Schumacher Mi8

Setup: MICC - Round 5 · Tim T (Willspeed) · Jul 6, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT

Event	Midlands indoor carpet championship round 5

TRACK

Track	MICC
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Medium / Open

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Outer steering link location	C - Kit steering arm
Anti-roll bar	1.3 mm
Bump steer: outer steering link shims	1 mm
Camber	-2 degrees
Caster	4 degrees
Differential/spool height	Mark at half way between facing rear and bottom
Droop	23.4 mm
FF arm mount shims	1 mm
FR arm mount shims	1 mm
Ride height	5.2 mm
Shocks: tower mounting hole	1 - Inside
Steering blocks	Kit
Steering travel - in/out	24.5 / 17.5 degrees
Toe	-1 degrees
TRACK	
Axle shims	0 mm
Wheel hexes	Medium
Upper link mounts	0 dot
Upper link type	Links
UPPER LINKS	
Inner stud shims	1 mm
Outer stud shims	3 mm

NOTES Body stops replaced with 10mm instead on 8mm screws

ELECTRONICS

Battery brand	Turnigy
Battery C rating	140
Battery capacity	5500 mAh
ESC brand	Hobbywing
ESC model	Juststock xr10
ESC settings	5% drag brake, 100% brake on esc, 85% brake on transmitter
Motor brand	Surpass
Motor model	Rocket V5R
Motor timing	51 degrees
Radio brand	Sanwa/Airtronics

NOTES 66% steering dual rate, 40mm motor fan. -15% steering curve

REAR SUSPENSION

Anti-roll bar	1.1 mm
Camber	-2 degrees
Caster	4 degrees
Differential height	Mark facing front
Droop	21.4 mm
Hubs	Composite
RF arm mount shims	1 mm
Ride height	5.4 mm
RR arm mount shims	1 mm
Shocks: tower mounting hole	1 - Inside
Toe - active	2.3 degrees
Toe - active: shims	No shims, links mounted to top of hub instead of bottom, left and right hubs swapped mm
Toe - static	3 degrees
TRACK	
Axle shims	1 mm
Wheel hexes	Medium
Upper link mounts	0 dot
Upper link type	Links
UPPER LINKS	
Inner stud shims	0 mm
Outer stud shims	3 mm

TIRES

	FRONT	REAR
Tire additive	Supplied	Supplied
Tire additive area	In, Mid-in, Mid-out, Out	In, Mid-in, Mid-out, Out
Tire brand / type	Volante 28	Volante 28

NOTES Only additive on front tires during warm up. From then onwards just the inside front and full rear. Super glue front sidewalls.

SHOCKS

	FRONT	REAR
Cap type	Vented	Vented
External limiters	0 mm	0 mm
Oil weight	300 cst	300 cst
Pistons	4 x 1mm	4 x 1mm
Springs	2.8 N/mm Yellow	2.9 N/mm Purple
Stroke	9 mm	9 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	12,000 cst
Rear diff fluid mass	1.6 g	

DRIVETRAIN

Drive ratio - final	3.9
Drive ratio - internal	1.818
Gear pitch	48
Pinion	35 teeth
Spur	75 teeth

BODY & CHASSIS

Body	Montech imola
Body height - front	6 mm
Body stopper height	6 mm
Bumper	Kit
Bumper brace	Kit
FLEX	
Chassis	Carbon fiber
Chassis brace	None
Motor mount screws	1 - Front, 2, 3, 4
Upper deck	2.0mm
Upper deck dowel	Position A
Rear wing	Pre-cut
Rear wing height	114
Weight: total	1290 g