Schumacher Mi8

Setup: 12/6 Rose City club race · Zack Morgan · Dec 8, 2025

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT	
Event	Club race December 6th
Class	21.5 touring

TRACK	
Track	Rose city world of RC
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Medium/Smooth / Tight

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	C - Kit steering arm
Anti-roll bar	1.2 mm
Bump steer: outer steering link shims	1 mm
Camber	-2 degrees
Caster	4 degrees
Differential/spool height	Low
Droop	23 mm
FF arm mount shims	0 mm
FR arm mount shims	0 mm
Ride height	5 mm
Shocks: tower mounting hole	2 - Mid-in
Steering blocks	Aluminum
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	1.5 mm
Outer stud shims	3 mm

ELECTRONICS

Battery brand	ProTek
Battery capacity	6400 mAh
Battery model	6400 lihv
ESC brand	Hobbywing
ESC model	Xr10 pro
Motor brand	Trinity
Motor model	Slot machine 2
Motor timing	50 degrees
Motor wind	21.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA steering	75 %
Radio model	M17
Receiver brand	Sanwa/Airtronics
Receiver model	Rx482
Steering servo brand	ProTek
Steering servo model	160SS

NOTES Steering speed -15%
Brake EPA 80%
Steering curve -10%

REAR SUSPENSION

Anti-roll bar	1.2 mm
Camber	-2 degrees
Caster	4 degrees
Differential height	Low
Droop	22 mm
Hubs	Composite
RF arm mount shims	0 mm
Ride height	5.4 mm
RR arm mount shims	0 mm
Shocks: tower mounting hole	2 - Mid-in
Toe - active	3.5 degrees
Toe - active: shims	3 mm
Toe - static	3 degrees
TRACK	
Axle shims	0 mm
Wheel hexes	Medium
Upper link mounts	0 dot
Upper link type	Links
UPPER LINKS	
Inner stud shims	1.5 mm
Outer stud shims	3 mm

BODY & CHASSIS

Battery position	Middle
Body	Extreme aerodynamics Twister
Body height - front	7mm
Body mounts	Vertical
Body stopper height	0 mm
Bumper	Alera3d
Bumper brace	Kit
FLEX	
Chassis	HGT Aluminum
Chassis brace	None
Motor mount screws	1 - Front, 2, 4
Upper deck	1.6mm
Upper deck dowel	Both
Rear wing	Twister .5mm
Rear wing height	111
Rear wing trim	Low mark
Screws & turnbuckles	Klinic Titanium screws
Weight balance (F/R)	49 / 51
Weight: total	1326 g
Weights	26g under battery weight. Approx 60g of brass used to achieve 50% left/right balance and get to minimum weight.

NOTES HGT kit installed
Body mounted 0mm

SHOCKS

	FRONT	REAR
Cap type	Vented	Vented
External limiters	0 mm	0 mm
Oil weight	35 wt	35 wt
Pistons	4 x 1mm	4 x 1mm
Rebound	1 mm	1 mm
Springs	Xray xrp 2.5-2.8	Xray xrp 2.6
Stroke	9 mm	9 mm
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	Spool cst	7,000 cst
Diff type	Spool	Gear
Rear diff fluid mass	1.6 g	

DRIVETRAIN

Drive ratio - final	4.22
Drive ratio - internal	1.818
Gear pitch	64
Pinion	48 teeth
Spur	114 teeth

NOTES Bearings decreased and lubricated with 1up Bearings oil

TIRES

	FRONT	REAR
Tire additive	Sxt 3.0	Sxt 3.0
Tire additive area	In, Mid-in	In, Mid-in, Mid-out, Out
Tire brand / type	Gravity	Gravity
Tire compound	Type-c	type-c
Tire glue diameter	Full sidewall front mm	–
Tire insert	Gravity	Gravity
Tire prep	Brake clean each heat	Brake clean each heat
Wheel brand / type	Gravity	Gravity

NOTES Front tires glued sidewall to edge. Additive on full tire front and rear 5 minutes before heat.

ESC SETTINGS

Throttle: Frequency	2000 kHz