



Rules 2022
Summer season

1. Organizational unit of the race

1.1. MRcup is organized in cooperation with Rc Blansko, RC MCC BRNO and Modelklub Svitavy

Electric Track 1:10 series of controlled car models. Individual races are organized as one-day with the possibility training the day before the race. The overall winner will be announced in the last race. They are included in the overall ranking at least three races. With a higher number of races, the one worst result is deleted.

1.2. V MRcupu jsou vypsány následující kategorie:

- ⌚ Electric Track 1/10 TC MODIFIED
- ⌚ Electric Track 1/10 TC PRO STOCK 13,5T Muchmore
- ⌚ Electric Track 1/10 FORMULE 21,5T Efra
- ⌚ Electric Track 1/10 WORLD GT 13,5T Efra
- ⌚ Electric Track – Hobby, Hobby kids
- ⌚ Additional categories can be added, but only categories with ELECTRIC motors !!!

1.3. There will be announcements at individual races

⌚ Top five in each category and winners of the final groups (with a lower number of riders in the category only the first three)

⌚ The first Pupil in each category - riders who turn 12 in 2022

(born 1.1.2010 and later)

- in the Hobby category, the first three students in the race will be announced separately!

⌚ The first JUNIOR in each category - riders who turn 17 in 2022

(born 1.1.2005 and later)

⌚ the best 50+ rider in each category, who will turn 50 in 2022

(born 1.1.1972 and earlier)

1.4. The organizer has the opportunity to award prizes beyond the stated conditions

1.5. If any of the organizers is physically or verbally attacked by the competitor or

he will be expelled from the race.

1.6. Competitors are obliged to compete so as not to do harm to others, damage to the property of the organizing club and

race organizers

1.7. In the overall ranking of the series, they will be announced for all categories

⌚ The announcement of the best riders and premium evaluations will take place at the start of at least three races. If the specified number of races fails, it is not possible to declare champions for the given year.

⌚ Top five in each category

⌚ the best STUDENT in individual categories - riders who turn 12 in 2022

(born 1.1.2010 and later)

⌚ the best JUNIORS in individual categories - riders who turn 17 in 2022

(born 1.1.2005 and later)

⌚ the best 50+ in each category, which in 2022 will turn 50 years

(born 1.1.1972 and earlier)

2. Time schedule

2.0. The track will always be open no later than 5 pm the day before the race. If conditions allow, sugar will already be on

this training. The training will end no later than 10 pm - or according to the organizer's possibilities.

2.1. On the day of the race, the areas will be open from 7:00

2.2. Free training from 7:00 - 8:00 and from 8:00 - 9:00 hours by categories.

2.3. Debate and photo shoot 9:10

2.4. The qualifying races of the individual groups and the final races start at 9:30 am.

2.5. The organizer will take such measures as will ensure that there will be a maximum of 10 riders on the track during free practice.

2.6. The training will be organized, according to categories!

2.6. After qualifications 15-20min to create groups and lunch. We will not stretch the race unnecessarily, but everything has its own

time. Expected end even with the announcement by 5 pm-6pm (rather sooner depending on the number of riders).

3. Entries and entry fees

3.1. The following provisions apply to early registration:

- **15,- Eur (350,- Kč)** entry fee for the first category
- **10,- Eur (250,- Kč)** entry fee in the category of juniors and riders over 60 years of age
- **8,- Eur (200,- Kč)** entry fee for the second category for all and for pupils
- training the day before the race is charged a maximum price of **6,- Eur (150,- Kč)** per person
- Pupils under 12 have free training

3.2. If the competitor registers on the day of the race, he will pay the entry fee

fee of **5 EUR (100,- Kč)**.

3.3. Entries will always end on the Thursday before the race at 20:00 !!!

3.4. Every competitor is obliged to have an AMB personal chip, if he does not own this chip, it will be lent to him for a fee

5,- Eur (100,- Kč) by the organizer (it is necessary to find out in advance about the possibility of lending).

4. Race organization

4.1. The competitor is evaluated in the race at the moment of starting the second qualifying race.

4.2. Length of the ride - 5 minute qualifiers and finals.

4.3. Qualification will run for min. 3 qualifying races. In the case of a smaller number of competitors, the number may be

qualifications increased to 4 rides.

4.4. Qualification evaluation - the qualification is evaluated in points (for the 1st place 100 points, for the 2nd place 99 points. Etc.)

according to the order in the qualification round. Two better results count towards the qualification results. If the riders will have after

qualifying the same number of points, decides the best time and raid in any qualifying race.

4.5. The final races take place 3 times in all final groups.

4.6. Evaluation in the final - in the final race, points will be awarded for placement, ie. for 1st place 1 point, for

2nd place 2 points up to 10 places. The worst result is deleted, the winner with the lowest total points wins. In the case of equality points decides the position on the grid after qualifications.

4.7. If a competitor does not start for any of the final races he has qualified for, he will be counted in his final last.

4.8. The organizer decides on the number of riders in the qualifiers and in the final according to the number of riders in the given category. However, a minimum of 4 riders and a maximum of 12 riders in a group is a condition. Final A is recommended to ride in ten riders - the minimum number in A final is 8 models). The organizer can adjust the number of riders. The numbers of riders in the groups and the related information must be announced in the morning debate.

5. Referee - penalties and reprimands

The judge supervises the course of the race and the behavior of the riders. He responds to situations immediately and at his best discretion and decision.

The judge supervises the course of the race and has the final say in conflicts on the track and in the stands. He also communicates with the technical control, the race director about the course and schedule.

The rider is obliged to obey the judge's statement! And then follow his statement. If this does not happen even after a reprimand, his **best ride will be deleted** or he will be **disqualified** from the race.

5.1. Punishments and reprimands

5.1.1.B. **RECORD** - the rider receives a warning in case of inappropriate behavior on the track, in the stands or shortening the track. If the rider does not "calm down" his actions on the track or in the stands, he will be awarded the so-called. STOP AND GO.

5.1.2.B. **STOP AND GO** - the rider is obliged to stop at a place predetermined by the organizer and wait for the referee's instruction to continue the ride.

5.1.3.B. **STRENGTHENING THE BEST RIDE** - this penalty can be used by the referee in case of non-compliance with the rules of deployment, it can be used in case of disobedience of reprimand of the subsequent STOP AND GO, or in case of non-compliance with technical rules - ignoring the technical control.

5.1.4.B. **DISQUALIFICATION** - the final decision of the judge and is consulted with the race director. It is awarded for gross violation of the rules (race - technical), or inappropriate behavior of the rider towards the organizer and other riders. The rider is obliged to leave the race and his behavior will be addressed with a proposal not to participate in MRcup events.

6. Series scoring system

6.1. The evaluation of the race is scored according to the table:

pořadí	Body	+	pořadí	Body	+	Pořadí	Body	+	pořadí	body	+
1	100	10	11	50	3	21	21	2	31	6	1
2	93	7	12	47	3	22	19	2	32	5	1
3	86	5	13	44	3	23	17	2	33	4	1
4	80	4	14	41	3	24	15	2	34	3	1
5	74	4	15	38	3	25	13	2	35	2	1
6	70	4	16	35	3	26	11	1	36	1	0,01
7	66	4	17	32	3	27	10	1	37	0,99	0,01
8	62	4	18	29	3	28	9	1	38	0,98	0,01
9	58	4	19	26	3	29	8	1	39	0,97	0,01
10	54	4	20	23	2	30	7	1	40	0,96	0,01

6.2. At least three races that will leave will be included in the overall standings in 2022, and if more than three races leave - the planned five, the worst result will be cut. The champions can be announced even after only three races!

6.3. If the points are equal, **the race with a larger number of riders in the category on the day of the race decides after registration with the race organizer.** If the number of riders is the same in the races being compared, **the last race of the season decides.**

6. TECH. SPECIFICATIONS

The technical inspection will be performed before the ride (battery tension, tires), but also during the ride on delayed models (gear ratios, motor, zeroboost...). The rider is therefore obliged to put the model away in a predetermined place by the organizer and the radio and go to deploy! The inspection can be performed by the organizer or at random!

➤ MODIFIED

- All Touring Cars chassis are permitted
- motors are not limited for the MODIFIED category
- tires free
- gear ratio free
- minimum weight 1320 g including personal transponder
- batteries are limited by a nominal voltage of 7.6V and LiPo batteries must be in a shatterproof package with sockets at the output terminals. Charging LiPo batteries is only possible in safety bags during the race. Failure to comply with this condition will result in disqualification from the race due to a serious breach of security.
- Battery charged to a maximum voltage of 8.40V
- maximum width of chassis without body 190 mm with body 200 mm
- pressure wing max. Width 190mm, the side profile of the wing must fit into a rectangle max. 20x40mm, the longer side is parallel to the track.
- The sash and side panels must not exceed the height of the body roof
- the minimum ground clearance of the model, including the body edges, is 5 mm
- Tire additive is allowed only non-smelling

➤ Pro Stock 13,5

- All Touring Cars chassis are permitted
- minimum weight 1320 g including personal transponder
- tires prescribed and marked by the organizer - Hudy A1-36
- tires can be purchased at a discounted price for MRcup for **31,-** EUR (available from the partner of the series Dan Holíš)
- maximum number of two sets per race (qualifiers and final runs)
- motor: Muchmore FLETA ZX V2 13.5T ER Fixtiming, Min. gear ratio 5-5.2: 1
- controllers without manufacturer restrictions
- The controllers must be in the Zero Boost setting. If the controller does not have the option of setting Zero Boost (it is an older production date or belongs to the "hobby" category), all gas performance parameters will be at the lowest possible value.
- batteries are limited by a nominal voltage of 7.6V and LiPo batteries must be in a shatterproof package with sockets at the output terminals. Charging LiPo batteries is only possible in safety bags during the race. Failure to comply with this condition will result in disqualification from the race due to a serious breach of security.
- Battery charged to a maximum voltage of 8.40V
- maximum width of chassis without body 190 mm with body 200 mm
- pressure wing max. Width 190mm, the side profile of the wing must fit into a rectangle max. 20x40mm, the longer side is parallel to the track.
- The sash and side panels must not exceed the height of the body roof
- the minimum ground clearance of the model, including the body edges, is 5 mm
- Tire additive is allowed only non-smelling

➤ World GT

- GT chassis with rear-axle driven only
- maximum width 200mm
- minimum weight 950 g including personal transponder
- Body GT racing only with removable rear wing. The side profile of the wing must fit into a rectangle max. 20x45mm, the longer side is parallel to the runway. The sash dimensions must correspond to the width of the body!
- mossy and rubber tires
- Tire lubrication is only permitted without odor
- motors only 13.5turns EFRA. The number of turns must be marked at the factory on the motor
- controllers without manufacturer restrictions
- The controllers must be in the Zero Boost setting. If the controller does not have the option of setting Zero Boost (it is an older production date or belongs to the "hobby" category), all gas performance parameters will be at the lowest possible value.
- batteries are limited by a nominal voltage of 7.6V and LiPo batteries must be in a shatterproof package with sockets at the output terminals. Charging LiPo batteries is only possible in safety bags during the race. Failure to comply with this condition will result in disqualification from the race due to a serious breach of security.
- Battery charged to a maximum voltage of 8.40V
- Tire additive is allowed only non-smelling

➤ FORMULE

- any chassis with only the rear axle driven. Independent rear axle suspension is not permitted.
- maximum chassis width is 190 mm
- motors only with a minimum of 21.5 turns EFRA. The number of turns must be marked at the factory on the motor. Motor timing enabled
- The controllers must be in the Zero Boost setting
- gear ratio free
- Ride GR tires only and their covers (RIDE GRX tires are prohibited!)
- minimum weight 1050 g including personal transponder
- body only formula models with driver's helmet
- the minimum ground clearance of the model, including the body edges, is 4 mm
- batteries are limited by a nominal voltage of 7.6V and LiPo batteries must be in a shatterproof package with sockets at the output terminals. Charging LiPo batteries is only possible in safety bags during the race. Failure to comply with this condition will result in disqualification from the race due to a serious breach of security.
- Battery charged to a maximum voltage of 8.40V
- Tire additive is allowed only non-smelling

➤ Hobby and Kids

- All Touring Cars chassis are permitted
- minimum weight 1320 g including personal transponder

Volné tires loose

- motors only with a minimum of 21.5turns EFRA. The number of turns must be marked at the factory on the motor. Motor timing enabled
- minimum gear ratio 5:1
- Any modifications and use of other rotors are prohibited on the motor
- The controllers must be in the Zero Boost setting. If the controller does not have the option of setting Zero Boost (it is an older production date or belongs to the "hobby" category), all gas performance parameters will be at the lowest possible value.
- batteries are limited by a nominal voltage of 7.6V and LiPo batteries must be in a shatterproof package with sockets at the output terminals. Charging LiPo batteries is only possible in safety bags during the race. Failure to comply with this condition will result in disqualification from the race due to a serious breach of security.
- Battery charged to a maximum voltage of 8.40V
- maximum width of the chassis without body 190mm
- the minimum ground clearance of the model, including the body edges, is 5 mm
- Tire additive is allowed only non-smelling
- pressure wing max. Width 190mm, the side profile of the wing must fit into a rectangle max. 20x40mm, the longer side is parallel to the runway (recommended model wings).

➤ **Additional categories/classes**

- According to the requirements of the riders, a category that is not fixed in the rules can be added to individual races
- Only categories with ELECTRIC motors can be added
- if this category does not meet the rule of at least 6 models, it will be canceled or inserted into another category according to discretion of the organizer

What is not allowed is forbidden!

Parts sales:

Those interested in selling parts are welcome with the condition of a small raffle.

Refreshments are provided by the organizer according to the possibilities of his and the organizing club and with regard to the pandemic situation.

The organizer is not obliged to provide tables and chairs. This equipment must be provided by each rider. If the organizer allows it, it is a helpful gesture and THANK YOU!

The rider, participant, escort grants consent by registering for the race with the following provision!

I participate in the races at my own risk and I undertake to follow all safety and organizational instructions given by the organizer.

By participating in the races, I agree to photograph the participants and publish media material on the Internet and social networks for cup and model sport advertising.

I have also acquainted my entourage with the conditions and also agrees to abide by the established safety rules and behavior at the race.

On behalf of the implementation team, I would like to thank all the clubs, organizers, partners and also your riders and I look forward to great battles on the track and a friendly mood not only at the depot during the second year of MRcup !!!

Principal Aleš Horák