







Features:

- *One handed side clicky operation.
- *Backlit touch screen panel facilitates convenient and discreet and infinite brightness adjustment.
- * Utilizes 4pcs CREE XM-L2 (U2) LED
- *Uses microcomputer controlled efficient algorithm, resulting in run time up to 250 hours
- *Power meter for battery capacity
- *Uses rechargeable (18650), and primary single use (CR123A) consumer cells.
- *Toughened ultra-clear mineral glass with anti-reflective coating
- *Aluminum alloy reflector - increased throw distance achieved from sophisticated geometric design parameters.
- *Aerospace-grade T6063 aluminum alloy, military grade type III hard-anodized

Size	Weight	Accessories
L:142mm	328 g (battery excluded)	charger adapter
Diameter of head:54mm		holster
Diameter of tail:51.5mm		O-ring/ Screen protector

Battery options	size	voltage	compatible
Primary Lithium battery	CR123A	3V	yes(Compatible but can NOT be recharged)
18650 Rechargeable LI-ion battery	18650	3.7V	yes(recommended and can be recharged)

Output & Runtime

STANDARD	6 programmable checks	4 programmable checks	2 programmable checks	1 programmable checks	Strobe
	3800 lumens	2900 lumens	895 lumens	5 lumens	1065 lumens
	1H	5H	20H	250H	
	450m (Beam distance)				
	48000 cd (Peak beam intensity)				
	Impact resistant				
	IPX - 6				

Remark: The above data has been measured in accordance with the international flashlight

testing standards: ANSI/NEMA. Four IMALENT 18650 3.7V 3400mAh rechargeable li-ion battery and 8pcs CR123A (3.0V) 1550mAh batteries was used under laboratory conditions. The data may vary during real-world use due to battery type, individual usage habits and environmental factors.

Operation instructions

Battery installation

As the following pictures, unscrew the tail cap, insert 4pcs 18650 rechargeable Li-ion batteries or 8pcs CR123A(3.0V) batteries into the magazine with the positive(+) and negative (-) ends corresponding to the diagram on the magazine (Battery magazine has + positive pole and - negative pole symbols), and then load it into the flashlight body and replace the tail cap.

Warning:

1. Insert the batteries according to the above instructions, otherwise the flashlight will be damaged.
2. Do not mix batteries of different types/brands.
3. Do not mix rechargeable and non-rechargeable batteries.
4. Do not mix batteries of different charge levels.
5. Do not use lithium batteries without a protected circuit board.
6. This product does not support unprotected 18650 Li-ion batteries. Please also ensure that all the 18650 batteries used in the DD4R have a button top configuration or they will not make contact with terminals in the battery magazine.

Remark:DD4R is compatible with 8pcs CR123A (3.0V) Lithium batteries and 4pcs 18650 rechargeable Li-ion batteries. Every time inserting the batteries, built-in microcomputer of DD4R will automatically check the type of the battery and choose the best driving parameter and battery capacity testing parameter. The LED light and multi-functional display will be on for 3 seconds to indicate that the test is finished.

Powering light ON/OFF:

Switching ON: Press the side button to activate touch display screen and the light will be on . Note the display will indicate the output level is in the same state as when the light was last turned off (last mode memory). Otherwise, it will default to high output when there is no last mode memory state, such as subsequent to battery replacement, first time use, etc.

Switch off: Press and hold the switch button for 1 second and the light will power off.

Long Term Storage: There is parasitic drain when the light contains batteries, for long term storage, remove batteries.

Touch display:

The display is used to control the brightness level from dimmest setting to brightest in multiple graduated increments. With the light turned on, use your finger to control the brightness level bars on the touch display (initial response time to activate the screen controls is not quite as fast as the touch screen on a smart phone). The output will be dimmer when you slide your

finger toward the base of the light until one bar is showing and highest when you slide toward the head of the light and all bars are showing. As noted above, the model has memory function, the output will be memorized when the flashlight is off, and when you switch on the flashlight, the output will be the same mode as when you switched it off.

SOS and Strobe

With the light on, press the on/off button 0.5 second to enter into “strobe” mode, soft press on/off button 0.5 second again to enter into “SOS” mode. Press the button for 0.5 second again to switch off strobe and SOS.

Lockout function

When the light is in the powered on state, the backlight display will be locked on "screen saver" status automatically after 30 seconds. Screen-saver status will prevent operating errors caused by inadvertent screen touches. When the screen is locked, to disable screen lock, soft press the side clicky switch. If want to deactivate the display, tap the screen when it is not locked. The power management feature shuts down most of the circuits to reduce parasitic drain of the batteries. (The drain rate is 0.1mA when the light is off, which means one 18650 battery could provide operating current for up to nearly 2 years, but of long term storage battery removal is recommended).

Intelligent heat control system:



As the DD4R is very compact, extended operation in Turbo mode will cause the body temperature to continually rise and it may be too hot to comfortably hold if the external ambient temperature is also warm (such as summer or in warmer climates). As a result, we designed an integrated thermal protection circuit which prevents overheating. With the light turned on in Turbo mode, for user safety and to protect the flashlight from failure, the DD4R will automatically reduce its output to prevent overheating once it has reached 60 degrees (the maximum temperature before unprotected skin injury may occur). The DD4R's circuit has a logic algorithm that will cause the light to revert to high output mode if the turbo mode has been sustained continuously for 3 minutes.

Power Tips

The battery indicator on the left is telling you estimated charge remaining on the installed cells. The right battery indicator is a hold-over from our other models that feature in-light charging. On the DD4R, this indicator icon is always lit, and serves no purpose (i.e., isn't displaying relevant info for this model).

Charging the DD4R

The product comes with intelligent charger, as shown in the following image, connect the charging cable to the flashlight and the AC power adapter to the wall outlet. Fully charging 4pcs 18650 batteries takes approximately 5 hours.

1 Under normal charging conditions, the multi-functional display will be on automatically, the power indicator symbol "  "on the left will show the charging status,the power indicator symbol"  "will blink rapidly.

2 When charging is complete, the power indicator on the right will stop blinking, charging will stop automatically.

Maintenance

Every 6 months, threads should be wiped with a clean cloth followed by a thin coating of silicon-based lubricant.

Warranty Service

All IMALENT products are warranted for quality. DOA / defective products can be exchanged for replacement through a local distributor/dealer within 15 days of purchase (An RMA authorization must be obtained from the dealer in advance). After 15 days, all defective / malfunctioning IMALENT products will be repaired free of charge for a period of 24 months from the date of purchase via factory warranty. It is the buyer's responsibility to cover return shipping costs to our factory, and an RMA authorization must be obtained in advance.

After 24 months, a limited warranty applies, covering the cost of labor and maintenance, but not the cost of shipping, accessories, or replacement parts. An RMA authorization must be obtained in advance

The warranty does not apply when:

1. The product(s) is/are disassembled, reconstructed, or modified from their original state.
2. The product(s) is/are damaged through improper use.
3. The product(s) is/are damaged by leakage of batteries.