



### 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	

#### 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	0.55-4.05		
Δ/C SWAP	*NO / YES		
RACE RULE	*NONE / ROAR		

#### MOTOR SETTINGS

MOTOR MAKE	
MOTOR TURNS	
MOTOR TIMING	
FINAL RATIO (FDR)	

#### TURBO SETTINGS

TURBO TIMING	*0-64.0DEG
DELAY	*0-2.05
ANGLE INC.RATE	1.00-64.0DEG
ANGLE DEC. RATE	1.00-64.0DEG
DELAY RELOAD	*WAIT / INSTANT

#### 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

#### BRAKE CONTROL

DIVISION LIMIT	0.0% - 100%
1 <sup>ST</sup> ACTIVATION	0.1 - 3.0MS
2 <sup>ND</sup> 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

#### POWER CONTROL

1 <sup>ST</sup> DIVISION LIMIT	0.0%-100%
2 <sup>ND</sup> DIVISION LIMIT	0.0%-100%
1 <sup>ST</sup> ACTIVATION	0.1-3.0MS
2 <sup>ND</sup> ACTIVATION	0.1-3.0MS
3 <sup>RD</sup> 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^%

#### COMMENTS / NOTES
