XRAY XB2C 20

Setup: Northwest hobbies 12/27 · Jan 10, 2021

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TRACK

Track	Northwest hobbies
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	68°F (20°C)

RESULTS

Best lap	12.3 s
Average lap	12.6 s

FRONT SUSPENSION

Anti-roll bar	1.0mm
Arms	LSM Hard (#322113-H / 23-H)
Axle height (steering block spacers)	High
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	2 mm
Outer stud location	A - Inside
Hub carrier (C-Hub)	Hard (#322210-H / 220-H)
Hub carrier inserts (caster)	5 degrees
Ride height	13 mm
Roll center holder	Aluminum wide
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
Steering bellcrank arms	Aluminum
Steering block	Hard
Steering center link	Aluminum
Steering center link spacers	1.0 mm
STEERING LINK	
Inner stud spacers	2 mm
Outer stud spacers	2 mm
Steering plate / arm	2 slots
Suspension mount (kickup)	Composite 26 deg
Toe	+1 degrees
Tower	Aluminum
Wheel hex	0 slots 0mm
Wheelbase (hub carrier spacers)	Short (hub back)

NOTES The front turnbuckle was long

ELECTRONICS

Battery brand	R1
Battery C rating	130
Battery capacity	6200 mAh
Battery model	R1
ESC brand	R1
Motor brand	R1
Motor model	17.5
Motor wind	17.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA steering	100 %
Radio EPA throttle	100 %
Radio model	M17
Receiver brand	Sanwa/Airtronics
Servo brand	ProTek

REAR SUSPENSION

Anti-roll bar	1.1mm
Arms	Hard (#363112-H / 122-H)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	Alum mount / 1 - Inside
Inner stud spacers	2 mm
Outer stud mount orientation	Protrusion inward
Outer stud mount spacers	2 mm
Outer stud spacers	4 mm
Differential height	3 dots down - highest
Hub	Hard
Hub inserts (track/axle height)	1 in
RF (C) mount	Aluminum
RF (C) mount inserts	1 up and in
Ride height	15 mm
Roll center holder	Aluminum
RR (D) mount	Aluminum
RR (D) mount inserts	1 up and out
Shock location	Front of arm
SHOCKS	
Arm mounting hole	2 hole arm / A - Inside
Tower mounting hole	2 - Middle
Tower	Aluminum
Wheel hex	6 slots +4.5mm
Wheelbase (arm spacers)	Front 0mm / rear 2mm - short
Wheelbase (hub spacers)	Front 0mm / rear 5mm - short

NOTES On the rear running 13mm

TIRES

	FRONT	REAR
Tire brand / type	Jcon	Nessi
Tire compound	Pink	Pink
Tire insert	None	–
Wheel brand / type	Jcon	Jcon

SHOCKS

	FRONT	REAR
Bodies	32mm	Kit
Caps	Kit	Kit
Limiters (external)	0 mm	0 mm
Limiters (internal)	0 mm	0 mm
Oil weight	550 cst	450 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Shafts		Kit
Springs	42mm Linear 4 dot	57mm Linear 3 dot
Stroke	22 mm	29 mm

Shock oil brand: XRAY

DRIVETRAIN

Differential fluid	40,000 cst
Differential fluid brand	Hudy
Differential mass	12.90 g
Differential type	Gear - composite
Drive type	Direct drive
Driveshafts	75mm
Pinion	32 teeth
Slipper clutch pads	3
Slipper clutch tightness	0 mm
Spur	69 teeth
Transmission gears	3
Transmission orientation	Front motor

BODY & CHASSIS

	FRONT	REAR
Wing	None	v1 1.0mm

Battery position	Front
Battery strap	Medium
Body	Beta 2 0.75mm
Chassis	Mid
Chassis front lower brace	Hard
Chassis side guard braces	Graphite
Chassis side guards	Composite
Front upper deck	Hard
Rear wing mount position	Middle
Servo position	1 - Front
Upper brace	LCG Composite
WEIGHT	
Battery	35g
Total	1525 g