

walimex

Copy of Instruction Manual



Daylight 450

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Thank you very much for your confidence. We wish you much pleasure and success with your new device.

The walimex Daylight 450 is a powerful, energy-saving continuous light, which is especially developed for ambitious beginners and professional users in film and studio photography.

The main features of your device as follows:

- stable light with constant colour temperature
- tiltable and rotatable socket, which fits on every common lamp tripod
- very lightweight
- reduced heat development through cold light source



- **Please read these instructions carefully before using your device for the first time. It includes everything you need to know to avoid physical injuries and damages.**
- **Please pay attention to all safety notes in this instruction manual.**
- **Please keep this manual safe. In case of selling or leaving the device to other persons, please don't forget to hand this manual over as well.**

1. How to understand the instruction manual

1.1 Markings on the device



This marking mean, that your device meets the safety requirements of all relevant European Directives.



This marking means that your device should be disposed in the local disposal points.

1.2 Markings in this manual

Marking	Meaning
⚠	Indicates the handling and consequences of safety notes.
⚠ WARNING	Indicates a hazardous situation, which, if not avoided, could result in a serious injury or death .
⚠ CAUTION	Indicates a hazardous situation, which, if not avoided, may result in minor or moderate injury.
<i>ADVICE:</i>	Indicates potentially physical damages and other important information in connection with your device.

2. Important safety notes

⚠ WARNING

Risk of eye injury

The optical radiation of the lamp could blind your eyes and lead to afterimages, if persons and animals look into the lamp directly. This could lead to injuries. Please avoid persons and animals looking into the flash directly.

⚠ WARNING

Danger of crashing, entrapment and fire through the falling down of the device

The weight of the device is 1kg.

- Make sure, that the device is always positioned tilt and skid resistant and stored securely.
- Keep out of reach of children and animal. They could overturn the device.
- Avoid placing cables, where they can be tripped over. The device could be overturned.

⚠ WARNING

Danger of electric shock, burn hazard

Please note, that the device is still connected with the supply voltage even if it is switched off. Just after disconnecting the device from the power supply through pulling out the power cable, the device is actually de-energized.

- Switch off your device when it is not in use.
- Switch off your device before mounting and maintenance and disconnect from power supply.
- Protect your device against unintended switching-on.
- Unplug the power cord, if the flash is not in use for a long time.

⚠ WARNING

Danger of electric shock, fire through short-circuit

A short-circuit could be caused through defect cables and through

humidity or moisture. A short-circuit can warm up the conductors, so that there isolation will melt or even melt thoroughly. This could lead to fire.

- Please just use the original cables, which are included in delivery. They are aligned for your device and guarantee the necessary safety for you and your device.
- Don't operate the device with wet hand or feet.
- Operate the device only in dry rooms.
- Don't operate the device outdoors.
- Please only follow this instruction manual for cleaning the device.
- Make sure, that cables and conductors won't be damaged. Damages could be caused through heat impact, chemical influence or through mechanical impacts as rubbing, bending, tearing, rolling over or nibbling animals.
- Prevent your device for falling-off.
In case of falling-off, please let an electrician check the device before switching on again.
- If your device should be damaged or defect or if you notice a burning smell:
Disconnect the power supply by pulling out the power cord immediately. Never operate your device with damaged housing, damaged reflector, defect lamps or damaged power cord. Don't open the device. Never repair the device on your own. The device should only be repaired by electricians.
- Please follow this instruction manual for maintaining your device.
- Please just use spare parts, which are conform to the required specifications.
See Technical Specifications.

 WARNING

Fire danger through overheating

The accessories can overheat, if it does not comply with the necessary specifications.

The device itself, accessories and easily inflammable materials in close distance could catch fire.

- Please just use accessories and spare parts, which are conform to the required specifications.
See Technical Specifications.
- Lamps, which are damaged or deformed through heat, should be exchanged immediately.
- Remove easily inflammable materials, which are in close distance to the device.

⚠ CAUTION

Danger of burning on hot parts

The lamp could heat up up to 40°C.

- Don't touch the parts during operation and cooling down.
- Please cool down your device completely before starting any mounting or maintenance arrangements.

⚠ WARNING

Danger of cutting and splitting through breaking lamps, possible discolouration on the lamps

Lamps can break and split, when they fall down.

Even small residues of skin oil on the lamps could lead, due to the high heat impact, to the splitting of the lamp. Broken glass could hurt eyes and skin.

- Please handle the lamps with care to avoid bursting.
- Don't touch the lamps with bare hands. Just touch the lamp at the plastic socket or wear clean cotton gloves or use a clean cloth.
- Avoid touching the flash tube accidentally when mounting or changing accessories.
- Please just use lamps, which comply to EN 60357 Page 3155.

3. Unpack and check the device

1. Please unpack your device carefully.
2. Please check, if the delivery is complete:
 - 1 Daylight 450
 - 1 Lamp
 - 1 Standard Reflector
 - 1 Instruction Manual in German and English.
3. Please check, if the delivery is undamaged.
ADVICE: If the delivery should be uncomplete or damaged, please contact info@foto-walser.de or our service hotline with the telephone number +49 84 32 / 9489-0.

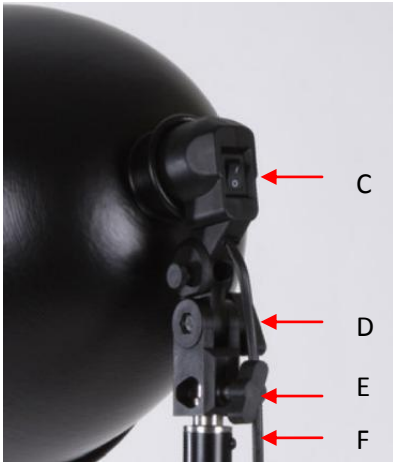
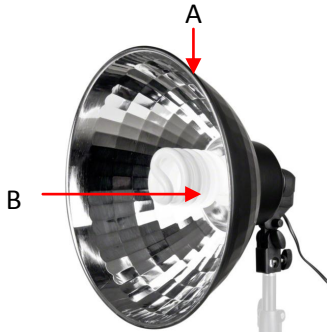
ADVICE:

We reserve the right to make technical and optical modifications in the course of product improvement. Pictures may be similar.

4. Overview about the parts

A Standard Reflector

B Lamp



C On/Off Tappet Switch

D Locking Screw for Tilt Angle

E Locking Screw for Lamp Tripod

F Power Cord

5. Quick-start guide

ADVICE:

The detailed instruction for the following operations can be found in the respective chapters in this instruction manual.

Keep the sequences of the following operation steps when using the device for the first time to avoid damages on the device.

⚠ WARNING

Please note the safety notes in the respective chapters throughout operation.

- Mount the device on a tripod (optional).
- Mount/demount standard reflector.
- Screw in lamp.
- Adjust tilt angle.
- Connect to power supply.
- Switch device and lamp on/off.

6. Preparation for operation

6.1 Mount on tripod (optional)

ADVICE:

Please note the user information of the tripod manufacturer.

⚠ WARNING

Select a tripod of suitable weight and dimensions. See *Technical Specifications*.

Make sure, that the tripod with the mounted device has a tilt and skid resistant stand.

1. Loose locking knurl.
2. Mount the device on the tripod.
3. Tighten locking knurl.

6.2 Mount/demount standard reflector

1. Mounting

You can mount the standard reflector through the holder on the housing.

2. Demounting

Screw out the lamp (*see Screw the lamp in and out*)

Pull off the standard reflector from the housing.

6.3 Screw lamp in and out

⚠ WARNING

**Danger of cutting and splitting through breaking or bursting lamp
Don't let the lamp fall down.**

Don't touch the lamps with bare hands. Just touch the lamp at the plastic socket or wear clean cotton gloves or use a clean cloth.

ADVICE:

Possible discolouration through burn marks on the lamps.

1. Switch off device.
See Switch on and off of the device.
2. Disconnect from power supply:
Plug out power cord.
3. Let the device cool down.
⚠ CAUTION! Danger of burning on lamps. Let the device cool down for approx. 10 minutes.
4. Screw in lamp:
Screw in the lamp carefully.
⚠ WARNING! Danger of electric shock. Always screw in the lamp as to avoid touching in the socket, when the device is switched on.
5. Screw out lamp:
Screw out the lamp carefully and store it securely.

6.4 Connect to power supply

Switch off device.

See Switch on and off of device.

Compare the local power supply with the connected load of the device. See *Technical specifications*.

If the values differ, please contact info@foto-walser.de or tel. +49 84 32 / 9489-0.

Connect the power cord with the socket on the device and with the power socket.

7. Operation of the device

7.1 Adjust tilt angle

1. Loose locking screw for tilt lever.
2. Adjust required tilt angle.
3. Tighten locking screw for tilt lever.

7.2 Switch device and lamp on and off

The lamp can be switched on and off through the On/Off tappet switch.

1. Switch on device and lamp:
Set On/Off tappet switch on I.
The lamp lights up.
2. Switch off device and lamp:
Set On/Off tappet switch on O.
The lamp will go out.

8. Transportation and storage

1. Switch off device.
See Switch the device on and off.
2. Let the device cool down completely.
⚠ WARNING! Danger of burning through hot parts. Let the device cool down completely.
3. Screw out the lamp and store it securely.
See Screw the lamp in and out.
4. Demount power cord.
5. Clean the device if necessary.
See Cleaning.
6. Put the device and all demounted elements in one carton and carry and store them according to the requirements in the technical specifications. *See Technical specifications.*

9. Solve problems

Problem	Possible reason	Remedy
Device is switched on, but has no function	Power cord is not plugged or plugged incorrect	Plug in the power cord correctly
Lamp do not light up	Lamp is switched off	Switch lamp on, see <i>Screw lamp in and out</i>
	Lamp is not screwed in firmly	Screw the lamp more firmly into the socket
	Lamp is defect	Change lamp, see <i>Screw lamp in and out</i>

10. Maintenance

10.1 Continuous inspections

What you should do?	Before every operation	With every change
Check all cables and plugs for damages In case of damage: ⚠ WARNING! Danger of electric shock and fire through short-circuit. The device should be repaired by an electrician immediately	X	

What you should do?	Before every operation	With every change
Check, if the lamp is screwed in firmly In case of damage: ⚠ WARNING! Danger of electric shock and fire through short-circuit. The device should be repaired by an electrician immediately		X

10.2 Cleaning

⚠ WARNING

Danger of cutting and splitting through breaking or bursting lamp

Don't let the lamps fall down.

Don't touch the lamp with bare hands. Just touch the lamp at the plastic socket or wear clean cotton gloves or use a clean cloth.

⚠ WARNING

Danger of electric shock

- **The contact with moisture or water should be avoided.**
- **Unplug the power cord before cleaning the device.**

ADVICE: Only use the following specified cleaning supplies.

Daylight 150 Basic	Cleaning
Housing	Use a microfiber cloth to remove light and stubborn dirt
Lamp	Wipe off with dust brush or dry, soft cloth <i>ADVICE: Don't clean the lamps with water. Even small residues on the lamps could lead to bursting</i>

10.3 Change lamp

⚠ WARNING

Please just use lamps, which are conform with the required specifications.

See *Technical Specifications*.

1. Screw lamp in and out.
See *Screw lamp in and out*.

11. Accessories and options

You can extensive accessories for your device in our webshop.

12. Spare parts

Part of the device	Item number
Lamp (walimex Spiral Daylight Lamp 85 W)	16314

13. Disposal and environment protection

Your device should be disposed free of charge at the local disposal points.

14. Technical specifications

Device	
Power supply	AC 220 - 230 V / 50 Hz
Weight	approx. 1 kg
Vertical pivoting radius	180 °
Dimensions incl. standard reflector (HxWxD)	approx. 37 cm x 37 cm x 28 cm

Accessories

Lamp, Standard Reflector, Instruction
Manual

Lamp

Spiral Daylight
(energy-saving lamp), which
comply to EN 60357 Page
3155

1 x 85 W

Colour temperature

5400 K

Socket

E27

Permitted operation
temperature

-10 °C to + 40 °C

Storage conditions

Dry and dust-free in carton at
-20 °C to +50 °C