



CORSATEC
R&P POWER TECHNOLOGY



CTX-10RS

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	0.05-4.05		
A/C SWAP	*NO /	YES	

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

BRAKE RESPONSE	*0.1-3.0MS
PWM FREQ.	0.1-16.0KHZ
MIN. BRAKE FORCE	*0.0%-50.0%
MAX. BRAKE FORCE	10.0%-100.0%
DRA. BRAKE FORCE	*0.0%-100.0%
DRA. BRAKE RESPONSE	0.1-3.0MS

POWER CONTROL

THROTTLE RESPONSE	1.00-1.30MS
MIN. THROTTLE	2.0%-*5.0%
NEUTRAL RANGE	^3.0%-12.0%
COAST	0%-30%
POWER FORCE	50%-100%
REVERSE FORCE	*25%-100%
EXPONENTIAL	*0%-30%
EXPONENTIAL RANGE	0.05-4.05