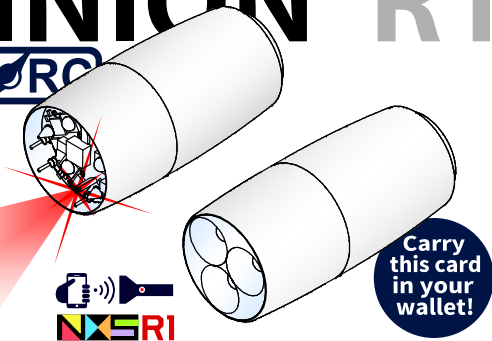


MINION R1

LUX RC



Use with a high current not protected IMR 18350 battery



Almost lossless switching fully regulated driver for longer runtime



Constant current no-PWM silent operation in all modes



Wireless optical programming from any computer, tablet or smartphone



Battery voltage meter provides 0.1V accuracy



Deep red LED for efficient moonlight and locator modes



Configurable temperature control and protection



Configurable battery protection



Adaptive battery stretch function to prolong runtime and battery life



Three programmable memory modes



Configurable light bounce switch



Programmable arbitrary signal generator

How do I...

Procedure

Switch the light ON and OFF	Twist the head to switch the light ON and OFF. Depending on the memory setup it starts with the first mode or the last used. The default red locator standby mode is activated from any mode with a short twist.
Change the mode	Do a short back and forth twist to change the mode. The default configuration is "red locator" → "low" → "medium" → "high". New modes are added with web application on our site.
Add and edit modes	Use the wireless optical programmer to manage your flashlight configuration. Sign up in www.lux-rc.com , select NXS NXS → NXS R1 Setup in the main menu. Once you have finished with the setup, press "Save and Program" button and follow the onscreen instructions to upload the new configuration into your flashlight. The MINION programming PIN code is "1-1-2" (flash → flash → double flash → ON).
Select a good battery	For maximum performance make sure that your battery is rated to provide at least 7 Amp discharge current. This flashlight is compatible with not protected button top IMR 18350 rechargeable batteries. The battery should not be shorter than 34.5mm.
The light steps down, why?	With a fresh fully charged battery and with adequate cooling the light runs with a steady output. The light may reduce the output if it gets too hot or the battery drops below 3.2V. We strongly recommend to keep factory battery protection and stretch functions set ON. Also do not set the temperature cutoff above 55C for maximum battery safety.
Use factory locator standby	Do a short back and forth twist after 2 sec in any mode to switch into very low current red locator standby mode which may become handy when you need to spot your flashlight in darkness.
Use bounce switch to access red mode	By default your MINION is shipped with bounce switch set ON. With this option you can switch into red mode from high mode by obscuring the flashlight lens by hand or any other object that reflects the light back. The bounce switch protects from burns and fast battery discharge when high mode becomes unintentionally activated in pocket or in your luggage.
Check battery voltage	To access voltage meter enter " 1-1-1 " PIN by short back and forth twists: flash → flash → flash → ON. Volts are shown as white flashes, the tenths are red. To return to normal operation do a short back and forth twist. The lithium battery voltage levels are: 4.0V and above when it's fully charged, 3.6V is about 50%, 3.2V and below when battery is low. The battery is locked to prevent damage at 2.8V.
Check serial number	To learn more about your flashlight configuration and ownership history enter its serial number at www.lux-rc.com (select "Serials" in the main menu). The MINION serial is signaled with red flashes in programming mode after some while of inactivity. To access programming mode enter "1-1-2" PIN.
Ask for help	Email at sales@lux-rc.com or better join us at www.facebook.com/groups/luxrc/