Xpress ARROW AT1

Setup: New carpet base - 17.5t blinky · Mark Raddenbury (Speedrc.co.uk) · Oct 25, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT		TRACK		RESULTS	
Event	Club night	Track	Forest Raceway	Race type	Main
Class	17.5t Blinky TC	Type	Indoor carpet	Finish	1st
		Grip / moisture	Medium/High / Dry	Best lap	7.52 s
		Surface / layout	Smooth / Tight	Average lap	7.60 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Outer steering link location	1 - Outside
Servo saver inserts	8 mm
Anti-roll bar	1.2 mm
Arms	Medium
Bump steer: outer steering link shims	4 mm
C-Hubs	Medium
Camber	-2 degrees
Camber link plate	38 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	1 mm
Outer shims	1.5 mm
Downstop	5.2 mm
FF mount	Aluminum
FF mount inserts	0 center
FF mount shims	0 mm
FR mount	Split aluminum
FR mount inserts	0 center
FR mount shims	0 mm
Ride height	5.2 mm
Servo saver stud shims	0 mm
SHOCKS	
Arm mount shims	0 mm
Tower mount shims	2 mm
Steering blocks	Hard
Toe	-0.5 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	1 / 1 mm

ELECTRONICS

Battery brand	LRP
Battery capacity	5000 mAh
ESC brand	Hobbywing
Motor brand	Surpass
Motor wind	17.5 turns
Radio brand	Futaba
Steering servo brand	Savox

REAR SUSPENSION

Anti-roll bar	1.1 mm
Arms	Medium
Camber	-2 degrees
Camber link plate	42 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	1 mm
Outer location	Inside
Outer shims	0.5 mm
Downstop	4.6 mm
Hubs	Hard
OPCS	
Inner link shims	0
Outer link shims	2
RF mount	Aluminum
RF mount inserts	0 center
RF mount shims	0 mm
Ride height	5.2 mm
RR mount	Split aluminum
RR mount inserts	0 center
RR mount shims	0 mm
SHOCKS	
Arm mount shims	1 mm
Tower mount shims	1 mm
Toe	2.5 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	5 / 2 mm

BODY & CHASSIS

Battery position	Standard
Body	Wolverine
Body mounting	2mm forward
FLEX	
Chassis	2.25mm Graphite
Upper deck	2mm Graphite
Screws & turnbuckles	Full ti kit under
Weight: total	1325 g

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Hole in caps	Yes	Yes
Oil weight	550 cst	550 cst
Pistons	3-hole	3-hole
Rebound	0 %	0 %
Springs	Silver medium	Silver medium
Stroke	10.5 mm	10.5 mm
Shock oil brand	RC race prep	

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	5,000 cst
Diff fluid mass	–	1.1 g
Diff fluid brand	RC race prep	

DRIVETRAIN

Drive ratio - final	5.84
Drive ratio - internal	2.353
Driveshafts - front	Universal Double Joint
Driveshafts - rear	41mm Universal
Front drive type	Spool
Gear pitch	48
Pinion	29 teeth
Spur	72 teeth

NOTES AT1S bevel gears

TIRES

	FRONT	REAR
Tire additive area	In, Mid-in, Mid-out, Out	In, Mid-in, Mid-out, Out
Tire brand / type	Contact	Contact
Tire compound	30	30
Tire additive	Spider Grip Blue	

ESC SETTINGS

BRAKE	
Drag	5 %
Strength	87.5
THROTTLE	
Frequency	8 kHz
Neutral range	6 %
Strength	20