



CTX-10RS

FIRMWARE

DATE	
NUMBER	

GENERAL INFORMATION

DATE	
DRIVER	
TRACK	
RACE	
SURFACE	
TRACTION	
TEMPERATURE	

DATA

INPUT VOLTAGE	
OUTPUT VOLTAGE	
VOLTAGE	
MIN. VOLTAGE	
TEMPERATURE	
MAX. TEMPERATURE	
RPM	
MAX. RPM	
ADV. TIMING	
MAX. TIMING	

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
DELAY RELOAD	*WAIT / INSTANT

BRAKE CONTROL

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

COMMENTS / NOTES

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 / 7.40V		
CUTOFF VOLTAGE	0(OFF)-11.0V		
CUTOFF THERMAL	0(OFF)-130DEG		
DRIVE PWM FREQ.	1.0-32.0KHZ		
BUTTON OFF	0.5S-4.0S		
Δ/C SWAP	*NO / YES		
RACE RULE	*NONE / ROAR		

MOTOR SETTINGS

MOTOR MAKE	
MOTOR TURNS	
MOTOR TIMING	
FINAL RATIO (FDR)	

POWER BOOST

BOOST TIMING	*0 - 64.0DEG
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

POWER CONTROL

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

