Motor Spray, or Water.

General Motor Limitations: **The D3.5 based motors, 17.5 and 13.5 will not be legal for use at this event. All Motors must be on the current ROAR Approved List.

Technical Inspection Checks:

Weight

Voltage

Tires

Wing shall be no taller than the roof height.

Spot checks may be performed by the tech director at any time to ensure conformity with the events specs and rules.

Class Rules:

World GT: 1/10th scale pan car chassis. 930g minimum weight. 4mm minimum ride height. Maximum track width 200mm, ROAR-approved 13.5t brushless motors*. ROAR-approved Non-Timing ESC. CRC/BSR/Jaco spec tires. ROAR-approved GT bodies. Maximum 3.7v 1s lithium technology batteries. Batteries must be on ROAR-approved list.

Stock Touring: 1/10th scale 4wd touring chassis. 1375g minimum weight. 5mm minimum ride height. Maximum track width 190mm, ROAR-approved 17.5t brushless motors*. ROAR-approved Non-Timing ESC. Jaco Blue spec tire. ROAR-Global Spec approved touring car bodies. Maximum 6-cell NiMH or NiCd batteries or maximum 7.4v 2S lithium technology batteries. All batteries must be on ROAR-approved list.

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Modified Touring: 1/10th scale 4wd touring chassis. 1375g minimum weight. 5mm minimum ride height. Maximum track width 190mm, Any ROAR-approved 540-size brushless motor, Open ESC. Jaco Blue spec tire. ROAR-Global Spec approved touring car bodies. Maximum 6-cell NiMH or NiCd batteries or maximum 7.4v 2S lithium technology batteries. All batteries must be on ROAR-approved list.

Stock 1/12th: 1/12th scale pan car chassis. 730g minimum weight. 3mm minimum ride height. ROAR-approved 17.5t brushless motors*. ROAR-approved Non-Timing ESC. ROAR-approved GTP and LMP bodies. Maximum 3.7v 1s lithium technology batteries. Batteries must be on ROAR-approved list.

Modified 1/12th: 1/12th scale pan car chassis. 730g minimum weight. 3mm minimum ride height. Any ROAR-approved 540-size brushless motor. Open ESC. ROAR-approved GTP and LMP bodies. Maximum 3.7v 1s lithium technology batteries. Batteries must be on ROAR-approved list.

Scale Spec: 1/10th scale electric chassis. 1450g minimum weight. 5mm minimum ride height. Maximum track width 190mm, Tamiya 540 silver can motor or approved Novak 25.5t brushless motors. 12.3mm rotors only. No restriction on endbell timing. ROAR-approved Non-Timing ESC for brushless motors. HPI D Compound tires. Realistic, scale bodies must be run on all chassis. VTA bodies may run included rear-deck spoilers. GT bodies may run included wings, or option wing sets that emphasize scale appearance. Maximum 6-cell NiMH or NiCd batteries or maximum 7.4v 2S lithium technology batteries. Batteries must be on ROAR-approved list.

Formula 1: Any 1/10th scale rear wheel drive electric chassis. 1050g minimum weight. 4mm minimum ride height. 190mm maximum width, Tamiya 540 silver can or 21.5t brushless motor. ROAR-approved Non-Timing ESC for brushless motors. F1 scale rubber tire. Front and rear wings to scale and correct with body. Maximum 6-cell NiMH or NiCd batteries or maximum 7.4v 2s lithium technology batteries. Batteries must be on ROAR-approved list.