



User Manual

Nanight Sport Video Dive light

Thank you for choosing a dive light from Nanight! The lamp is designed for diving at depths of up to 500m. We at Nanight hope your new lamp will give you many rewarding days and nights of diving!

1 PRODUCT DESCRIPTION

- Output: 4000 emitter lumens
- LED Type: Cree XHP70
- CRI: 90
- Beam angle: 160°
- Max depth: 500 m
- Battery: 14,4V Panasonic Li-Ion, 3350 mAh
- Burntime: 2h 45 min
- 4-step dimming
- Operating temperature: 0 – 35°C
- Operating voltage: 5 - 20V
- Weight: 500 g
- Weight in freshwater: ca 150 g

2 NANIGHT SPORT VIDEO INCLUDES THE FOLLOWING PARTS

- Dive Light
- 1" Ball or YS arm adapter
- Charger
- Battery pack
- Case and a sticker

3 BEFORE USE

3.1 CHARGE THE BATTERY

Charge with external charge port:



- Open the lid of the charge port by pressing the lid and unscrew counterclockwise.
- Connect the charger to the wall and plug in the DC connector to the light.

- The charger will indicate charging by a red LED. A green led will indicate completed charge.
- Disconnect the charger, inspect the o-ring for damages and dirt. Replace o-rings or clean them if necessary, refit the lid and make sure it is in the locked position.

Charge without charge port

- Open the dive light by unscrewing the sealing plastic plug counterclockwise.
- Disconnect the battery connector by pressing down on the latch and pull the connectors apart (see picture).



- Connect the charger connector to the battery connector. **It is important that the connectors are connected to each other in the correct orientation** (see picture).
- Plug the charger into a wall outlet. The charger's indicator light turns from red to green when the battery is fully charged.

- When the battery is fully charged, disconnect the charger connector and reconnect the dive light connector. **It is important that the connectors are connected to each other in the correct orientation** (see picture).
- Inspect the o-rings, clean any debris and replace them immediately if damage exists.
- Make sure that the elastics around the battery is tight and keeps cords and plugs in place.
- Close the dive light by pushing the plastic plug into the pipe, past the first o-ring. Tighten the plastic cap by turning clockwise. Be careful so that the parts threading properly against each other.

3.2 USAGE

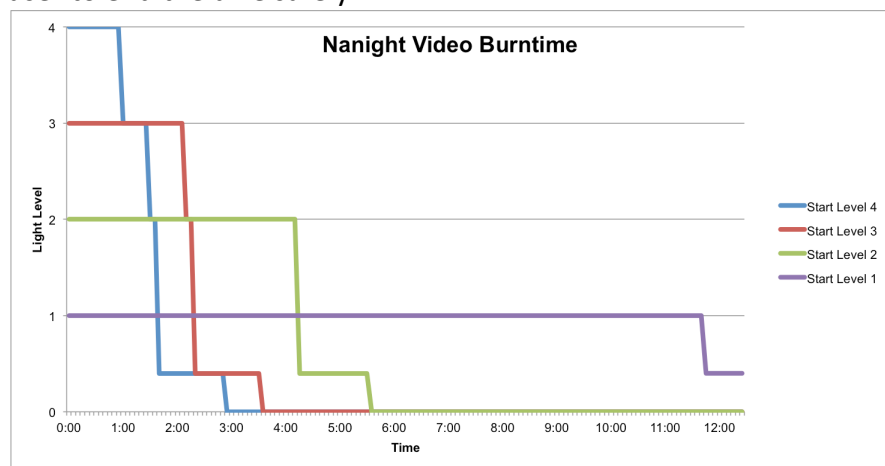
The drop-shaped knob controls the functionality of the lamp. Loosening or tightening the screw can adjust wrath of inertia.

3.3 SWITCH THE LIGHT ON

- Turn the knob clockwise. It will start at 75 %.
- To check the battery charge status: turn the light on and then off within 2 seconds, a number of short flashes indicate battery charge status:

| Flashes | Battery Level |
|---------|---------------|
| 4 | 75-100% |
| 3 | 50-75% |
| 2 | 25-50% |
| 1 | 5-25% |

When the battery levels falls, the amount of light will automatically be reduced to save the battery, and allow the user to end the dive safely.



3.4 SWITCH THE LIGHT OFF

- Turn the knob counterclockwise until it touches the locking position, the light will go off with a delay of 2 seconds.
- Turn the knob counterclockwise past the locking position, to ensure that the light does not come by accident, for example during transport.

3.5 DIM THE LIGHT

- Turn the knob counterclockwise until it touches the locking position, and back again within 2 seconds. It will switch to full effect.
- Repeat the maneuver for further dimming.
- In this way, the light is dimmed gradually in four steps.

Note that the light automatically dims down to preserve battery level to make time to end the dive safely. See the burntime graf in the previous section.

4 AFTER USE

4.1 MAINTENANCE

- Rinse the dive light in fresh water after use.
- Lubricate the seals with silicone grease if necessary.
- Disconnect the battery if the light is not used for long periods or when transporting by air.
- Make sure the o-rings are clean from debris and undamaged. Replace o-rings if necessary.

5 WARNINGS AND PRECAUTIONS

- Nanight Sport video is a bright light. Never direct the light directly into the eyes of yourself or others.
- When using the dive light above water, it may become hot. Be careful not to burn yourself or others.
- Do not disassemble the dive light while it's still wet.
- Do not recharge the battery if the water has penetrated into the dive light.

6 RECYCLING

This product contains electronic components and must not be disposed of with household waste. Leave the product for recycling in designated areas, such as municipal recycling center.

7 WARRANTY

Provided the product is used as intended, 2 year of warranty is given on the lamp, and 6 months on the battery pack. The warranty

is valid provided that a receipt of the purchase can be presented, and includes repair or replacement of defective parts.

8 CONTACT INFORMATION

Nanight AB

support@nanight.se

<http://nanight.se>

For further information about lights and accessories, please visit

<http://nanight.se>

9 ACCESSORIES

YS arm adapter

1" ball arm adapter

Lantern handle

Goodman handle