

### HEDLER 4-Leaf Barndoor 360°

<7012>

is the most important accessory for HEDLER light units. Rotating through 360°, its butterfly type leaves - two larger, two smaller short ones - permit limiting the spread of the light beam on all sides at any optical angle. The larger pair of leaves provides clamps for filter gels.



### HEDLER MaxiSpot 65

<6065>

Usable up to 1250 W with Hedler light units this snoot is ideal for creating a perfect hair or kick light. Set from above and a bit from the back, a wonderful shiny hairlight with brilliance produces an eye-catcher and provides more depth to the photograph. Used for product shots, a powerful and impressive lighting to accent single areas can be created.



### HEDLER MaxiSpot 130

<6130>

Usable up to 2000 W with Hedler light units this snoot is perfect for background effect lighting. If you use Gobos - like foils with polygon-shaped holes or leaves - it's much more useful for every photographer. These Gobos create a subtle, always a bit different shadow projection and make each photograph unique.



### HEDLER MaxiNorm

<7015>

is the standard reflector for HEDLER light units; additionally it can be used as an umbrella reflector. It consists of 1.5 mm aluminum, features a medium fine reflecting surface for a highly even spread of the light intensity. An enforced front edge has been provided to serve as damage protection.



### HEDLER MaxiSun

<7016>

has been given a special shape and finely grained reflecting surface to provide a slight hot spot and a sun like light effect, if used in combination with HEDLER light units. If used with light units of the HEDLER D-range, it will serve as a standard reflector, providing a highly even spread of the light intensity. The reflector is made of 1.5 aluminum and features an enforced front edge for damage protection.



### HEDLER MaxiBrite

<7017>

combines a deep drawn shape with a highly brilliant reflecting surface to concentrate the light into a beam of high intensity and far reach. If desired, the diffusor <2128> may be used in lieu of the safety glass in order to soften the shadows. The reflector is made of 1.5 mm aluminum and features an enforced front edge for damage protection.



### HEDLER MaxiBeauty

<7018>

Usable up to 1000 W with continuous light and with all Hedler flash light units this reflector provides a very unique lighting characteristic: clear, brilliant yet flattering it accentuates textures. Colours appear vivid and saturated. Used for portrait work your model's eyes seem to be very bright and the hair has a wonderful shine. With white inner surface, protective rim and the typical central deflector.



### HEDLER MaxiBriteBeauty

<7117>

Excellent-fluently and clearly he helps to model ideally body forms. With strong shades, fluent crossing between light areas and shadow areas and its typical reflexion works out colours and textures as well as forms very well.

By his very clear, excellent light, the skin looks fine, the eyes receive brightness and the hair an active-strong shine in the light cone area.



### HEDLER MaxiBackground

<7019>

Usable up to 2000 W, this reflector is mainly used to generate gradients on backdrops (for producing colour gradients please refer to the optional coloured filter gels). Depending on the angle and distance between reflector and backdrop shape and intensity of the gradients can be adjusted. Obviously, the MaxiBackground is a very special reflector and suits mainly for effect lighting. With white inner surface.



Please, read the following information, technical description and safety instructions carefully before using your HEDLER reflector, barndoor and their accessories with your light unit.

## TECHNICAL DESCRIPTION

All HEDLER light units feature a built-in reflector, which surrounds the lamp socket and gives basic coherence to the light beam. To adjust the light to any given requirements, it is recommended to use HEDLER light units in combination with a 4-Leaf Barndoor or one of the interchangeable reflectors only.

## ACCESSORIES

We offer honeycombs and scrims for the reflectors MaxiSun, MaxiBrite, MaxiBriteBeauty and both of the spot reflectors. Find the right accessory for your reflectors on

[www.hedler.com](http://www.hedler.com)

## ATTACHING ACCESSORIES

On their front side, all HEDLER light units are equipped with a QuickFit connection or it can be retrofitted easily. For the HEDLER C- light units is the Speedring with QuickFitAdaptor available. For the early HEDLER H-light units you need the Quickfit retrofit kit. Please contact us if your HEDLER light unit is not equipped with the Quickfit connection and you are insecure which adaptor is the right one.

0049(0)6482-918100  
[info@hedler.com](mailto:info@hedler.com)

All HEDLER reflectors has to be attached in the following way: place the rim of the ring into the guide grooves of the upper studs, the round opening over the cone-shaped stud and push the lower part of the rim against the light unit's front plate until the rim securely snaps into the QuickFit cone-shaped stud's guide groove. Please, after attaching check it's correct position: manually rotating the reflector must be possible without any unwanted lift off from the light unit's front plate.

To attach a reflector with bayonet ring place the rim of the ring into the guide grooves of the upper studs, the round opening over the cone-shaped stud and lock by a turn to the left.

## NECESSARY PRECAUTIONS

While working with HEDLER light units, please, make sure that the forced air cooling is not obstructed in any way. Always use the light unit in combination with a light stand and keep a minimum distance of 80 cm between the accessory in front of the burning lamp(s) and any combustible solids. Do not use the light unit near readily inflammable liquids, gases, solids or explosives that may be set off by heat or spark. HEDLER reflectors, barndoors and the optional available honeycombs are made of metal. They warm themselves up in relation to the operating temperature of the used light unit. Don't touch them while using because it could cause burning.

Please be sure to observe the wattage of your luminaire (you find it above), with which Hedler accessories may be used.

All HEDLER softscrims may be used with max. 300 Watts. HEDLER Honeycombs with diameter of 65 mm may be used with max. 1250 Watts. HEDLER Honeycombs with diameter 130 mm, 240 mm and 360 mm may be used with max. 2000 Watts.

HEDLER light units together with their accessories have been designed for professional use and should be used with professional care. The manufacturer will not assume responsibility for damage caused by unprofessional or otherwise careless use of this equipment and/or it's accessories.

## HEDLER WARRANTY

All HEDLER equipment is fully guaranteed against any material or manufacturing defects for three years after date of purchase. Parts made out of glass, fuses, Pyrex® coverings, LED modules, Tungsten halogen lamps and flash bulbs are not covered by this warranty.

## MAINTENANCE and REPAIR

Used under normal professional conditions, original HEDLER products require no maintenance. If repair is required, please, contact your dealer, the authorized distributor in your country or the HEDLER factory directly. Please note, that a pre-dismantled light unit could cause increased repair costs.

## Safety instructions for HEDLER light units and accessories

The following safety instructions are valid for HEDLER light units and their accessory. Please, read these safety instructions completely before putting HEDLER light units into operation. Please contact HEDLER Systemlicht GmbH, 65594 Runkel directly, if you do have a technical question concerning HEDLER light units and/or HEDLER accessories. Please keep these safety instructions close in reach, if necessary you can download them from our website [www.hedler.com](http://www.hedler.com) as a PDF.

HEDLER light units, HEDLER reflectors, softboxes, reflex umbrellas and HEDLER accessories are designed for professional studio or indoor use only. Never use HEDLER light units, HEDLER reflectors, softboxes, reflex umbrellas and HEDLER accessories outdoors.

## Setting up and putting into operation HEDLER light units and accessories

To put HEDLER light units into operation they have to be set up, mounted, placed, secured and monitored appropriately.

- Always use a HEDLER light unit in combination with a steady and secure standing light stand which has a loading capacity that is adequate for the weight of the light unit plus cable plus accessories. Always work within the light stand's loading capacity, especially if you are using large and/or heavy folding reflectors.
- Appropriate actions to secure light stands are for example:
  - - mounting the light stand legs to the stage or studio floor,
  - - weight down the light stand legs with appropriate filled sand bags for example,
  - - blockade the light stands area.
- Please note the permitted tilting of the HEDLER light units of max. 45° upwards and max. 45° downwards.
- Set up a HEDLER light unit - light stand combination on leveled floor only. Please make sure for tilt resistance while setting up / taking down and while in operation. Please ensure an antislip stand while setting up / taking down and while in operation.
- For light units in operation the ambient temperature should not underrun -15°C (5°F) or exceed +35°C (95°F).
- Acclimatisation: Avoid condensation problems because of high variations of temperature. If there are high variations of temperature do not use the HEDLER light units.
- Use HEDLER light units in hospitals, museums, factories asf. with permission of the appropriate / responsible public authority, administration, company management or business management only.
- If not taking care of this safety instructions there is in particular a serious risk of squeezing, cutting and/or burning caused by overthrowing, slipping or other reasons because of uncontrolled/unwanted movements of light units while setting up / taking down and/or while in operation.
- Always use a double securing like a safety wire, if you mount a HEDLER light unit overhead, which has a loading capacity that it could be loaded with the weight of the mounted light unit incl. accessory multiplied by five (for example: (light unit 4.5 kg + reflector 1.2 kg) \* 5 = 28.5 kg - for this case the safety wire to use must have a loading capacity of minimum 28.5 kg).
- Before putting the HEDLER light units into operation, check all safety, position and light stand screws for a tight fit and tighten them securely if necessary.
- Always keep a minimum distance of 100 cm between the safety glass or accessories and any combustible materials and any inflammable liquids, gases or explosives when HEDLER light units are in use.
- Never use a HEDLER light unit near any inflammable liquids, gases, materials or explosives that may be ignited by heat or spark.
- If you light through glass surfaces, windows and decoration surfaces keep appropriate distances between the light units and these materials, because these materials can burst if overheated and shatter could be a risk of injuries.
- Never store any combustible materials and/or any inflammable liquids, gases or explosives near any HEDLER light unit.
- Never touch a HEDLER light unit with wet hand and/or feet.
- Never use a HEDLER light unit in extremely dusty or in exceptionally humid or wet conditions.
- Never obstruct the forced air cooling (intakes or exhausts) in any way when the HEDLER light unit is in use.
- Never obstruct the cooling intakes or exhausts in any way when the HEDLER light unit is in use.
- Under no circumstances - do not block the cooling fan of a HEDLER light unit.
- Never obstruct any opening of the housing of a HEDLER light unit. Never stick any items into any opening

of the housing of a HEDLER light unit. Otherwise there is the serious risk of an electrical shock, of a failure malfunction of the HEDLER light unit, a short-circuit and/or a fire.

- Never carry a HEDLER light unit by it's power cord and/or it's accessories.
- Always avoid the risk of a trip hazard caused by the power cords. If power cords have to be layed down to the floor to connect the light units to the power supply: if possible do not so without appropriate marking or covering of the power cords.
- Always take care not to squeeze, to overrun, to stretch and/or to buckle the power cord of the HEDLER light unit.
- Always take care that the power cord of a HEDLER light unit is not worn out and/or is damaged in any way.
- Always take care not to cause a damage of the power cord of a HEDLER light unit because of thermic, mechanical and/or chemical reasons. Avoid such a risk under any circumstances.
- Never use a HEDLER light unit with a defective power cord and/or plug. Replacement of a defective power cord has to be done by HEDLER Systemlicht GmbH only. Never use a HEDLER light unit with a „repaired“ power cord. A defective power cord must be replaced.
- Some of the HEDLER continuous light units do have a high power consumption. Always take care, that the power supply is designed for such a high power consumption.
- Before use check your HEDLER product for possible damages:

| Component:                  | possible damage(s):   |
|-----------------------------|---|
| housing, lens, safety glass | crack, split, deformation   |
| power cord                  | deformation, isolation damage, charred                                  |
| power plug, mains plug      | deformation, broken, charred  |
| bracket and handle          | not tightend, sliding block broken, brake disc doesn't work (correctly) |

## Operation

- Never put a HEDLER light unit into operation with a defective safety glass, a defective Pyrex® cover, a defective flash bulb, defective bulb(s) and/or defective fuse(s).
- Under any circumstances keep the minimum safety distances given on the identification plate and the safety label to avoid damages caused by light beams and / or thermal radiation and / or heat radiation to persons, animals and / or items and / or objects.
- In the case of a defect or damage of the safety glass, the Pyrex® cover, the bulb(s), the flash bulb and/or the fuse(s) of a HEDLER light unit (particularly while it is in operation): switch off the light unit immediately, disconnect it from the power supply, let it cool down completely and replace the defective safety glass, Pyrex® cover, the bulb(s) and/or fuse(s) with the intended original HEDLER spare part. Changing/replacing a flash bulb of a HEDLER light unit is not allowed to be done by a customer. Changing/replacing of a flash bulb has to be done by HEDLER Systemlicht GmbH only.
- Never use a HEDLER light unit unattended.
- Always disconnect HEDLER light units from the power supply if they are not in operation.
- HEDLER light units are not designed and they are not suitable for the use as a room lighting.
- Never use a HEDLER light unit for any other reason than photographic or videographic lighting.
- While in operation avoid to jar heavily, moving jerkily and/or overthrowing HEDLER light units - this could cause breaking, fragmenting into parts and/or bursting of the bulb(s) and/or flash bulb and/or parts made out of glass; because of this there is a serious risk of cutting and/or burning in particular and the risk of damage to property like combustion, discoloring/staining, sparking, and so on.
- In the case of overthrowing, falling down and/or jaring heavily a HEDLER light unit it has to be checked by HEDLER Systemlicht GmbH or a specialist shop authorized by HEDLER Systemlicht GmbH for damages.

## Safety glass, Pyrex® cover and flash bulbs, bulbs and fuses

- Before performing any kind of maintenance work on the light unit - always disconnect the HEDLER light unit from the power supply and let cool down the light unit completely.
- Before changing a safety glass or a Pyrex® cover - always disconnect the HEDLER light unit from the power supply and let cool down the light unit completely.
- Before changing a bulb and/or fuse - always disconnect the HEDLER light unit from the power supply and let

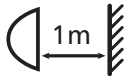




cool down the light unit completely.

- For replacing a safety glass or Pyrex® cover - use the intended original HEDLER spare parts only.
- For replacing a bulb and/or fuse(s) - use the intended original HEDLER spare parts only.
- Never use a „repaired“ fuse. A defective fuse has always to be replaced.
- Changing/replacing a flash bulb of a HEDLER light unit is not allowed to be done by a customer. Changing/ replacing of a flash bulb has to be done by HEDLER Systemlicht GmbH only.

## Additional safety instructions and explanation for symbols

- HEDLER light units produce a very intensive and bright beam of light: never look directly into the bulb and/or flash bulb. while it is in operation. Never light or flash directly into the eyes of a human or an animal, this can cause permanent damage to the eyes or health threat like sunburn.
- Please note, dazzle / glare caused by continuous light unit or flash light unit can cause an immediate (partly and/or temporarily) loss of vision - this can lead to accidents ( for example in traffic or while taking stairs).
- Before changing accessories, light modifiers or bulbs - switch off the light units and let it cool down completely.
- Some HEDLER light units and Hedler reflectors, parts of softboxes and reflex umbrellas and some accessories can heat up extremely while in operation: there is a serious risk of burning. Never touch these parts while they are in operation. (Please, use heatresistant and heatprotecting gloves to avoid burning!).
- Please let cool down HEDLER light units and Hedler reflectors, parts of softboxes and reflex umbrellas and some accessories completely after using them and before packing them away: not doing so can cause serious burnig and the risk of sparking.
- Not used as intended and/or in the case of inappropriate use of HEDLER light units and Hedler reflectors, parts of softboxes and reflex umbrellas and accessories there is the serious risk of a deadly electrical shock.
- HEDLER light units, HEDLER reflectors, softboxes, reflex umbrellas and HEDLER accessories are no toys, they are unsuitable for use by children. Always keep HEDLER light units, HEDLER reflectors, softboxes, reflex umbrellas and HEDLER accessories out of the reach of children.

## Explanation for symbols:

| Minimum distance  | Heat °C / °F  | Volt / Voltage | Watt / Demand | Min. load capacity  | Warning Voltage  | CE        | Bin WEEE  |
|---|---|----------------|---------------|---|--|-----------|---|
|  |  | <b>V</b>       | <b>W</b>      |  |  | <b>CE</b> |  |

## Maintenance

For a secure operation of light units they have to be maintained. Therefore: before using light units they have to be checked visually and an electrical safety check has to be done every twelve month. The results of this check have to be documented and archived.

## Liability limitation

For all injuries and/or damages to people and/or objects, which are caused by using HEDLER products in a way that they are not intended for the user is liable - not the manufacturer.

If you do have a question to set up and/or to operate with HEDLER light units, Hedler reflectors, softboxes, reflex umbrellas and/or HEDLER accessories, please ask HEDLER Systemlicht GmbH directly