Schumacher Mi8

Setup: MB models - Volante 28 · Tim T (Willspeed) · Jul 6, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT	
Event	Club night
Class	17.5t

TRACK	
Track	MB raceway
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	20°C (68°F)

RESULTS	
Race type	Main
Race number	A
Finish	4th

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Outer steering link location	C - Kit steering arm
Anti-roll bar	1.4 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	0 mm
FR arm mount shims	0 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	3 mm
Outer stud shims	3 mm

NOTES Body stops replaced with 10mm instead on 8mm screws. 1mm spacer removed from below front hub.

ELECTRONICS

Battery brand	Turnigy
Battery C rating	140
Battery capacity	5500 mAh
ESC brand	Hobbywing
ESC model	Juststock xr10
ESC settings	0% drag brake, punch 7, 85% brake on transmitter
Motor brand	Surpass
Motor model	Rocket V5R
Motor timing	48 degrees
Radio brand	Sanwa/Airtronics

NOTES 73% steering dual rate, 40mm motor fan

REAR SUSPENSION

Anti-roll bar	1.3 mm
Camber	-2 degrees
Caster	4 degrees
Differential height	Mark facing front
Droop	21.4 mm
Hubs	Composite
RF arm mount shims	0 mm
Ride height	5.4 mm
RR arm mount shims	0 mm
Shocks: tower mounting hole	1 - Inside
Toe - active	4 degrees
Toe - active: shims	0 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	2 mm
Outer stud shims	3 mm

NOTES 1mm spacer removed from below hub

TIRES

	FRONT	REAR
Tire additive	MR32 v4 carpet	MR32 v4 carpet
Tire additive area	In, Mid-in	In, Mid-in, Mid-out, Out
Tire brand / type	Volante 28	Volante 28

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

ESC SETTINGS

Brake: Drag	0 %

NOTES Blinky

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	2.9 N/mm Purple	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	4.6
Drive ratio - internal	1.818
Gear pitch	48
Pinion	32 teeth
Spur	81 teeth

BODY & CHASSIS

Body	Twister
Body height - front	6 mm
Body stopper height	6 mm
Bumper	Kit
Bumper brace	Kit
FLEX	
Chassis	Aluminum
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