

LITE SCOUT® HBW/M
User Instructions



LITE SCOUT[®] HBW/M

User Instructions

Dear Customer!

Thank you for choosing a LiteScout-System in High Bright White/Magnetic (HBW/M). We are sure that you will be very satisfied with your purchase. This product was developed to meet various special needs in general and for purposes of early support and assistance of visually impaired and multiply disabled persons in particular. It is a high-quality product from Germany that combines new materials in an innovative way.

These instructions will help you learn how to use your new LiteScout-Pro HBW/M and LiteScout-Basic HBW/M. The models differ only in the layout of the light surface and the outer dimensions.

**Please read the safety instructions before using
your new LiteScout HBW/M for the first time!**

1. What's Included

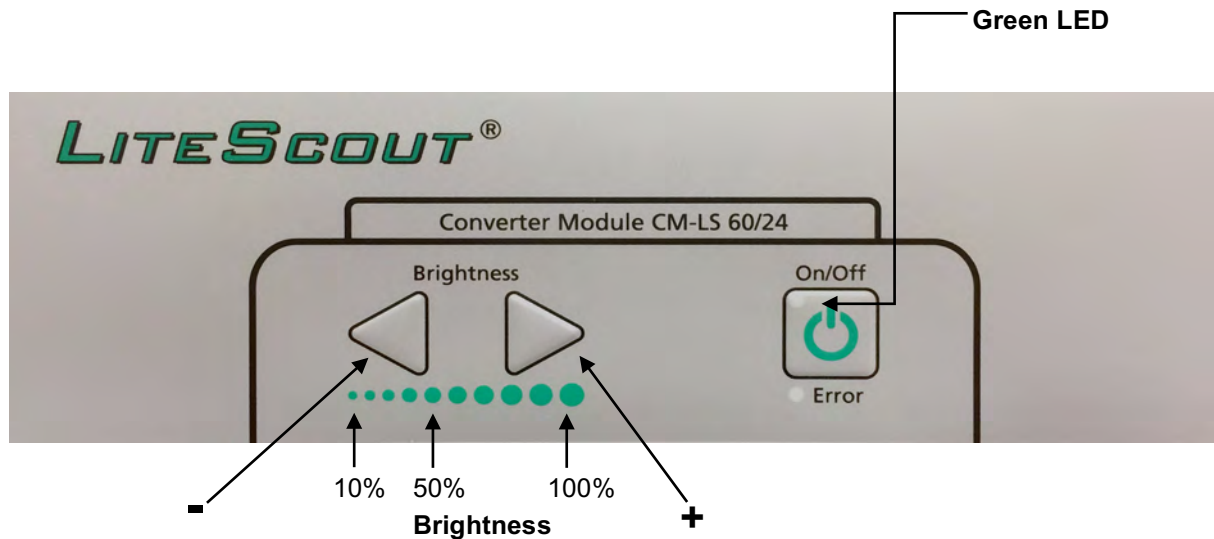
- LiteScout-Pro HBW/M or LiteScout-Basic HBW/M
- Transportation bag for LiteScout-Pro or LiteScout-Basic
- Reduction of screen window (LiteScout-Pro)
- Power supply Converter Module CM-LS 60/24
- Plastic cleaner
- 2 Anti-slip mats
- 5 Write-on / drawing films (OHP transparency)
- 2 Black markers (permanent & non-permanent)
- 3 plastic tokens (material samples)
- Warranty registration card
- LiteScout user instructions

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2. Initial Operation of the LiteScout HBW/M

Take the cord extending from the LiteScout and plug the grey-blue connector into the connector socket on the converter module. To lock the connector into the socket, turn the connector clockwise, and the connector will tighten. This makes it impossible to pull the cable out of the converter module. Insert the power plug into the mains socket. The green LED in the On/Off button of the converter module will start to flash, indicating that the LiteScout system is ready for use (standby mode).



3. LiteScout Controls

Press the right triangular button in the "Brightness" control panel to illuminate the LiteScout at the lowest brightness level (approx. 10% brightness). You can adjust the brightness of the LiteScout incrementally by pressing the button again. Press the left triangular button to reduce the brightness incrementally. The LiteScout has 10 brightness levels (10 - 100%), which are indicated by the green illuminated LEDs in the status display below the buttons.

To stop using the LiteScout, press the On/Off button and pull the power plug of the converter module out of the mains socket. Now remove the grey-blue LiteScout connector from the converter module by pulling the grey ring on the connector and turning the plug in an anti-clockwise direction.

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4. Safety Information and Warnings

- The converter module use high voltage!
- Only PLASTOLIGHT[®] is authorized to make repairs. Attempted repair by any other party will immediately void the warranty.
- Only a qualified technician may perform repairs. The system must always be unplugged before repair work begins.
- The LiteScout and the converter module are for indoor use only. Do not use them outdoors!
- Keep the LiteScout and the converter module away from moisture or moistness.
- Protect the LiteScout and the converter module from extreme heat.
- Do not use pointed or sharp objects on the light surface. They may damage the light surface and destroy the LiteScout.
- Damaging the light surface may result in personal injury.
- Always make sure that the converter module is in an easy-to-access location that receives sufficient ventilation. This will prevent the converter module from overheating.
- Never allow children to work with the LiteScout without adult supervision.
- The LiteScout system should not be stored at temperatures of 0°C and below (e.g. in a vehicle). If the device has been exposed to these temperatures, it should not be switched on immediately after a quick temperature change (e.g. to room temperature). This is because condensate could form, which could have a negative effect on the LiteScout. In cases such as these, we recommend that you only switch on the LiteScout after 30 - 60 minutes to allow it to acclimatise.

5. Cleaning and Care Instructions

- Clean the frame and light surface of the LiteScout, and all other plastic parts using a soft, lint-free cloth and the plastic cleaning fluid shipped with your system. You can also use household glass cleaner or rubbing alcohol on particularly difficult stains. Just spritz a small amount onto the cloth and rub the stain gently.
- Avoid any pooling of water on the LiteScout. However, a small amount of moisture or isolated droplets that may form on the light surface while you are cleaning or otherwise using the light surface (e.g., a bit of saliva from the children using the unit) will not harm the unit.
- The LiteScout is a robust product that can withstand damage when used according to purpose. However, you should avoid rough treatment of the light surface or the use of pointed or sharp objects on this surface.
- Avoid drawing directly on the light surface (use the OHP transparency).
- Always disconnect the LiteScout from the converter module before transporting it.
- We recommend that you store the converter module in the bag provided for this purpose.
- We recommend that you use the robust carrying case to transport your LiteScout.

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6. Note: Rubber feet on the LiteScout system

The black natural rubber feet which can be found, for example, on the underside of LiteScout HBW/M, power supply (Converter Module) and pegboards of various learning games may rub off onto surfaces (e.g. work table, light area).

Also, if the black rubber feet are in contact with surfaces for longer periods, this may result in discoloration of some surfaces (contact discoloration).

Rubber residues and discolorations are potentially very difficult to remove from surfaces!

We therefore recommend that components with black rubber feet should not be left standing on surfaces for more than a day, and that the LiteScout system should generally be stored back in the designated bags after use.

7. Malfunctions

The LiteScout is a robust device that meets the legally prescribed safety standards. The power supply (Converter Module) contains a number of safety-related features, such as protection against short circuiting, overload, idle state and overtemperature.

Red Warning Light (Error)

If the red light comes on, it indicates a problem with the unit:

- a) Continuous light:
Short circuit/overload as a result of a fault in the connected LiteScout, for example.
- b) Fast blinking light:
Idle state – no LiteScout is connected or that the cable is faulty.
- c) Slow blinking light:
Overtemperature – this may result from insufficient ventilation.

In case of a malfunction switch off the converter module using the On/Off button and disconnect the power plug from the socket. Check whether a cable connection between the converter module and the light panel exists and is free of damage. In the event of obvious damage, do not continue to use the device. Please contact us in this case. This also applies where damage to the plastic frame, the light surface or the cable has occurred, for example.



If there is no sign of damage, the converter module can be restarted: Insert the power plug and then proceed as described in points 2 and 3.


If the LiteScout still does not power up, please contact us and arrange to return the device to PLASTOLIGHT[®].

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8. Technical Data

LiteScout HBW/M:	Pro	Basic
Material:	Plastic (acrylic glass)	Plastic (acrylic glass)
Color:	Black, matte finish	Black, matte finish
Format:	638x405 mm	380x295 mm
Thickness:	10 mm	10 mm
Light Area:	538x305 mm	297x210 mm (Din A4)
Light Color:	Neutral white (approx. 5,000°K)	Neutral white (approx. 5,000°K)
Brightness max.:	Approx. 10,000 Lux	Approx. 10,000 Lux
Lifetime (Lamps):	Approx. 50,000 h	Approx. 50,000 h
Weight:	3 kg	1.5 kg
Input:	Converter Module CM-LS 60/24	Converter Module CM-LS 60/24
	0-23 VDC, 42 W	0-23 VDC, 18 W
		

Converter Module:	CM-LS 60/24
Input:	100-240 VAC; 50/60 Hz
	0.64 A/115 VAC, 0.32 A/230 VAC
Power Factor:	PF>0.98/115 VAC, PF>0.95/230 VAC
Output:	LiteScout HBW/M
	0-27 VDC max.
	60 W max.
Output Current:	Electronically limited
Protected against:	Short circuit, overload, idle state, overtemperature
Housing:	Aluminium, plastic side covers
Dimensions (LxWxH):	218x80x40 mm
Weight:	700 g
 IP 20	

Contact information (manufacturer & sales):

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