

TECHNICAL RULES

MINI-Z BOX STOCK (MZBX)



Spirit of box stock is to take your readyset Mini-Z with minimal upgrades and just race!

Motor: Kyosho MZ9P

Chassis: Kyosho MRxxx

Rims: R:11x20, F:8.5x20 **Tires:** Type A

Optional parts:

Only: T-Plate, ST bar, ball bearings, disc damper, front knuckles (0 deg), front springs **Weight:** min. 170g

Electronics: No modifications, no soldering of any connections that aren't originally soldered

Bodies: Autoscale, TRP, R246, not lexan

Batteries: 4x AAA NiMh

Additional info: Only minimal modifications to original parts can be made. For example chassis bottom can't be made thinner. Original screws can be changed. Gearing: 44T / 9T

2WD STOCK (2WST)



In 2WD Stock class you are limited only by motor and batteries.

Motor: PN 70T 110670 (handout), PN 3500kv (your own, will be checked)

Chassis: Open

Rims: R:11x21.5, F:8.5x21.5

Tires: Type A **Optional parts:**

Commercially available

Weight: min. 170g

Electronics: Kyosho AM, AD, ASF, VE, VE-PRO, PN DSM2

Bodies: Autoscale, TRP, R246, not lexan

Batteries: 4x AAA NiMh

Additional info: You can clean and break in the handout 70T motor. Opening or modifying the motor will result in disqualification. PN Brushless only with original rotor. FETs can be changed.

2WD LEMANS (2WLM)



LM class is strictly 102mm wheelbase and strictly LM bodies with limited motor and batteries.

Motor: PN 50T part nr: 113250, 133250, PN 5500kv brushless: 140055 (V1 and V2), Kyosho MZW501

Chassis: Open

Rims: R:11x21.5, F:8.5x21.5

Tires: Type A

Optional parts:

Commercially available

Weight: min. 170g

Electronics: Free

Bodies: Autoscale LM Bodies only

Batteries: 4x AAA NiMh

Additional info: Brushes can be changed to original 10CR50 brushes. Neodymium magnets 10NM13 and 10NM14 are not allowed. PN brushless only with original size rotor.

F1 PRO-STOCK (F1PS)



F1 class intention is to be a true mini F1-experience.

Motor: PN 50T part nr: 113250, 133250 , PN 5500kv brushless: 140055 (V1 and V2), Kyosho MZW501

Chassis: Kyosho MF-xxx. Chassis with similar geometry are welcome, but must follow MF-xxx outline geometry and fit Kyosho F1 bodies.

Rims: F1 original size - **Tires:** Type B

Optional parts:

Open, no front bumpers with bearings

Weight: min. 190g

Electronics: Free

Bodies: Kyosho F1 bodies

Batteries: 4x AAA NiMH

Additional info: The intention is to keep the cars as realistic as possible. Motors with ball bearings are allowed.

2WD/4WD OPEN (24OP)



In Open-class you basically limited by the size of the car and body.

Motor(s), Chassis, Optional parts, Electronics, Weight: Open
Rims: Open - **Tires:** Type A
Batteries: <8.4V any chemistry
Bodies: Commercially available

Additional info: This is the ultimate drive what you bring -class for the true mini-RC enthusiast!

GENERAL INFO

Lexan windows and lexan roof allowed in all classes. Excessive body modifications are not allowed. Spirit is to keep realism but allow for functional modifications.

Race control has the final word in all rule related issues.

DIMENSIONS

	Lenght (mm)	Width (mm)	Wheel- base	R. Spoiler
MZBX	<180	<80	<102	original
2WST	<180	<80	<102	<45
2WLM	<180	<80	102	<45
F1PS	<205	<85	128-132	<50
24OP	<180	<85	<106	<55

TIRES

Type A: No silicone, no foam tires. No traction compounds. Only rubber tires, incl. urethane.

Type B: No silicone, no foam tires. No traction compounds. Only rubber tires that fit perfectly to original style F1 rims are allowed. No urethane.