



### Safety and warning notice

Never put loupes or other optical components in front of the light head in order to avoid additional focusing of the light. This device meets the requirements of the norm DIN EN 62471:2009-03. Avoid direct eye contact with the light. The aluminum light head can heat up during operation. Always use the correct adapter for the light as it also serves for heat dissipation.

### Charging the battery

Before the first activation the battery (3) must be charged completely without interruption. Connect charger (9) to the electrical grid – the green lamp (7) shows it is active. Fit the battery into the charger – the charging control lamp (8) lights up orange and the charging begins. The charging control lamp (8) goes out when the battery is fully loaded. The charging should be done at a permanent power supply (without night shutdown).

### Use of the light system

starlight is designed for the usage in the medical area and intended for an intensive illumination of the field of treatment.

### Activation

Remove the fully loaded battery (3) from the charger (9). Put the battery (3) into the control unit until the latches snap in.

### Wiring

Mount the control unit with the clip (backside of control unit) to belt or trouser or simply put it in your pocket. The cable should be wired close to the body using the cable clip (2) in order to prevent accidentally getting caught.

### Patient protection

The patients eyes should be protected of direct light irradiation applying the protective foil (10).

### Switch on

Press the on switch (4) briefly. The light goes on with the last-adjusted brightness value.

### Light intensity

Through holding the + button (5) the brightness increases stepless, pressing it briefly increases it step by step. Through holding the – button (6) the brightness decreases stepless, pressing it briefly decreases it step by step.

### Composite modus

To activate the composite modus press the on switch (4) again briefly. This modus is setting the brightness to an optimized value for working with composite material whereby the premature hardening is reduced. Pressing either the + (5) or – (6) button briefly is setting the device to the last-adjusted brightness value back.

### Switch off

Pressing the on / off switch (4) long (ca. 2 Seconds) and then release to switch off the starlight.

### Operating status

The operating switch (4) shows the function of the system. The ring from the switch is lighting up in blue if the starlight is switched on. As soon as the battery hits the remaining time of approx. 20 minutes the operating switch (4) is changing from blue to red color.

### System failure

If the operating switch (4) is blinking red the system has a failure. Please get in contact with our Customer support immediately.

Phone +49 (0) 8092 – 850 447

www.starmed-technik.de

info@starmed-technik.de

### Cleaning and maintaining

No special treatment is needed for the LED lighting system. General stain and dirt can be removed with a humid towel or cloth. For cleaning the lens of the light head please only use a microfiber cloth (no paper towels). For disinfection of the light system and the patient protective foil please use a non-alcohol surface disinfection.

### Warranty

Warranty is 24 months for the LED light unit and 12 months for the battery starting with delivery date (bill of delivery).

### Technical data

Battery	Li-Ion 2600 mAh
Operating time	ca. 10 hours (with lowest intensity) ca. 4 hours (with highest intensity)
Charger	100 V to 240 V AC; 50 / 60 Hz 1.500 mA, Protection class II
Battery charging time	ca. 2 hours

### Scope of delivery

1 Box incl. protective inset  
1 Instruction manual  
1 Control unit incl. light head  
1 Battery  
1 Charger incl. 240 power plug  
1 Patient protective foil  
1 Cable clip

### Spare parts / accessories

Battery	AS 503
Charger	AS ASC 410N
Cable clip	SM L 0015 N
Patient protective foil	SM L 0001
Orange filter	SM L 0096 (pluggable) / SM L 0097 (foldable)
Optical lense	SM L 0013 (only for starLight nano 1.1)

### Kontakt

starMed GbR  
Am Schammacher Feld 19  
85567 Grafing b. München  
Telefon +49 (0) 8092 – 850 447  
info@starmed-technik.de  
www.starmed-technik.de