

NEW SOFTWARE



NEW LRP iX8 SERIES TEAM SOFTWARE V2.6

Along with the LRP iX8 V2, we are proud to introduce the all new v2.6 team firmware for the iX8 speed controller series. While primarily developed for the new iX8 V2, you are also able to install this update on your original iX8 and profit from its new features.

Initial Drive Mode has been added to allow you to choose between smooth initial throttle power and aggressive acceleration, making the iX8 series more versatile in different grip conditions. Our newly developed dedicated 1/8 brake provides an extremely linear and powerful brake performance. The Intelligent Brake/Reverse v1.0 algorithm, known from the Flow firmware v1.5, as well as an increased reverse speed and new power profile values will further enhance your overall driving experience.

Moreover, this update introduces automatic battery detection for 2S / 3S / 4S / 6S to the iX8 series, which takes over adjusting the right battery cut-off voltage for you. In case cut-off kicks in to protect your battery, you will still be able to drive at reduced speed for an additional 30 seconds. This allows you to get your car to a save position before the actual shutdown.

In short, firmware v2.6 gives you the tools to fully utilize the potential of your iX8 or iX8 V2 speed controller. Now it is up to you to use these tools to your advantage: Make no compromise, tweak your settings continuously and push your speedo and yourself to new limits!



Firmware: v2.6

Product: iX8
iX8 V2

Description: Team Software

Part No.: 80880
80881

KEY IMPROVEMENTS

- INITIAL DRIVE MODE
- NEW BRAKE DEVELOPED ESPECIALLY FOR 1/8 USE
- INTELLIGENT BRAKE/REVERSE V1.0
- AUTOMATIC BATTERY DETECTION FOR 2S / 3S / 4S / 6S
- LOW VOLTAGE PROTECTION WITH ADDITIONAL 30 SEC SLOW DRIVING FEATURE

ADDITIONAL EXPLANATION OF FUNCTIONS iX8 SERIES TEAM SOFTWARE v2.6

MODE 1	MODE 2	MODE 3	MODE 4
<p>Drive Mode Profile (v2.6 > updated feature)</p> <p>Allows you to adjust your speed controller for all applications. No matter which motor rotation direction you need and if you want reverse or not you can set it up accordingly. 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. At the same time reverse driving speed has been increased over the previous version.</p>	<p>Initial Drive (v2.6 -> new feature):</p> <p>Defines percentage of initial throttle power. This allows to adjust smooth throttle or aggressive acceleration.</p> <p>Suggested settings: Smooth feel for low grip: 0-2 Aggressive feel for high grip: 2-4</p> <p>Attention: Higher Initial Drive settings increase the motor temperature significantly.</p> <p>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 (v2.6 > updated feature)</p> <p>Allows you to adjust the speed controller 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>Value 1 = minimum Value 5 = maximum</p>	<p>Protection (v2.6 -> new feature):</p> <p>Defines the level of protection for your speedo and motor. Battery protection is automatic and always active.</p> <p>When cut-off voltage is reached, you will still be able to drive at reduced speed for an additional 30 seconds.</p> <p>Note: In case motor temperature shutdown comes close before the end of the race, you might consider switching off the motor temperature protection.</p> <p>Be aware that the motor might overheat, resulting in a loss of warranty of the motor. Therefore motor protection use is highly recommended!</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	Motor & Speedo
1	no	CCW (normal)	3	2	Speedo only
2	yes		6	3	
3	no	CW (reverse)	9	4	
4	yes		12	5	

White	Factory Settings
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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!