

## Specifications

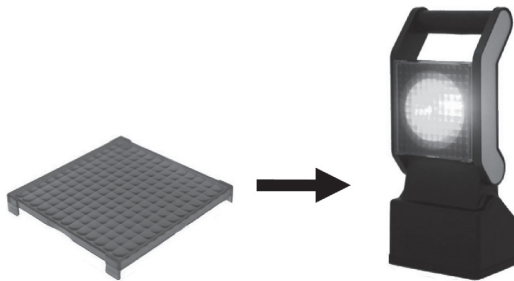
<b>Case:</b>	Polycarbonate shock proof, black
<b>Protection class:</b>	II
<b>Ingress protection:</b>	IP54
<b>Illuminant:</b>	3 Watt Power-LED white
<b>Battery:</b>	Li-ion-Akku maintenance free 7,4V / 2,2 Ah
<b>Charging time:</b>	max. 6 hrs.
<b>Operating time:</b>	at 100%, 4 hrs. at 50%, 8 hrs.
<b>Charging voltage:</b>	230V AC or 12V DC
<b>Permissible ambient temperature:</b>	0°C to 40°C
<b>Mains adaptor</b>	Input 230V/50Hz, Output 12V/500mA
<b>Weight:</b>	650g

## Charging bracket

Weight: 140g



## Diffuser (optional)



## Car plug (optional)



# LED-Emergency Lantern

# HX



## Important Information on Emergency Lantern's Battery Care!

- When charging the lamp for the first time, or if the lamp has been stored for a long time, it normally takes about 3 X charge and discharge cycles for the batteries to regain full capacity.
- Charge 15 hours for first time
- The life expectancy may be reduced if the battery in the lamp is subjected to adverse conditions like: extreme temperature (outside recommended operating temperature range of 0°C-40°C).
- If the lamp is stored over one year, in order to prevent the degradation of battery, the lamp should be at least charged and discharged once within one year.

## Operating Instruction

### Rechargeable 3W LED Emergency Lantern HX

Area of application: Robust and reliable Emergency Lantern HX for professionals. It is suitable for the automobile, building industries, fire fighters and rescue teams uses.


#### Warning! Important safety advice!

Operation Temperature: 0°C - 40°C. Must not be operated under adverse circumstances such as: Temperatures above 40° and in water.

As soon as you assume that operation of the unit under safe circumstances is no longer possible, unplug the unit immediately and make sure that it's not put into operation inadvertently. Operating the unit has become unsafe when the unit does not show any signs of working or has been visibly damaged, when damage has occurred during transport of after storing the unit under unfavorable circumstances.

Servicing and repairs must be conducted by authorized personnel only. Only parts of the indicated value shall be used as replacement.

#### Charging:

- Charging 15 hours when using for the first time.
- Charge the lamp with the included 12V500mA AC/DC adaptor through the charging bracket. The charging indicator LEDs (in Fig. 1 & Fig. 2) turn red.
- After fully charge (approx. 6 hours), the  LED turns off and only **FULL** LED lit (in Fig. 1). The charging indicator in Fig. 2 will turn green when fully charged as well.

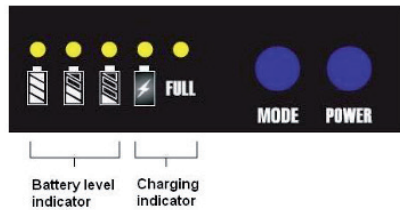


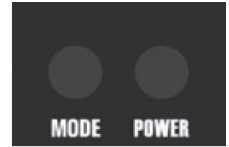
Fig. 1



Fig. 2  
Charging indicator

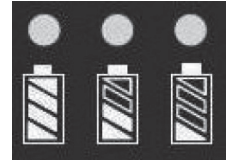
#### Operation:

- (1) POWER switch turns the 3W LED on
- (2) MODE switch changes among three modes:
  - full brightness mode
  - dimmer mode
  - blinking mode




#### Indications:

- (1) Battery level indication during operation of the lamp:
  - a. > 90%: All 3 LEDs turn RED
  - b. 60 – 90%: The bottom 2 LEDs turn RED
  - c. < 60% (low battery): The bottom LED turns RED



(The low battery LED  will flash if it's nearly out of battery)

- (2) Charging indication operates during charging:
  - a. Charging – Both Charging LEDs (Fig 5 & 6) turns RED
  - b. Fully charged – Charging LED  turns off and **FULL** LED turns RED in Fig 5.  
– Charging LED turns green in Fig 6.

#### Magnet:

With a magnet at the back, the lamp can be put on metal wall



#### Auto Turn-On Function:

During charging with any power switch on, in the case of a power outage occurs the lamp automatically turns ON.

#### Protection Function:

Microcontroller protects the battery from over charging. The charging function will stop automatically when the lamp is fully charged.