AE RC10 B74.1

Setup: IOS 09/2022 · Thomas Wacker · Sep 21, 2022

so dialed
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EVENT	
Class	10.5 Stock

TRACK	
Track	IOS
Type	Indoor carpet
Grip / moisture	High/Medium / Dry
Surface / layout	Smooth / Medium

RESULTS	
Race type	Main
Race number	1
Finish	7th

FRONT SUSPENSION

A mount inserts	1 down
Anti-roll bar	2.0mm
Arms	Carbon
Axle height	+2 mm
B mount inserts	1 down
Camber	-1 degrees
CAMBER LINK	
Inner stud location	Middle
Outer stud spacers	2.0 mm
Caster block	10 degrees
Differential height	+2mm (1 dot down)
Ride height	16 mm
SHOCKS	
Arm mounting hole	RDRP - Inside
Tower mounting hole	1 - Inside
Steering block arms	HT0
Steering blocks	Kit
Steering link stud spacers - in/out	3 / 0 mm
Steering link: inner stud location	1 - Front
Toe	-1 degrees
Tower	RDRP LCG
Track: wheel hexes	5mm
Wheelbase: arm spacers	Long (arm forward)

NOTES RDRP steering rack, Droop 0mm
Steering link 20.9
Servo Link 31.5 mit XQ2 Ballcups
Axle +2 and 0mm Camber link out front is because of rim rubbing on ballcup

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Mini Dart	Schumacher Mini Dart
Tire compound	Yellow	Yellow
Tire insert	Open-cell	Open-cell
Tire prep	Side wall glued	None
Wheel brand / type	ProLine	ProLine

REAR SUSPENSION

Anti-roll bar	1.9mm
Arms	Carbon
Axle height (hub insert)	+2mm - 1 down / 2 up
C mount	LRC
C mount inserts	0.5 up
Camber	-0.5 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud mount spacers	2 mm
Outer stud spacers	1 mm
D mount	LRC
D mount inserts	1 down
Differential height	+3mm (2 dots down)
Hubs	B74
Ride height	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	1 - Inside
Tower	RDRP LCG
Track: wheel hexes	7mm
WHEELBASE	
Arm spacers	Long (arm back)
Hub spacers	Middle

NOTES Droop +2mm, toe in -2.5, tower height -5.5

BODY & CHASSIS

	FRONT	REAR
Wing	None	Kit

Battery position	4 - Front
Body	Lightweight
Chassis	PSM HTC
Chassis brace - front	PSM
Chassis brace - front screws	Front sides, Middle, Rear
Chassis brace - rear	PSM
Chassis brace - rear screws	Front, Mid-front, Mid-rear, Rear sides
Motor mount	Kit
Rear wing angle	6 degrees
Top plate brace	None
Weight balance (F/R)	48 / 52
Weight: total	1660 g
Weights	28.5g psm Gewichte auf rear brace

SHOCKS

	FRONT	REAR
Bodies	12x23mm v2	12x27.5mm v2
Cup offset	9 mm	0 mm
Eyelet length	Long	Short
Limiters - int/ext	1 / 1 mm	1 / 3 mm
Oil weight	45 wt	37.5 wt
Pistons	VRP 1.6 mid	VRP 1.7 mid
Shafts	3x23mm v2 TiN	3x27.5mm v2 TiN
Springs	v2 Yellow	v2 Blue
Stroke	22 mm	26 mm

Shock oil brand	Team Associated

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	15,000 cst
Diff gears	Plastic	Plastic
Diff mass	36.0 g	36.0 g

Center diff fluid	500,000 cst
Center diff gears	Plastic
Center diff mass	34.5 g
Diff fluid brand	AE

NOTES Diffalyzer Front: 400 Rear: 435

DRIVETRAIN

Clutch pads	3
Clutch tightness	2.1-3.8 mm
Drive ratio - final	8.13
Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	74mm CVA Pucks
Driveshafts - rear	66mm CVA Pucks
Pinion	24 teeth
Spur	78 teeth

NOTES Puck System

ELECTRONICS

Battery brand	**LRP**
Battery C rating	**135**
Battery capacity	**4900 mAh**
Battery model	**Graphene4 stock spec shorty**
ESC brand	**LRP**
ESC model	**Flow X**
ESC settings	**AB: 0/4(0/7) BT: 1(X-Stock) IB: 0/3 (0/8) ID: 5/7 (12/12) IDFC: 0 Protection: ESC ESC and Motor**
Motor brand	**LRP**
Motor model	**X22 stock spec**
Motor timing	**42 degrees**
Motor wind	**10.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**100 %**
Radio EPA throttle	**100/95 %**
Radio model	**MT-44**
Servo brand	**PowerHD**
Servo model	**S25**
Transponder ID	**1516677**

NOTES BDX-S Brake