

NEW SOFTWARE



NEW LRP iX8 V2 TEAM SOFTWARE V2.7

The all new software v2.7 for LRP's iX8 V2 puts the pedal to the metal! More bottom and mid-range punch will allow you to clear that difficult double-triple jump without trouble, and higher top speed will give you the advantage on the straight to leave your opponents in the dust!

Initial Drive Mode has been enhanced to allow for an overall higher maximum of 30% while giving an extended range of seven possible values. Power Profile Mode has been expanded by two additional values for even more aggressive throttle response and overall power. Finally, v2.7 comes with new factory settings, selected to ensure optimal universal performance.

To achieve the best results, experiment with the extended setting options and adjust them based on your driving style and individual racing conditions. Higher Initial Drive and Power Profile settings are best suited for an aggressive style and high traction, while lower settings work well on low grip and result in a smoother feel.



Firmware: v2.7
Product: iX8 V2
Description: Team Software
Part No.: 80881

KEY IMPROVEMENTS

- MORE BOTTOM AND MID-RANGE PUNCH
- HIGHER TOP SPEED
- EXTENDED AND INCREASED INITIAL DRIVE VALUES, NOW RANGING FROM 1 TO 30%
- EXTENDED POWER PROFILE VALUES, NOW RANGING FROM 1 TO 7
- ADJUSTED FACTORY SETTINGS FOR OPTIMAL UNIVERSAL PERFORMANCE

ADDITIONAL EXPLANATION OF FUNCTIONS - iX8 V2 TEAM SOFTWARE V2.7

MODE 1	MODE 2	MODE 3	MODE 4
<p>Drive Mode Profile (v2.7 > unchanged):</p> <p>Allows you to adjust your ESC for all applications. No matter which motor rotation direction you need and if you want reverse or not you can set it up accordingly.</p> <p>You can disable reverse if you plan on using forward/brake only as you're used to from your nitro vehicle.</p> <p>CW motor rotation mode is available for models with reversed gearbox which normally cannot use a sensored brushless system.</p> <p>Intelligent Brake/Reverse v1.0:</p> <p>This dedicated part of the firmware provides a new level of driving experience when switching between braking and driving backwards and provides high reverse driving speed compared to the iX8.</p>	<p>Initial Drive (v2.7 > updated feature):</p> <p>Defines percentage of initial throttle power. This allows to adjust smooth throttle or aggressive acceleration.</p> <p>Values have been extended and increased, giving you options from 1% to 30% Initial Drive.</p> <p>Suggested settings:</p> <p>Smooth feel (better for low grip): 0-2</p> <p>Aggressive feel: 3-4</p> <p>Very aggressive feel: 5-6</p> <p>Attention: Higher Initial Drive settings increase the motor temperature significantly. When you are running high Initial Drive settings, motor temperature protection should always be active! Always monitor motor temperatures in order to adjust correct Initial Drive values!</p>	<p>Power Profile (v2.7 > updated feature):</p> <p>Allows you to adjust the ESC feel to your likes.</p> <p>Whether you run on slippery or high traction surfaces, we have incorporated a profile for you!</p> <p>Higher value means more overall power and more aggressive throttle response.</p>	<p>Protection (v2.7 > unchanged):</p> <p>Defines protection level. In normal operation only values 0 and 1 will be shown.</p> <ul style="list-style-type: none">• ALL: Protection for ESC, motor and battery active. ESC will shut down when critical temperature of ESC or motor is reached or when battery voltage drops too low.• ESC: Protection for ESC and battery is active. Protection for motor is disabled. <p>When battery cutoff voltage is reached, you will still be able to drive at reduced speed for an additional 30 seconds.</p> <ul style="list-style-type: none">• NONE: This setting disables all protection of ESC, motor and battery. To disable all protection, first select value 1, then press and hold SET button for 5 seconds -> blue LED flashes 2x. To reactivate all protection (value 0), press SET again. <p>Warning: For extreme competition application only! Possible damage of ESC, motor and battery will not be covered under warranty!</p>

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MODE	1		2	3	4
Red LED					
Yellow LED			Same Time	Alternate	
Value Blue LED	Drive Mode Profile		Initial Drive	Power Profile	Protection
	[Reverse]	[Direction]	[%]	[Value]	[-]
0			1	1	ALL
1	no	CCW (normal)	5	2	ESC
2	yes		10	3	NONE*
3	no	CW (reverse)	15	4	
4	yes		20	5	
5			25	6	
6			30	7	

White	Factory Settings
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* Please see mode explanations for more details.

HOW TO GET INTO „MODE PROGRAMMING“

Press MODE button for at least 3sec.

- How to check the stored settings ➔ Count the number of flashes of the blue SET-LED.
- How to change the settings ➔ Press SET button to increase setting by one step.
- How to get to the next Mode ➔ Press MODE button once.
- How to leave the programming mode ➔ If last Mode is reached press the MODE button one more time. This will also store your settings.

RESET SPEED CONTROL TO FACTORY SETTINGS AFTER SOFTWARE UPDATE. MUST BE EXECUTED AFTER EACH SOFTWARE UPDATE!

Switch on the transmitter, then press and hold SET button while switching on the speed control. This will set speed control to factory default settings.

CALIBRATE SPEED CONTROL TO TRANSMITTER. MUST BE EXECUTED AFTER EACH SOFTWARE UPDATE!

Connect the speed-control to the battery and switch the unit on.

- Hold SET button pressed for at least 3sec. ➔ You entered setup mode and SET LED flashes blue (it will flash until the setup is completed).
- Leave transmitter in neutral position and press SET button once. ➔ Neutral setting is stored, MODE LED flashes yellow, SET LED flashes blue.
- Hold full throttle on transmitter and press SET button once. ➔ Full-throttle setting is stored, MODE LED flashes red, SET LED flashes blue.
- Hold full brake on transmitter and press SET button once. ➔ Brake setting is stored, LEDs glow red (MODE) and blue (SET).

HOW TO READ OUT THE MAXIMUM TEMPERATURE:

For speedo temperature, press and hold MODE button while switching on the speed control. Then release button.

Press MODE button again to change to motor temperature read-out.

For the temperature read-outs count the flashes of the blue LED to indicate „temperature till shutdown“										
Blue LED	1	2	3	4	5	6	7	8	9	10
Temp. °C	> -45°C	-40°C	-35°C	-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	Shutdown
Temp. °F	> -81°F	-72°F	-63°F	-54°F	-45°F	-36°F	-27°F	-18°F	-9°F	Shutdown

Note: In high temperature and high load conditions we recommend to cut the 4mm plugs and solder motor cables directly to the motor. You should always check all connections that the connector plugs are tightly placed in power sockets. This protects your speedo from shutdowns and defects!