MS-Radon V2BT Series Suggested Setting for 1:10 brushless motor with modify timing at 15 deg and stock motor timing at 25 deg position:

Item Name	**Item Value**
General:	
Motor Rotation	CCW
Motor Pole	2
Running Mode	Forward/Brake
Rev. Delay	0.3s
Throttle Freq.	8KHz
Low Voltage Cutoff	7V
Thermal Cutoff	130deg
BEC Output	6V
Brake Menu:	
Brake Response	0.4ms
Brake Rate	1%
Initial Brake Force	0
Max. Brake Force	95%
FWD Drag Brake Force	10%
FWD Drag Brake Response	0.4ms
REV. Drag Brake Force	100%
REV. Drag Brake Response	0.4ms
Brake Freq.	4kHZ

Motor Turn:	4.5T	5.5T	6.5T	7.5T	8.5T	9.5T	10.5T	13.5T	17.5T
Suggested gear ratio (medium track size)	N/A	N/A	7.4	6.9	6.4	6	7.2	6.3	5.4
Item Name	N/A	N/A							
Throttle Menu:	N/A	N/A							
Throttle Response	N/A	N/A	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms
Throttle Compress Rate	N/A	N/A	5	5	8	8	12	12	12
Throttle Off Rate	N/A	N/A	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)
Dead Band	N/A	N/A	3%	3%	3%	3%	3%	3%	3%
IP Limiter	N/A	N/A	6	6	8	8	12	12	12
Limit Power	N/A	N/A	2	2	0	0	0	0	0
Limit Power Range	N/A	N/A	60	60	60	60	60	60	60
Max. Forward Force	N/A	N/A	100	100	100	100	100	100	100
Max. Reverse Force	N/A	N/A	100	100	100	100	100	100	100
Boost Menu:									
Boost Timing	N/A	N/A	10	12	15	18	28	30	32
Boost Activation	N/A	N/A	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle
Boost Trigger Pos.	N/A	N/A	60%	60%	60%	60%	50%	50%	50%
Boost RPM Threshold	N/A	N/A	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min
Initial Angle	N/A	N/A	2 deg	2 deg	2 deg	2 deg	3 deg	3 deg	3 deg
Boost On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Boost Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Menu:									
Turbo Timing	N/A	N/A	28	30	32	35	32	30	28
Turbo On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Delay	N/A	N/A	0.05	0.05	0.05	0.05	0.1	0.1	0.1
Race Mode	N/A	N/A	Modify	Modify	Modify	Modify	Stock	Stock	Stock

MS-Radon V2BT Series Suggested Setting for 1:10 brushless motor with modify timing at 15 deg and stock motor timing at 25 deg position:

Item Name	**Item Value**
General:	
Motor Rotation	CCW
Motor Pole	2
Running Mode	Forward/Brake
Rev. Delay	0.3s
Throttle Freq.	8KHz
Low Voltage Cutoff	7V
Thermal Cutoff	130deg
BEC Output	6V
Brake Menu:	
Brake Response	0.4ms
Brake Rate	1%
Initial Brake Force	0
Max. Brake Force	95%
FWD Drag Brake Force	10%
FWD Drag Brake Response	0.4ms
REV. Drag Brake Force	100%
REV. Drag Brake Response	0.4ms
Brake Freq.	4kHZ

Motor Turn:	4.5T	5.5T	6.5T	7.5T	8.5T	9.5T	10.5T	13.5T	17.5T
Suggested gear ratio (medium track size)	N/A	N/A	7.4	6.9	6.4	6	7.2	6.3	5.4
Item Name	N/A	N/A							
Throttle Menu:	N/A	N/A							
Throttle Response	N/A	N/A	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms
Throttle Compress Rate	N/A	N/A	5	5	8	8	12	12	12
Throttle Off Rate	N/A	N/A	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)
Dead Band	N/A	N/A	3%	3%	3%	3%	3%	3%	3%
IP Limiter	N/A	N/A	6	6	8	8	12	12	12
Limit Power	N/A	N/A	2	2	0	0	0	0	0
Limit Power Range	N/A	N/A	60	60	60	60	60	60	60
Max. Forward Force	N/A	N/A	100	100	100	100	100	100	100
Max. Reverse Force	N/A	N/A	100	100	100	100	100	100	100
Boost Menu:									
Boost Timing	N/A	N/A	10	12	15	18	28	30	32
Boost Activation	N/A	N/A	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle
Boost Trigger Pos.	N/A	N/A	60%	60%	60%	60%	50%	50%	50%
Boost RPM Threshold	N/A	N/A	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min
Initial Angle	N/A	N/A	2 deg	2 deg	2 deg	2 deg	3 deg	3 deg	3 deg
Boost On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Boost Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Menu:									
Turbo Timing	N/A	N/A	28	30	32	35	32	30	28
Turbo On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Delay	N/A	N/A	0.05	0.05	0.05	0.05	0.1	0.1	0.1
Race Mode	N/A	N/A	Modify	Modify	Modify	Modify	Stock	Stock	Stock

MS-Radon V2BT Series Suggested Setting for 1:10 brushless motor with modify timing at 15 deg and stock motor timing at 25 deg position:

Item Name	**Item Value**
General:	
Motor Rotation	CCW
Motor Pole	2
Running Mode	Forward/Brake
Rev. Delay	0.3s
Throttle Freq.	8KHz
Low Voltage Cutoff	7V
Thermal Cutoff	130deg
BEC Output	6V
Brake Menu:	
Brake Response	0.4ms
Brake Rate	1%
Initial Brake Force	0
Max. Brake Force	95%
FWD Drag Brake Force	10%
FWD Drag Brake Response	0.4ms
REV. Drag Brake Force	100%
REV. Drag Brake Response	0.4ms
Brake Freq.	4kHZ

Motor Turn:	4.5T	5.5T	6.5T	7.5T	8.5T	9.5T	10.5T	13.5T	17.5T
Suggested gear ratio (medium track size)	N/A	N/A	7.4	6.9	6.4	6	7.2	6.3	5.4
Item Name	N/A	N/A							
Throttle Menu:	N/A	N/A							
Throttle Response	N/A	N/A	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms
Throttle Compress Rate	N/A	N/A	5	5	8	8	12	12	12
Throttle Off Rate	N/A	N/A	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)
Dead Band	N/A	N/A	3%	3%	3%	3%	3%	3%	3%
IP Limiter	N/A	N/A	6	6	8	8	12	12	12
Limit Power	N/A	N/A	2	2	0	0	0	0	0
Limit Power Range	N/A	N/A	60	60	60	60	60	60	60
Max. Forward Force	N/A	N/A	100	100	100	100	100	100	100
Max. Reverse Force	N/A	N/A	100	100	100	100	100	100	100
Boost Menu:									
Boost Timing	N/A	N/A	10	12	15	18	28	30	32
Boost Activation	N/A	N/A	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle
Boost Trigger Pos.	N/A	N/A	60%	60%	60%	60%	50%	50%	50%
Boost RPM Threshold	N/A	N/A	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min
Initial Angle	N/A	N/A	2 deg	2 deg	2 deg	2 deg	3 deg	3 deg	3 deg
Boost On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Boost Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Menu:									
Turbo Timing	N/A	N/A	28	30	32	35	32	30	28
Turbo On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Delay	N/A	N/A	0.05	0.05	0.05	0.05	0.1	0.1	0.1
Race Mode	N/A	N/A	Modify	Modify	Modify	Modify	Stock	Stock	Stock

MS-Radon V2BT Series Suggested Setting for 1:10 brushless motor with modify timing at 15 deg and stock motor timing at 25 deg position:

Item Name	**Item Value**
General:	
Motor Rotation	CCW
Motor Pole	2
Running Mode	Forward/Brake
Rev. Delay	0.3s
Throttle Freq.	8KHz
Low Voltage Cutoff	7V
Thermal Cutoff	130deg
BEC Output	6V
Brake Menu:	
Brake Response	0.4ms
Brake Rate	1%
Initial Brake Force	0
Max. Brake Force	95%
FWD Drag Brake Force	10%
FWD Drag Brake Response	0.4ms
REV. Drag Brake Force	100%
REV. Drag Brake Response	0.4ms
Brake Freq.	4kHZ

Motor Turn:	4.5T	5.5T	6.5T	7.5T	8.5T	9.5T	10.5T	13.5T	17.5T
Suggested gear ratio (medium track size)	N/A	N/A	7.4	6.9	6.4	6	7.2	6.3	5.4
Item Name	N/A	N/A							
Throttle Menu:	N/A	N/A							
Throttle Response	N/A	N/A	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms	0.2ms
Throttle Compress Rate	N/A	N/A	5	5	8	8	12	12	12
Throttle Off Rate	N/A	N/A	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)	0(off)
Dead Band	N/A	N/A	3%	3%	3%	3%	3%	3%	3%
IP Limiter	N/A	N/A	6	6	8	8	12	12	12
Limit Power	N/A	N/A	2	2	0	0	0	0	0
Limit Power Range	N/A	N/A	60	60	60	60	60	60	60
Max. Forward Force	N/A	N/A	100	100	100	100	100	100	100
Max. Reverse Force	N/A	N/A	100	100	100	100	100	100	100
Boost Menu:									
Boost Timing	N/A	N/A	10	12	15	18	28	30	32
Boost Activation	N/A	N/A	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle	Throttle
Boost Trigger Pos.	N/A	N/A	60%	60%	60%	60%	50%	50%	50%
Boost RPM Threshold	N/A	N/A	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min	18kr/min
Initial Angle	N/A	N/A	2 deg	2 deg	2 deg	2 deg	3 deg	3 deg	3 deg
Boost On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Boost Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Menu:									
Turbo Timing	N/A	N/A	28	30	32	35	32	30	28
Turbo On Rate	N/A	N/A	35deg/0.1s	35deg/0.1s	35deg/0.1s	35deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Off Rate	N/A	N/A	55deg/0.1s	55deg/0.1s	55deg/0.1s	55deg/0.1s	40deg/0.1s	40deg/0.1s	40deg/0.1s
Turbo Delay	N/A	N/A	0.05	0.05	0.05	0.05	0.1	0.1	0.1
Race Mode	N/A	N/A	Modify	Modify	Modify	Modify	Stock	Stock	Stock