

Manual for Advance PROGCARD

This product was developed for you to make **Advance plus** controllers setting easier and to extend the possibilities of controller settings too.

Advance plus PROGCARD possibilities:

Brake	On	Brake is active
	Off *	Non active brake
Timing	Timing low (soft)	For 2, 4, 6 pole motors. This timing gives maximum efficiency.
	Timing high(hard) *	Recommended for outrunners
Throttle curve	Linear *	Half throttle is equal to 60% of maximum RPM
	logarithm	Half throttle is equal to 80% of maximum RPM
ACCU type	Ni-XX	Power pack type Ni-Cd or Ni-MH
	Li-XX *	Power pack type Li-Pol or Li-Ion
Cut off voltage	High	Cut off is set to 0,9V per cell for Ni-XX, 3,0 V per cell for Li-xx
	Low *	Cut off is set to 0,7 V per cell for Ni-XX, 2,7 V per cell for Li-xx
Cut off type	Hard	Motor is fully off immediately after reaching cut off voltage
	Slow down *	Motor turns off slowly by power reduction

*is default setting of our Advance series ESCs

Using of Advance plus PROGCARD:

- set all six jumpers to required positions
- plug JR connector (part of controller) to the position .controller.
- connect Advance plus controller with the motor
- connect power ACCU
- ESC-12A, ESC-18A,ESC-25A,ESC-30A,ESC-40A . you will hear one beep in 1-3 seconds after plugging
- ESC-40A OPTO, ESC-60A OPTO, ESC-100A OPTO- you will hear the beep after connecting 4,8V (receiver pack) to position: external power for OPTO.
- disconnect power ACCU
- disconnect Advance plus PROGCARD
- plug JR connector to the receiver (motor control channel)