



**CORSATEC**  
R&G POWER TECHNOLOGY



**CTX-8RS**

**GENERAL INFORMATION**

|             |  |
|-------------|--|
| DATE        |  |
| DRIVER      |  |
| TRACK       |  |
| RACE        |  |
| SURFACE     |  |
| TRACTION    |  |
| TEMPERATURE |  |

**DATA**

|                  |  |
|------------------|--|
| INPUT THROTTLE   |  |
| OUTPUT THROTTLE  |  |
| VOLTAGE          |  |
| MIN. VOLTAGE     |  |
| AMPERE           |  |
| MAX. AMPERE      |  |
| TEMPERATURE      |  |
| MAX. TEMPERATURE |  |
| RPM              |  |
| MAX. RPM         |  |
| ADV. TIMING      |  |
| MAX. TIMING      |  |

**ESC SETUP**

|                 |               |             |         |
|-----------------|---------------|-------------|---------|
| RUNNING MODE    | FWD/BRK       | FWD/BRK/REV | FWD/REV |
| MOTOR ROTATION  | CW /          | CCW         |         |
| MOTOR POLES     | 2.0P-8.0P     |             |         |
| BEC OUTPUT      | 6.0V /        | 7.4V        |         |
| CUTOFF VOLTAGE  | 0(OFF)-22.5V  |             |         |
| CUTOFF THERMAL  | 0(OFF)-130DEG |             |         |
| DRIVE PWM FREQ. | 1.0-32.0KHZ   |             |         |
| BUTTON OFF      | 0.5S-4.0S     |             |         |
| RACE RULE       |               |             |         |

**POWER CONTROL**

|                                |             |
|--------------------------------|-------------|
| 1 <sup>ST</sup> DIVISION LIMIT | 0.0%-100.0% |
| 2 <sup>ND</sup> DIVISION LIMIT | 0.0%-100.0% |
| 1 <sup>ST</sup> ACTIVATION     | 0.10-3.0MS  |
| 2 <sup>ND</sup> ACTIVATION     | 0.10-3.0MS  |
| 3 <sup>RD</sup> ACTIVATION     | 0.10-3.0MS  |
| MINIMUM THROTTLE               | 2%-16%      |
| NEUTRAL RANGE                  | 3%-12%      |
| COAST                          | 0%-30%      |
| NEUTRAL COAST                  | ADSF        |
| POWER FORCE                    | 50%-100%    |
| REVERSE FORCE                  | 50%-100%    |

**TURBO SETTINGS**

|                 |              |
|-----------------|--------------|
| TURBO TIMING    | 0-64.0DEG    |
| DELAY           | 0-2.0S       |
| ANGLE INC.RATE  | 1.00-64.0DEG |
| ANGLE DEC. RATE | 1.00-64.0DEG |

**BRAKE CONTROL**

|                            |             |
|----------------------------|-------------|
| DIVISION LIMIT             | 0.0%-100.0% |
| 1 <sup>ST</sup> ACTIVATION | 0.10-3.0MS  |
| 2 <sup>ND</sup> ACTIVATION | 0.10-3.0MS  |
| PWM FREQUENCY              | 1.0-16.0KHZ |
| MINIMUM BRAKE FORCE        | 0%-50%      |
| MAXIMUM BRAKE FORCE        | 10%-100%    |
| DRAG BRAKE FORCE           | 0.0%-100.0% |
| DRAG BRAKE RESPONSE        | 0.10-3.0MS  |

(\*) = DEFAULT

**MOTOR CHOICE**

|          |         |
|----------|---------|
| CT 40001 | 1900 KV |
| CT 40002 | 2100 KV |
| CT 40003 | 2500 KV |