AE RC10 B74.1

Setup: High bite carpet · Mike Glyder (Magic hobbies) · Dec 31, 2022

so dialed
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TRACK

Track	Magic hobbies
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	75°F (24°C)
Track temp	65°F (18°C)

FRONT SUSPENSION

A mount inserts	0 center
Anti-roll bar	2.0mm
Arms	Carbon
Axle height	+3 mm
B mount inserts	0 center
Camber	-2 degrees
CAMBER LINK	
Inner stud location	5 - Inside middle
Outer stud spacers	2.0 mm
Caster block	9 degrees
Differential height	+3mm (2 dots down)
Ride height	13 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
Steering block arms	Kit
Steering blocks	Kit
Steering link stud spacers - in/out	1 / 0 mm
Steering link: inner stud location	1 - Front
Toe	0 degrees
Tower	Kit
Track: wheel hexes	5mm
Wheelbase: arm spacers	Long (arm forward)

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	Raw speed
Battery position	4 - Front	
Body	Lightweight	
Chassis	v2	
Chassis brace - front	Plastic & fiberglass	
Chassis brace - front screws	Front sides, Front, Middle, Rear	
Chassis brace - rear	Plastic & fiberglass	
Chassis brace - rear screws	Front, Mid-front, Mid-rear, Rear center, Rear sides	
Motor mount	Kit	
Rear wing angle	6 degrees	
Top plate brace	Carbon	

REAR SUSPENSION

Anti-roll bar	2.0mm
Arms	Kit
Axle height (hub insert)	+3mm - 0 down / 3 up
C mount	LRC
C mount inserts	1 out
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud mount spacers	1 mm
Outer stud spacers	2 mm
D mount	LRC
D mount inserts	0 center
Differential height	+3mm (2 dots down)
Hubs	Kit
Ride height	13 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	Kit
Track: wheel hexes	6mm
WHEELBASE	
Arm spacers	Long (arm back)
Hub spacers	Long (hub back)

TIRES

	FRONT	REAR
Tire brand / type	Proline prisims 2.0	Jconcepts pinswags
Tire insert	Open-cell	Open-cell
Tire prep	No sauce	No sauce
Wheel brand / type	Ae	Ae
Tire compound	–	Double dot pink

NOTES Prisms Little edgy to ran pin swags on rear to help keep the car from traction rolling

SHOCKS

	FRONT	REAR
Bodies	13x23mm	13x27.5mm
Cup offset	5 mm	0 mm
Eyelet length	Short	Short
Limiters - int/ext	0/6 mm	0/4 mm
Oil weight	750 cst	600 cst
Pistons	2 x 1.7mm FT v2	2 x 1.8mm FT v2
Shafts	3x23mm v2 TiN	3x27.5mm v2 TiN
Springs	Purple	Blue
Stroke	23.5 mm	28 mm
Shock oil brand	PT RC	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	15,000 cst
Diff gears	Plastic	Plastic
Diff mass	46.0 g	46.0 g
Center diff gears	N/A	
Center diff mass	44.5 g	
Diff fluid brand	AE	

DRIVETRAIN

Clutch pads	2
Clutch tightness	2.1-3.8 mm
Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	74mm CVA
Driveshafts - rear	66m CVA
Pinion	24 teeth
Spur	72 teeth

NOTES Trinity ceramic bearings in all drive train and hubs, center diff with 1m

ELECTRONICS

Battery brand	**ProTek**
Battery C rating	**120**
Battery capacity	**4600 mAh**
Battery model	**Lcg 4600**
ESC brand	**Hobbywing**
ESC model	**Hobbywing xr10 pro spec 80amp**
ESC settings	**30% drag**
Motor brand	**Fantom**
Motor Kv constant	**13.5 Kv**
Motor model	**Team works**
Motor timing	**48 degrees**
Motor wind	**13.5 turns**
Radio brand	**Futaba**
Radio EPA steering	**90 %**
Radio EPA throttle	**100 %**
Radio model	**7pxr**
Servo brand	**Spektrum**
Servo model	**6240**

NOTES 25 amps