



INDIA



SWEDEN



(User manual)
Baselight 420X

Medihelp Healthcare Pvt. Ltd.

6052/1, D-6, Vasant Kunj, New Delhi-110070, Ph. 011-4605 2020, 9871 555 932

E-mail : medihelpindia@gmail.com Website : www.first-aid.in

Table of contents

General cautions	3
Operation overview	4
Component diagram	5
Leg operation 1	6
Leg operation 2	7
Mast operation 1	8
Mast operation 2	9
Armature configuration 1	10
Armature configuration 2	11
Using the ballast accessory	12
Maintenance	13
Technical data	14



Read this carefully before operation to avoid personal injury or void warranty.

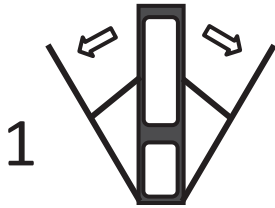
Intended usage

Baselight 420X is a mobile lighting equipment intended for temporary illumination where high lumen output in combination with low weight and minimal power consumption is required. Baselight is designed to protect the operator as much as possible and all important safety functions are in red color. It is however an requirement that the operator understand the limitations of this equipment by reading this manual.

Caution

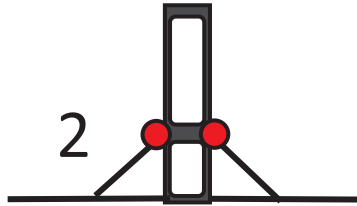
- Never cover the armature when switched on.
- Deploy the legs and secure their locking before the armature and mast is raised.
- Never switch on power before armature is outside the transport box.
- Make sure that Baselight is properly secured to the ground.
- Make sure that Baselight stands level on ground before the mast is raised.
- Make sure that Baselight is secured to the ground on slippery surfaces (snow, mud etc).
- Never try to adjust the leg angle when the mast is raised.
- Never use high pressure water to clean/rinse Baselight. Use garden hose pressure only.
- Always use electrical connections with protective earth and ground fault switch.
- Never try to open electrical junction boxes. Dangerous voltage inside!
- Never hold out the red locking handles when raising the mast.
- Never use chemical substances to clean Baselight.
- Never put any extra weight/equipment on mast or armature.
- Never lit the armature by grabbing the armature itself. Always lit by mast.
- Make sure each section locks (click sound) when raising mast.
- Never drop the mast onto lock bellow. Slide downwards gently.
- The light source in this product is based on light emitting diodes (LED). Avoid looking into the light source as this may affect your eyesight.

OPERATION OVERVIEW



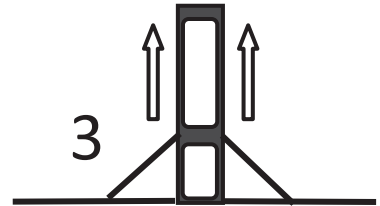
1

Extend all three legs to the ground.



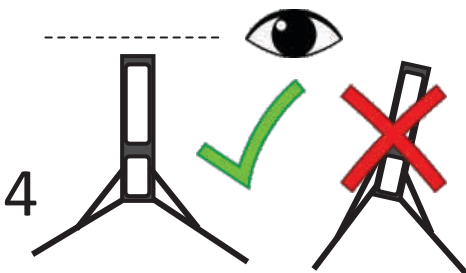
2

Engage locking lever in up position on all three legs (See chapter "Leg operation")



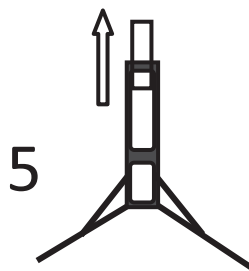
3

Raise box until it stands up. Self locking.



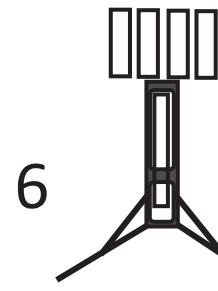
4

Adjust leg angles if necessary so that Baselight stands straight and level (See chapter "Leg operation")



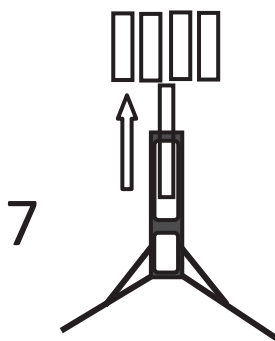
5

Raise armature out of transport box until first mast lock engages.



6

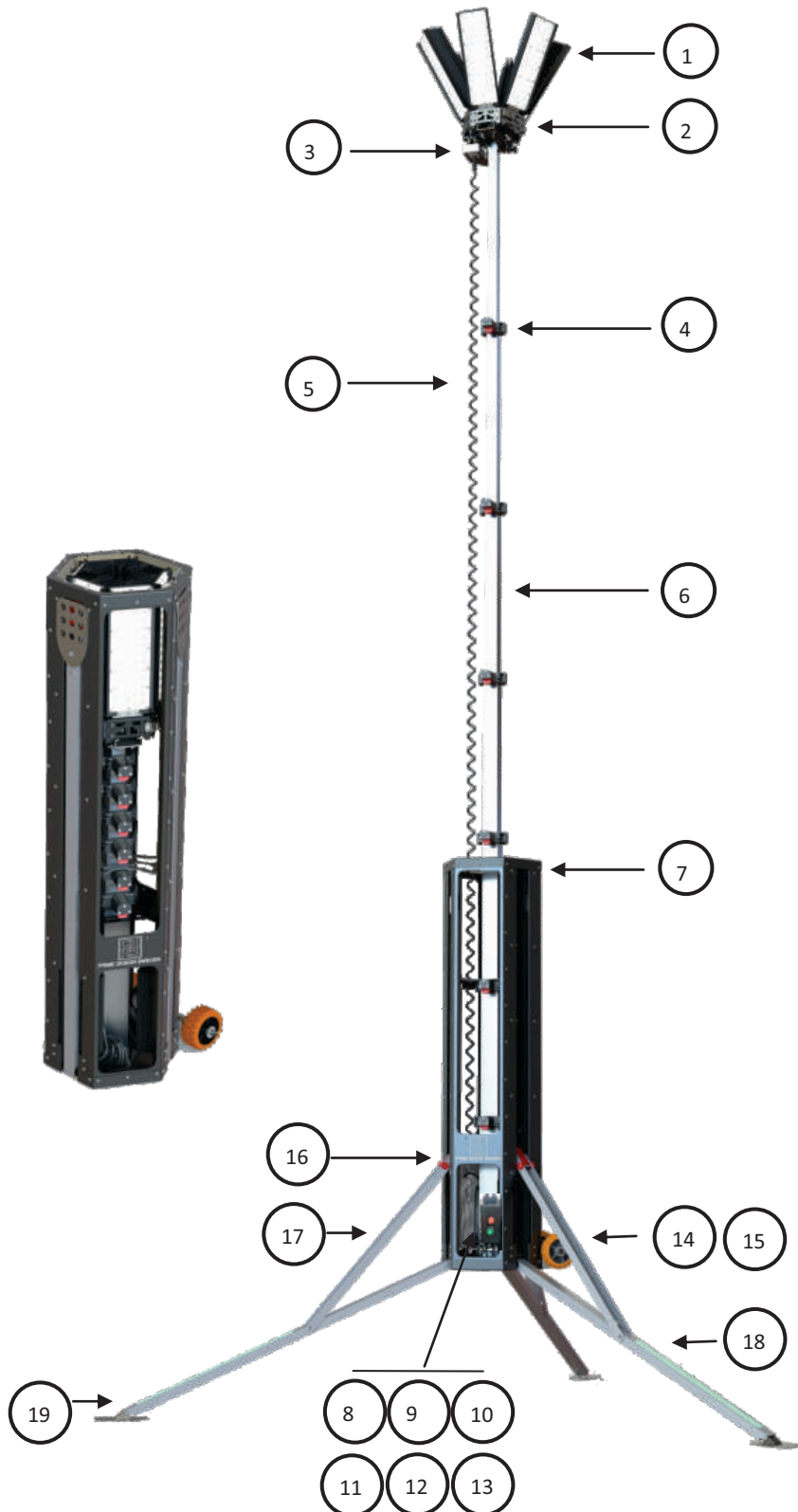
Choose armature configuration. (See chapter "Armature configuration")



7

Raise mast to desired height. (See chapter "Mast operation")

COMPONENT DIAGRAM



- 1 Armature
- 2 Armature platform
- 3 Armature junction box
- 4 Mast lock
- 5 Spiral cable
- 6 Mast
- 7 Transport box
- 8 Mains junction box
- 9 Dimmer
- 10 Power switch
- 11 Power extension outlet
- 12 Power cord
- 13 Power supply x 2
- 14 Wheels
- 15 Wheels assembly
- 16 Leg lock
- 17 Support leg
- 18 Main leg
- 19 Surface shoe

LEG OPERATION 1



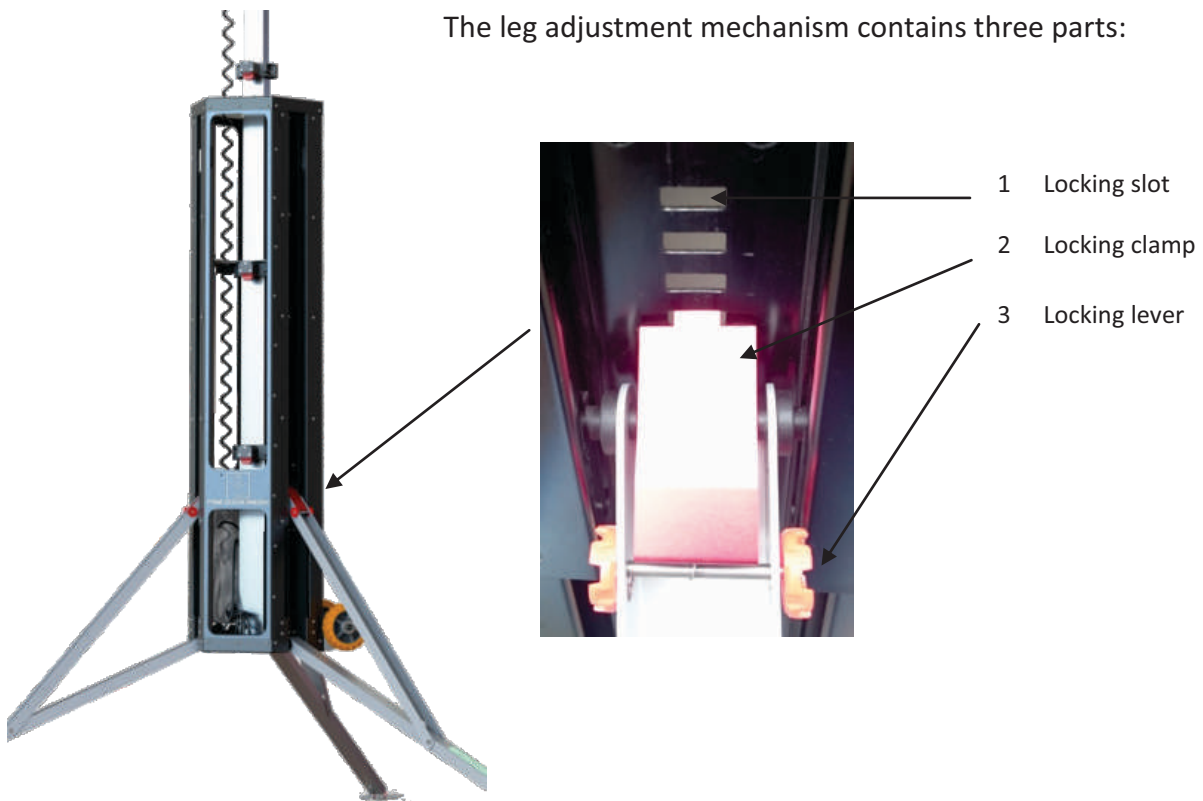
CAUTION! Never try to adjust leg angles after the mast is extended.

Always lower the mast before making adjustments.

Baselight have three support legs that can be individually adjusted to compensate for uneven terrain. The goal for the operator is to ensure that Baselight transport box always stand straight (level) **before** rising the mast.

Furthermore the operator must ensure that Baselight transport box can not slide on the ground and possible use the anchorage holes in the legs surface shoe.

The leg adjustment mechanism contains three parts:

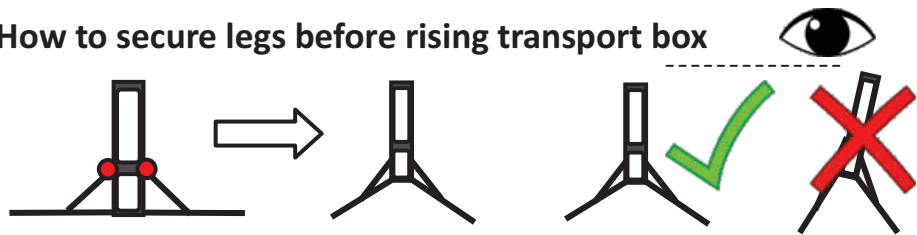


LEG OPERATION 2



SECURED

How to secure legs before rising transport box



When the locking lever is in its top position the self locking mechanism is engaged. Baselight will now self lock when transport box is raised. The operator must determine if Baselight transport box is standing straight (level) after being raised from ground.

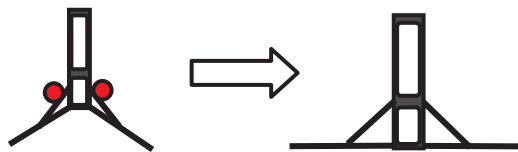
There are two main reasons for further adjustments:

- A) When raised Baselight transport box did not self lock in a level position due to the fact that it was not raised straight.
- B) The terrain is uneven such as a slope or bump and that needs to be compensated for.



UNSECURED

How to unsecure legs before lowering transport box



Always make sure that Baselight armature is stowed inside the transport box before proceeding with this step!

Release the locking lever by bringing it to the down position on all three legs. The self locking mechanism is now deactivated and Baselight transport box can be raised from the ground a few centimetres *) and the locking clamps will now leave the clamp holes. It is now possible to lower the transport box to the ground.

Picture shows locking lever in unlocked position (lever down).

*) Ergonomic tip! Stand close to Baselight and lift with bended knees and straight back.

MAST OPERATION 1



CAUTION! Baselight contains a self locking telescopic mast. To avoid personal injury or damage to Baselight these procedures must be followed!



A

TO EXTEND THE MAST

Make sure that the support legs have been extended and locked and that the transport box is raised from ground and in a level position. See chapter "Leg operation".

1. When raising a mast section place one hand on the telescopic pole and the other hand on the lock below to hold it in place while lifting the section above. **(picture A)**
2. Start by rising the armature out of the transport box **(picture B)** and then raise it up until the lock engages with a click sound. Make sure it is locked by moving the section up and down before releasing grip. Failure to do so could cause the section to fall down and damage the lock below.
3. Now it is time to choose a configuration of light. See chapter "Light configuration" before proceeding with step 4.
4. When light configuration is done continue to raise the next mast section until desired height has been achieved or mast is fully extended.



B

MAST OPERATION 2



CAUTION! Baselight contains a self locking telescopic mast. To avoid personal injury or damage to Baselight these procedures must be followed!



TO LOWER THE MAST

1. Always start by lowering the bottom section first and then the one above (and so on).
2. Place one hand around the lock and use the index finger to pull on the red grip while the other hand grips around the mast section and lift it upwards a few millimetres. This will disengage the safety mechanism and make downwards movement of the section possible.
3. Keep the grip around the mast section (right hand in picture) and let it slide downwards slowly. Apply braking if necessary. The section should never be allowed to drop onto the next section which could damage to the locking mechanism.
4. Before the last (upper most and thinnest pipe) section is lowered the operator must configure the armature for stoving (see armature)

Please note

Different weather conditions could affect the operator's possibility to get good friction when braking the downward movement. If such conditions should exist it is recommended to suspend mast operations until the condition is more favourable. Always inspect the friction condition before operating the mast.

ARMATURE CONFIGURATION 1

When the upper most section of the telescopic mast is raised (see chapter: MAST OPERATION 1) out of the transport box it is time to select which armature configuration to use.

360 Degree configurations

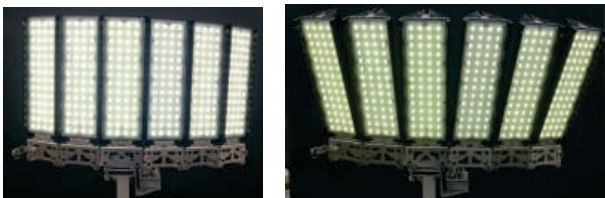
This type of configuration provides light in all directions (360 degree).



When used in a tilted mode make sure that the friction lock engages. The operator folds out the panels until they reach a stopping position.

180 Degree configurations

This type of configuration provides concentrated light in one direction (180 degree). See next page for configuration instructions.



Mixed configuration

As the name implies this is a mix of tilted and straight armatures.



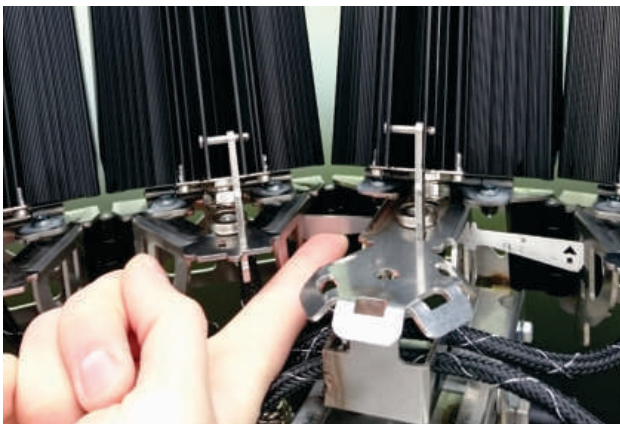
ARMATURE CONFIGURATION 2



Open the snap lock on the armature base and lit the left part of the armature slightly over the slide base.



Push gently with both hands on each side of the armature until it locks into position. Check that it has locked by trying to close the armature. Apply slightly more pressure if the locks have not engaged.



To restore the armature to 360 configuration before storing you must lift the locks on each armature by pushing them upwards. It is a good practice to start with one side at a time (left or right) and work from the inner lock outwards. The left side of the armature needs to be gently lifted above the slide base to be closed properly.

Attention! Make sure no cables are pinched when doing this.

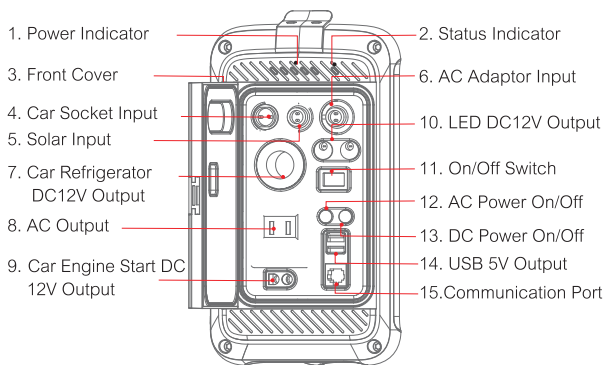
एक्सेसरी (ACCESSORY)

Solarstock (Power Bank)




Starting the car


Charging for car fridge




Load	Time
400W	0.5-1.5 hours
300W	1-2 hours
150W (TV, CPAP)	3-4 hours
100W (car fridge)	5-6 hours
10W (lamps)	59-60 hours
5W (smart phone)	100-120 Charges



 User-friendly interface

 Long Running Time

 Aluminum alloy case, portable all-in-one unit

MAINTENANCE

Baselight is designed for minimal maintenance and use in remote locations. It is a key feature of the product to require little or no maintenance.

The recommended maintenance is as follows:

Before every usage the operator must:

Check electrical wires for damage.

This relates to:

- Main power cable & plug
- Extension cable & plug
- Armature cables
- Spiral cable

Any damaged found on these items require immediate service. Do not proceed with operations until fault is removed.

Every year:

Lubrication of the telescopic mast.

Each year the inside of the mast sections should be lubricated with silicon spray. This is a simple procedure that involves the following steps:

1. Lift each mast section (one at a time) while holding out the red lock until part of the mast locking hole is visible above the lock itself.
2. Spray silicon inside for about 3 seconds.
3. Release red lock and slide mast section down.
4. Repeat procedure for every mast section.

TECHNICAL DATA

Wind resistance without ballast.....	Up to 20 m/s
Wind resistance with ballast.....	Up to 30 m/s
Luminous lux.....	50.000 Lumen
Light source lifeime.....	50.000 Hours
Working temperature.....	-30 to + 45 Deg C
Operaing voltage.....	90 to 305 VAC/50Hz
Power connector.....	CEE or Schuko
Colour temperature.....	6000 Kelvin (Bright Daylight)
Power consumpion.....	15 to 420 Wat (Dimmable)
IP Raing.....	IP67
Weight.....	30Kg(66lb)
Fully extended height.....	4.5 Meters (15 feet)
Transport dimensions.....	1200mm x 280mm
Ceriicaion.....	CE

Baselight in Action





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