# Tekno EB48 2.1

Setup: High Grip Short Pile Astroturf · Kenny N · May 13, 2024

so dialed
Open/save in RC Setup App →

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## TRACK

| | |
|---|---|
| Track | RC Racing Club Arlesheim Switzerland |
| Type | Outdoor astroturf |
| Grip / moisture | High / Dry |
| Surface / layout | Bumpy / Medium |
| Air temp | 12.5°C (55°F) |

## FRONT SUSPENSION

| | |
|---|---|
| A mount | -1mm |
| A mount inserts | 1 down, .5 out |
| Ackermann plate | Kit |
| **ACKERMANN** | |
| Inner steering link location | Front |
| Steering arm plate | Type C |
| Anti-roll bar | 2.5mm |
| Arms | Extra tough |
| **AXLE HEIGHT** | |
| Spindles | -2 mm |
| Steering block shims | High |
| B mount | -1mm |
| B mount inserts | 1 up, .5 out |
| **BUMP STEER** | |
| Inner steering link shims | 1 mm |
| Outer steering link shims | 0 mm |
| Camber | -0.5 degrees |
| **CAMBER LINK** | |
| Inner stud location | LW tower: 3 - Top |
| Outer stud location | C - Outside |
| Caster block | 21 deg |
| Differential height | -2 mm |
| Droop | 117 mm |
| Kick-up angle | 8 degrees |
| Ride height | 20 mm |
| Servo saver tightness | 2 turns |
| **SHOCKS** | |
| Arm mounting hole | B - Outside |
| Tower mounting hole | LW tower: 1 - In |
| Sweep | 0 degrees |
| Toe | -1 degrees |
| Tower | Alum lightweight |
| Track: wheel hexes | +0mm |

## REAR SUSPENSION

| | |
|---|---|
| Anti-roll bar | 2.5mm |
| Anti-squat | 2.5 degrees |
| Arms | Revised |
| Axle height: hub | -2 mm |
| C mount | -2mm |
| C mount inserts | 1 up and out |
| Camber | -0.5 degrees |
| **CAMBER LINK** | |
| Inner location | LW tower: 3 - Inside top |
| Outer location | A5 - Bottom outside |
| D mount | -2mm |
| D mount inserts | 0.5 down and in |
| Differential height | -2 mm |
| Droop | 127 mm |
| Ride height | 22 mm |
| **SHOCKS** | |
| Arm mounting hole | B - Outside |
| Tower mounting hole | LW tower: 5 - Out |
| Toe | 1 degrees |
| Tower | Alum lightweight |
| Track: wheel hexes | +2mm Light |
| Wheelbase: hub shims - F/R | 0 rear / 3 front mm |

## DRIVETRAIN

| | |
|---|---|
| Drive ratio - final | 10.67 |
| Drive ratio - internal | 3.333 |
| Driveshafts - front | Universal |
| Driveshafts - rear | Universal |
| Pinion | 14 teeth |
| Spur | 44 teeth |

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | Schumacher Ridge Pin V2 | Schumacher Mini Pin |
| Tire compound | Yellow | Yellow |
| Tire insert | Schumacher U6752 | Schumacher U6752 |
| Wheel brand / type | Jconcepts Bullet 83mm | Jconcepts Bullet 83mm |

Tire prep: Front: Glued Sidewall Rear: 1 row inside+outside cutted Front+Rear: 2 vent holes / tire

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Build | Emulsion | Emulsion |
| Oil weight | 400 cst | 500 cst |
| Pistons | Tapered 8x1.2 | Tapered 8x1.3 |
| Rebound | 0 % | 0 % |
| Springs | 70mm 5.96lb Purple | 83mm 3.83lb Red |

Shock oil brand: Ultimate

NOTES 6mik internal Springs under piston

## DIFFERENTIALS

| | FRONT | REAR |
|---|---|---|
| Diff case | High-grip | High-grip |
| Diff cross pins | Aluminum | Aluminum |
| Diff fluid | 30,000 cst | 20,000 cst |
| Diff gears | 20/10 | 20/10 |
| Diff o-rings | 2022 Spec | 2022 Spec |
| Diff outdrives | Standard | Standard |
| Diff shims | Revised | Revised |

| | |
|---|---|
| Center diff case | High grip |
| Center diff cross pins | Aluminum |
| Center diff fluid | 40,000 cst |
| Center diff gears | 20/10 |
| Center diff o-rings | 2022 Spec |
| Center diff outdrives | Standard |
| Center diff shims | Revised |
| Diff fluid brand | Ultimate |

## BODY & CHASSIS

| | |
|---|---|
| Body | Kit |
| **FLEX** | |
| C mount screwed down | No |
| Chassis brace - rear | No |
| Rear wing | LFR Hammer + Stabilizer |
| Rear wing height | 0 mm |
| Screws & turnbuckles | Top Screws + Turnbuckles Titanium |
| Weight balance (F/R) | 50 / 50 |

NOTES 30g weight in front

## ELECTRONICS

| | |
|---|---|
| Battery brand | **Gens Ace** |
| Battery C rating | **130 C** |
| Battery capacity | **6000 mAh** |
| Battery model | **Redline** |
| ESC brand | **Hobbywing** |
| ESC model | **XR8 Pro G3** |
| ESC settings | **20 Turbo / 0 Boost / 8K Throttle / 4K Brake** |
| Motor brand | **Hobbywing** |
| Motor Kv constant | **2200 Kv** |
| Motor model | **Xerun G3** |
| Radio brand | **Sanwa/Airtronics** |
| Radio EPA steering | **L: 120 / R: 126 %** |
| Radio EPA throttle | **100 %** |
| Radio model | **M17** |
| Receiver brand | **Sanwa/Airtronics** |
| Servo brand | **Sanwa/Airtronics** |
| Servo model | **PGS XBII** |

**NOTES** 1C

## ESC SETTINGS

| | |
|---|---|
| Boost: Timing | **0 degrees** |
| **BRAKE** | |
| Drag | **0 %** |
| Frequency | **4 kHz** |
| Throttle: Frequency | **8 kHz** |
| Turbo: Timing | **20 degrees** |