Schumacher Mi6 and Mi6 EVO

Setup: Irocc carpet · Mike Simister (Klinik Rc) · Nov 28, 2020

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TRACK

Track	Irocc - Eagle Ridge
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Open
Track temp	70°F (21°C)

RESULTS

Best lap	14.3 s
Average lap	14.761 s

FRONT SUSPENSION

Anti-roll bar	1.4mm - 4 dot
Arms	Carbon fiber
Axle shims	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	3 - Front
Inner stud spacers	1.0 mm
Outer stud spacers	0.5 mm
Caster block	4 degree
Droop	6 mm
FF mount	46.0mm
FR mount	Kit (#U4889 / 91)
FR mount orientation	Line in
Hub carriers	Composite
Ride height	5 mm
SHOCKS	
Arm mount spacers	1.5 mm
Tower mount spacers	0 mm
Tower mounting hole	2 - Middle
Steering blocks	Kit
STEERING LINK	
Inner stud spacers	1.0 mm
Outer stud spacers	0.5 mm
Steering lockstop	12 mm
Toe	-2 degrees
Tower	Kit
Wheel hex	Narrow
Wheelbase (arm spacers)	Front 2mm / rear 0mm

ELECTRONICS

Battery brand	LRP
Battery C rating	120
Battery capacity	6400 mAh
Battery model	Graphene 3
ESC brand	LRP
ESC model	Flow X 4.3
Motor brand	LRP
Motor model	X22
Motor timing	42 degrees
Motor wind	21.5 turns
Radio brand	Sanwa/Airtronics
Radio model	M17
Receiver brand	Sanwa/Airtronics
Receiver model	482
Steering servo brand	Power HD

REAR SUSPENSION

Anti-roll bar	1.2mm - 2 dot
Arms	Carbon fiber
Axle shims	0 mm
Camber	-2.5 degrees
CAMBER LINK	
Inner stud location	3 - Outside back
Inner stud spacers	0.5 mm
Outer stud mount	2 groove
Outer stud spacers	1.0 mm
Droop	5 mm
Hubs	Composite
RF mount	Kit (#U4889 / 91)
RF mount orientation	Line out (+0.5 deg toe-in)
RF mount spacers	0 mm
Ride height	5.4 mm
RR mount	46.1mm
SHOCKS	
Arm mount spacers	1.5 mm
Tower mount spacers	2.0 mm
Tower mounting hole	2 - Mid-in
Tower	Kit
Wheel hex	Wide
Wheelbase (arm spacers)	Front 1.4mm / Rear 1mm
Wheelbase (hub spacers)	Front 2mm / rear 2mm

BODY & CHASSIS

Chassis	Carbon fiber
Motor position	Rear
Upper deck	2.0mm

SHOCKS

	FRONT	REAR
Cap type	Sealed	Sealed
Oil weight	450 cst	500 cst
Peripheral dampening	No	No
Pistons	3 hole	3 hole
Rebound	10 %	10 %
Springs	Blue 15lb	White 14lb
Stroke	10 mm	10 mm

Shock oil brand: CORE

NOTES Piston holes drilled 1.1mm both front and rear

DIFFERENTIALS

	FRONT	REAR
Diff fluid	N/A cst	5,000 cst
Diff type	Spool	Gear

DRIVETRAIN

Drive ratio - final	3.73
Drive ratio - internal	1.818
Driveshafts - front	Steel
Driveshafts - rear	Steel
Gear pitch	64
Motor mount	Standard
Pinion	44 teeth
Spur	90 teeth

TIRES

	FRONT	REAR
Tire additive	SXT 3.0	SXT 3.0
Tire brand / type	Sorex	Sorex
Tire compound	30	30
Wheel brand / type	Sorex	Sorex
Tire glue diameter	–	0 mm