

HOBBYWING® XR10Pro G 2S SETUP SHEET

Driver: Michal Orlowski
 Date: January 2024
 Track: MRC Longwy
 Event: GP3F 2024
 Temperature - Air: 20 Track: 20
 Traction: Low Medium High
 Composition: Asphalt Astroturf Carpet Dirt Grass

Vehicle: Schumacher Mi8 HGT
 Firmware: XR-5.0.05
 Motor: Hobbywing 5.0t
 Endbell Timing: 32.5
 Rotor: 12.1mm
 FDR: 112/28



| | | |
|-------------|-------------------------------|---|
| Data Record | Max. ESC Temperature: _____ | Notes <i>Sunpadow 3800mAh Gold</i> <i>86% Brake EPA</i> |
| | Max. Motor Temperature: _____ | |
| | Min. Battery Voltage: _____ | |
| | Max Motor RPM: _____ | |

| Type | ID | Item | Value | | | | | | | | | | |
|-----------------|------------------|--------------------------|--|-------------------------------------|----------------------------|-------------------------------------|-----|--------|-----|-----------|-------------------------------------|----|---------|
| General Setting | 1A | Running Mode | <input checked="" type="checkbox"/> wd/Brk | Fwd/Rev/Brk | Fwd/Rev | | | | | | | | |
| | 1B | Reverse Force | <input checked="" type="checkbox"/> 5% | 50% | 75% | 100% | | | | | | | |
| | 1C | Cutoff Voltage | <input checked="" type="checkbox"/> sabled | Auto | _____ (3.0-7.4 Adjustable) | | | | | | | | |
| | 1D | ESC Thermal Protection | <input checked="" type="checkbox"/> sabled | 105°C/221°F | 125°C/257°F | | | | | | | | |
| | 1E | Motor Thermal Protection | <input checked="" type="checkbox"/> sabled | 105°C/221°F | 125°C/257°F | | | | | | | | |
| | 1F | BEC Voltage | <u>7.0V</u> (5V-7.4V Adjustable) | | | | | | | | | | |
| | 1G | Remote Off | <input checked="" type="checkbox"/> sabled | Enabled | | | | | | | | | |
| | 1H | Sensor Mode | <input checked="" type="checkbox"/> All Sensored | Sensored/Sensorless Hybrid | | | | | | | | | |
| | 1I | Motor Rotation | <input checked="" type="checkbox"/> CW | CW | | | | | | | | | |
| | 1J | Phase-AC Swap | <input checked="" type="checkbox"/> sabled | Enabled | | | | | | | | | |
| | Throttle Control | 2A | Throttle Rate Control | <u>20</u> (1-30 Adjustable) | | | | | | | | | |
| 2B | | Throttle Curve | <input checked="" type="checkbox"/> linear | Customize | | | | | | | | | |
| 2C | | Neutral Range | <u>6%</u> (3%-10% Adjustable) | | | | | | | | | | |
| 2D | | Initial Throttle Force | <u>3</u> (1-15 Adjustable) | | | | | | | | | | |
| 2E | | Coast | <u>0%</u> (0%-15% Adjustable) | | | | | | | | | | |
| 2F | | Drive Frequency | 1K | 2K | 4K | <input checked="" type="checkbox"/> | 12K | 16K | 24K | 32K | Customize | | |
| 2G | | Softening Value | <u>20*</u> (0-30° Adjustable) | | | | | | | | | | |
| 2H | | Softening Range | <u>50%</u> (0%-75% Adjustable) | | | | | | | | | | |
| Brake Control | 3A | Drag Brake Force | <u>14%</u> (0%-100% Adjustable) | | | | | | | | | | |
| | 3B | Drag Brake Rate | Auto | <u>2</u> (1-20 Adjustable) | | | | | | | | | |
| | 3C | Max. Brake Force | <u>87%</u> (0%-150% Adjustable) | | | | | | | | | | |
| | 3D | Brake Rate Control | <u>20</u> (1-20 Adjustable) | | | | | | | | | | |
| | 3E | Brake Frequency | 0.5K | <input checked="" type="checkbox"/> | 2K | 4K | 8K | 12K | 16K | Customize | | | |
| | 3F | Brake Control | <input checked="" type="checkbox"/> linear | Traditional | | | | Hybrid | | | | | |
| Timing | 4A | Boost Timing | <u>5*</u> (0-64° Adjustable) | | | | | | | | | | |
| | 4B | Timing Activation | <input checked="" type="checkbox"/> PWM | Auto | | | | | | | | | |
| | 4C | Boost Start RPM | <u>7500</u> (500-35000RPM Adjustable) | | | | | | | | | | |
| | 4D | Boost End RPM | <u>22500</u> (3000-60000RPM Adjustable) | | | | | | | | | | |
| | 5A | Turbo Timing | <u>23*</u> (0-64° Adjustable) | | | | | | | | | | |
| | 5B | Turbo Delay | Instant | <u>0.1s</u> (0.05-1.0S Adjustable) | | | | | | | | | |
| | 5C | Turbo Increase Rate | 1 | 2 | 3 | 5 | 8 | 12 | 16 | 20 | <input checked="" type="checkbox"/> | 30 | Instant |
| | 5D | Turbo Decrease Rate | 1 | 2 | 3 | 5 | 8 | 12 | 16 | 20 | <input checked="" type="checkbox"/> | 30 | Instant |