MST RMX 2.0S

Setup: Fxx p-tile setup · Adriano Vengoechea · Jan 22, 2025

so dialed
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EVENT	
Event	5/4/24 Doors in the desert
Class	Pro

TRACK	
Track	Tandem Rc
Type	Indoor p-tile
Grip / moisture	Low / Dry
Surface / layout	Smooth / Open
Air temp	80°F (27°C)
Track temp	75°F (24°C)

RESULTS	
Race type	Qualifier
Race number	12
Finish	10th
Best lap	0 s
Average lap	53 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link location	Joint plate front / outside hole
Outer steering link location	Back
Axle height: steering block shims	0.5 mm
Bump steer: outer steering link shims	1 mm
Camber	-6 degrees
CAMBER LINK	
Inner location	6 - Center top
Outer shims	0.5 mm
Caster	8 degrees
Caster: upper arm shims - F/R	2/1 mm
FF mount	-2 mm
FF mount shims	0.5 mm
FR mount	-2 mm
FR mount shims	0.5 mm
Ride height	13 mm
SHOCKS	
Arm mounting hole	2
Tower mounting hole	2
Steering arm position	Fix Aluminum wiper arms
Steering arm stud location	Fxx carbon aluminum steering wiper arms
Steering arm stud shims	3.5
Toe	-2 degrees
TRACK	
Lower arm shims	2mm
Wheel shims	0 mm
Wheelbase: arm shims	Short

NOTES Upside down shocks with Rece-d 2mm spring riser + green yokomo spring

REAR SUSPENSION

Axle height: hub pin location	High (low pin)
Camber	-3 degrees
CAMBER LINK	
Inner location	1 - Inside bottom
Outer location	2
Outer shims	2 mm
RF mount	+0.5 mm
RF mount shims	0 mm
Ride height	13mm top of deck mm
RR mount	+3 mm
RR mount shims	2.5 mm
SHOCKS	
Arm mounting hole	1 - Inside
Tower mounting hole	Top outer 2 from outside
Toe	2 degrees
Track: wheel shims	1 mm
Wheelbase: arm shims	Long

BODY & CHASSIS

Battery position	High rear in front of rear damper mount for weight shift.
Body	Pandora BN Sports Altezza
Chassis	MpCustom carbon chassis 3mm thick
Electronics layout	1 Motor Hw Bandit 10.5t L4- HW xr p pro R4-yokomo spd03 M7- RC929 250g brass
Motor position	Forward mount
Rear wing	None
Screws & turnbuckles	MST aluminum adjustable kit on 5.5mm ball studs
Servo orientation	Fxx-d side chassis mount
Weight balance - F/R	45 / 55 %
Weight: total	1500 g
Weights	8g wheel weights on lower rear arms and 12g steel barrel weights on rear gorilla mounts

SHOCKS

	FRONT	REAR
Length	67 mm	–
Oil weight	10 wt	–
Pistons	6	3-hole
Pre-load	4.5 mm	4.5 mm
Rebound	25 %	–
Springs	Yoko soft pc spring	Purple-red
Stroke	8 mm	13 mm
Shock oil brand	Yokomo	

NOTES 4mm reve-d spring cups on Yoko15.5mm long 4.3mm ball cups

DRIVETRAIN

Differential type	Gear
Drive ratio - final	1.42
Drive ratio - internal	3.08
Driveshafts	48mm CVD
Gear pitch	48
Pinion	21 teeth
Spur	30 teeth
Transmission type	Bevel gears

NOTES Fxx-d calculation is diff

TIRES

	FRONT	REAR
Tire brand / type	Yokomo	Yokomo
Tire compound	DR-c	Dr-C
Tire insert	Stock foam	Stock tape
Wheel brand / type	ReveD 5 spoke wheel	Overdose work
Tire prep	Hand clean with simple green and rag	

ELECTRONICS

Battery brand	**Gens Ace**
Battery C rating	**100+ C**
Battery capacity	**4000 mAh**
Battery model	**REDLINE**
ESC brand	**Hobbywing**
ESC model	**Xr10 pro g2 elite**
ESC settings	**0**
Gyro	**Yokomo dp-302v4**
Gyro sensitivity	**72 green %**
Motor brand	**Hobbywing**
Motor Kv constant	**3450 Kv**
Motor model	**Xerun Bandit V10 G2**
Motor timing	**20 stock degrees**
Motor wind	**10.5 turns**
Radio brand	**Futaba**
Radio EPA steering	**92 %**
Radio EPA throttle	**81 %**
Radio model	**4pm**
Receiver brand	**Futaba**
Receiver model	**R203gf s-fhss**
Steering servo brand	**Yokomo**
Steering servo model	**Sp-03d v1 red**
Transponder ID	**0**

NOTES Charge at x1c