Xpress ARROW AT1

Setup: Updated indoor setup - Blinky 17.5; Tight track · Mark Raddenbury (Speedrc.co.uk) · Jul 26, 2023

so dialed
Open/save in RC Setup App →

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EVENT	
Event	Club night
Class	17.5t Blinky TC

TRACK	
Track	Forest Raceway
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Tight

RESULTS	
Race type	Main
Race number	1
Finish	1st
Best lap	7.68 s
Average lap	7.75 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	1 - Outside
Servo saver inserts	8 mm
Anti-roll bar	1.3
Arms	Hard
Bump steer: outer steering link shims	3.5 mm
C-Hubs	Hard
Camber	-2 degrees
Camber link plate	38 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	2 mm
Outer shims	1 mm
Downstop	5.6 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 mm
Servo saver stud shims	3 mm
SHOCKS	
Arm mount shims	0 mm
Tower mount shims	2 mm
Steering blocks	Hard
Toe	-1 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	Hobbywing
Motor wind	17.5 turns
Radio brand	Futaba
Receiver brand	Futaba
Steering servo brand	Savox
Transponder ID	1002692

REAR SUSPENSION

Anti-roll bar	1.3
Arms	Medium
Camber	-2 degrees
Camber link plate	40 mm
CAMBER LINK	
Inner mount shims	0 mm
Inner shims	3 mm
Outer location	Inside
Outer shims	0 mm
Downstop	4.8 mm
Hubs	Hard
RF mount	Aluminum
RF mount inserts	0 center
RF mount shims	0 mm
Ride height	5 mm
RR mount	Split aluminum
RR mount inserts	0 center
RR mount shims	0 mm
SHOCKS	
Arm mount shims	0 mm
Tower mount shims	1 mm
Toe	3 degrees
Track: wheel hexes	5 mm
Wheelbase: arm shims - F/R	2 / 5 mm

BODY & CHASSIS

Battery position	Standard
Body	BittyDesign Eptron
FLEX	
Chassis	2.25mm Graphite
Upper deck	2mm Graphite
Screws & turnbuckles	Lower screws - ti

NOTES Minimal screws to alloy flex.
Rear top deck on 2mm shims (rear only) with CUT middle part
Front top deck on carbon shim

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Hole in caps	Yes	Yes
Oil weight	350 cst	350 cst
Pistons	3-hole	3-hole
Rebound	0 %	0 %
Springs	2.5-2.8	Silver medium
Stroke	10.5 mm	10.5 mm
Shock oil brand	SpeedWurks	

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	4,000 cst
Diff fluid mass	–	1.1 g

DRIVETRAIN

Drive ratio - final	5.67
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	70 teeth

NOTES Alloy rear outdrives, Steel front

TIRES

	FRONT	REAR
Tire additive area	In, Mid-in	In, Mid-in, Mid-out, Out
Tire brand / type	Volante	Volante
Tire compound	28	28
Tire additive	Spider Grip Blue	

ESC SETTINGS

BRAKE	
Drag	5 %
Frequency	2 kHz
Initial strength	Drag %
Strength	87.5
THROTTLE	
Frequency	8 kHz
Neutral range	8 %
Strength	22