CORSATEC

RC POWER TECHNOLOGY



CTX-10RS

FIRMWARE

DATE	
NUMBER	

GENERAL INFORMATION

DATE	25/10/2026
DRIVER	Yasir Mughal
TRACK	Essex Carpet Clash
RACE	Winter Series RND2
SURFACE	Carpet
TRACTION	Medium high
TEMPERATURE	17 degree

DATA

INPUT VOLTAGE	
OUTPUT VOLTAGE	
VOLTAGE	
MIN. VOLTAGE	
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 - 6v
BEC OUTPUT	*6.0V ☐ / 7.40V ●	
CUTOFF VOLTAGE	0(OFF)-11.0V	Off
CUTOFF THERMAL	0(OFF)-130DEG	Off
DRIVE PWM FREQ.	1.0-32.0KHZ	8
BUTTON OFF	0.5S-4.0S	0.5 A/C Swap - Yes
A/C SWAP	*NO ☑ / YES ☐	
RACE RULE	*NONE ● / ROAR ☐	

MOTOR SETTINGS

MOTOR MAKE	Corsatec
MOTOR TURNS	5.0
MOTOR TIMING	Kit
FINAL RATIO (FDR)	

TURBO SETTINGS

TURBO TIMING	*0-64.0DEG 20
DELAY	*0-2.0S 0 delay reload - In
ANGLE INC.RATE	1.00-64.0DEG 12
ANGLE DEC. RATE	1.00-64.0DEG 20
DELAY RELOAD	*WAIT ● / INSTANT ☐

POWER BOOST

BOOST TIMING	*0 - 64.0DEG 0
TRIGGER	*THROTTLE ● /RPM ☐
THROTTLE THRESHOLD	10.0%-90.0%
RPM THRESHOLD	8.0-50.0KR/MIN
INITIAL ANGLE	*1.0-64.0DEG
ANGLE INC. RATE	1.00-64.0DEG
ANGLE DEC. RATE	1.00-64.0DEG

BRAKE CONTROL

DIVISION LIMIT	0.0% - 100%	80
1ST ACTIVATION	0.1 - 3.0MS	0.5
2ND ACTIVATION	0.1 - 3.0MS	1.0
PWM FREQUENCY	0.1 - 16.0KHZ	8
MIN. BRAKE FORCE	*0.0% - 50.0%	0
MAX. BRAKE FORCE	10.0% - 100.0%	100
DRAG BRAKE FORCE	0(OFF) - 100.0%	0
DRAG BRAKE RESPONSE	0.1 - 3.0MS	0

POWER CONTROL

1ST DIVISION LIMIT	0.0%-100%	20
2ND DIVISION LIMIT	0.0%-100%	70
1ST ACTIVATION	0.1-3.0MS	1.0
2ND ACTIVATION	0.1-3.0MS	1.0
3RD ACTIVATION	0.1-3.0MS	1.0
MINIMUM THROTTLE	2.0%-16.0%	2
NEUTRAL RANGE	3.0%-12.0%	3
COAST	0(OFF)%-30.0%	Off
NEUTRAL COAST	OFF-ONN	Off
POWER FORCE	50.0%-100.0%	100
REVERSE FORCE	25.0%-100.0%	25
EXPO.	0(OFF)%-30.0%	Off
EXPO. RANGE	1.0% - 70.0^%	

COMMENTS / NOTES

Car was smooth and fast
Felt good through the rev range
Good top speed