

Quick start guide

This quick start guide contains important information on the safe operation of the product. Read and follow the safety advice and instructions given. Retain the quick start guide for future reference. If you pass the product on to others please include this quick start guide.

Safety instructions

Intended use

This device is intended for projection of exchangeable gobos. The device is designed for professional use and is not suitable for use in households. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

Danger for children



Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts from the product. They could swallow the pieces and choke!

Magnetic fields



In the mounting bracket of the device, a strong magnet is installed, which can affect the operation of electromagnetically influenceable objects or devices. Do not use the gobo projector in electromagnetic sensitive environments (pacemakers, credit cards, etc.).

Risk of injury caused by falling objects



Make sure that the installation complies with the standards and rules that apply in your country. Always secure the device with a secondary safety attachment, such as a safety cable or a safety chain.

Eye damage caused by high light intensity



Never look directly into the light source.

External power supply

The device is powered by an external power supply. Before connecting the external power supply, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly the user. Unplug the external power supply before electrical storms occur and when the device is unused for long periods of time to reduce the risk of electric shock or fire.

Operating life of the LEDs

Extend the operating life of the device by regular breaks and by avoiding frequent switching on and off. The device is not suitable for continuous operation. For technological reasons, the light output of LEDs decreases over their lifetime. This effect increases with higher operating temperature. You can extend the service life of the illuminants by providing adequate ventilation and operating the LEDs with the lowest possible brightness.

Possible damage to lithium-ion batteries through incorrect storage

By deep discharge, lithium-ion batteries can be permanently damaged or lose some of their capacity. Before long breaks, charge the batteries to around 50 % of their capacity and then switch off the device. Store the device at room temperature or cooler in an environment as dry as possible. If the batteries are stored for a longer period, recharge them to 50 % every three months. Fully charge the batteries only shortly before use at room temperature.

Incorrect handling of lithium batteries can result in injury

- In the event of a short circuit, overheating or mechanical damage, lithium batteries can cause severe injuries.
- When handled correctly and appropriately lithium batteries pose no risk.
- Store lithium batteries in a cool, dry place, ideally in the original packaging.
- Store lithium batteries away from heat sources (e.g. radiators or sunlight). Lithium batteries are hermetically sealed. Never attempt to open a lithium battery.
- If the battery housing is damaged small amounts of the electrolyte may leak out. If this should happen, seal the lithium battery in airtight packaging and wipe up the traces of electrolyte using absorbent paper towels. You must wear protective rubber gloves when doing so. Clean your hands and the affected surface thoroughly with cold water.
- Never attempt to recharge non-rechargeable lithium batteries. When charging lithium batteries you must use a suitable charging device intended for the purpose.
- Before disposing of the device remove the lithium batteries. Protect used lithium batteries against potential short circuits, e.g. by covering the poles with adhesive tape.
- Only use powder extinguishers or other suitable extinguishing agents to extinguish a burning lithium battery.

Where to use the product

Never use the product

- outdoors
- in direct sunlight
- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet

General handling

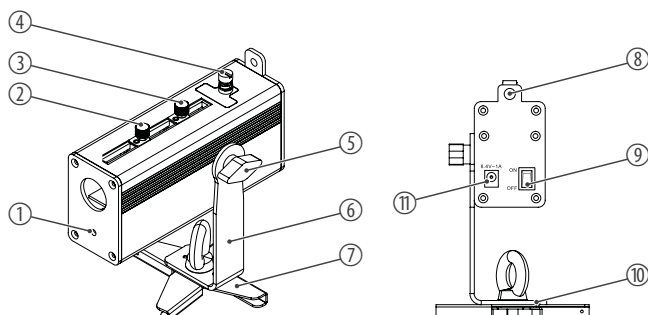
- To prevent damage, never use force when handling the product.
- Never immerse the product in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

Features

- Powerful projector for logos and pictures
- 10-W LED in cold white
- Universally applicable thanks to the integrated battery and the multifunctional bracket
- Battery life with full power: 6 hours

- Multifunctional holder: strong magnetic base, floor stand and M10 mount
- Easy regulation of brightness using the supplied infrared remote control
- Adjusting size and sharpness of the projection directly on the device
- 10 gobos included in the scope of delivery

Connections and operating elements



- ① Infrared sensor for the signals from the supplied remote control
- ② Rotary control for adjusting the sharpness of the projection (focus)
- ③ Rotary control for adjusting the size of the projection (zoom)
- ④ Gobo holder
- ⑤ Locking screws for the mounting bracket
- ⑥ Mounting bracket
- ⑦ Mounting clip, detachable
- ⑧ Safety cable eyelet
- ⑨ Main switch. Turns the device on and off.
- ⑩ Magnetic base
- ⑪ Socket for connecting the supplied power adapter

Charging the battery

The device can be operated wirelessly with the integrated lithium-ion battery.

1. Turn the device off with the main switch.
2. Connect the external power adapter to the socket on the rear side.
The indicator light of the power adapter lights up **red** during the charging process. When charging is complete, the indicator light of the power adapter lights up **green**.

The integrated lithium-ion battery can also be charged during operation.

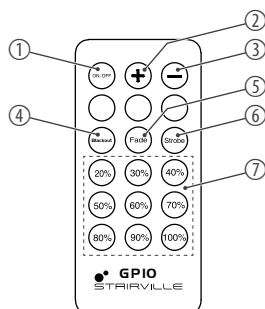
Battery life

Max. operating time		Charging time
100 % power	Up to 6 hours	4 hours
75 % power	Up to 8 hours	
50 % power	Up to 13 hours	
25 % power	Up to 16 hours	

STARVILLE

GP-10 BAT Bk / GP-10 BAT Wh

Infrared remote control



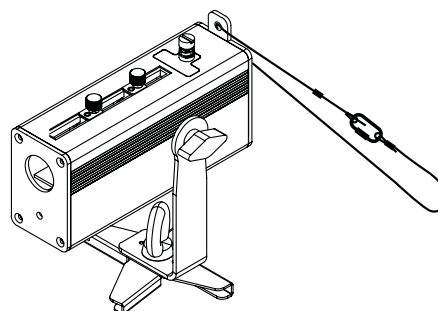
- | | |
|-------------------|---|
| ① [ON/OFF] | Turns the device on or off |
| ② [+] | Increases the brightness of the LEDs in 5 steps |
| ③ [-] | Decreases the brightness of the LEDs in 5 steps |
| ④ [Blackout] | Switches the LEDs on or off |
| ⑤ [Fade] | Enables or disables the fade effect |
| ⑥ [Strobe] | Enables or disables the strobe effect |
| ⑦ [20%]... [100%] | Buttons for directly selecting the brightness of the LEDs |

Mounting

When in use, the device must always be attached to a solid surface or an approved truss. Always work from a stable platform whenever installing, moving or servicing the device. In doing so, the area underneath the unit must be cordoned off.

1. You can attach the device to metal surfaces with the magnetic base. To do this, remove the mounting clip.
2. Alternatively, attach the M10 mount of the mounting clip to a stand or a suitable truss.

Always use a safety cable for mounting the device over your head!



Exchanging the gobos

10 gobos are included in the scope of delivery.

1. Turn the device off with the main switch and wait until it has cooled down completely.
2. Unscrew the knob of the gobo holder and pull out the gobo holder.
3. Remove the lock ring from the gobo holder. Now you can remove the gobo and replace it with another. Place the gobo so that the subject appears mirror-inverted, when you look at the optics from the front.
4. Put the lock ring back on the gobo holder.
5. Replace the gobo holder and screw the knob of the gobo holder firmly.



Technical specifications

■ Light source	10-W LED in cold white	■ Battery	Battery type	Lithium-ion
■ Light source properties	Colour temperature 10 000 K		Voltage	8.4 V
	Colour rendering index CRI 70		Capacity	5000 mAh
■ Optical properties	Beam angle 16°...31°		Charging time in the device	4 h
■ Gobo	Diameter 25.8 mm	■ Battery remote control	Lithium-ion button cell CR2025	
■ Control	Infrared remote control	■ Degree of protection	IP20	
■ Input connections	Socket for connecting the supplied power adapter	■ Mounting options	Hanging, standing	
■ Power consumption	10 W	■ Colour	Black (item no. 525570), white (item no. 525571)	
■ Power supply	External power adapter, 100 - 240 V ~ 50/60 Hz	■ Dimensions (W × H × D)	110 mm × 170 mm × 167 mm	
■ Operating voltage	8.4 V = 1 A	■ Weight	1 kg	
		■ Ambient conditions	Temperature range	0 °C...40 °C
			Relative humidity	20 %...80% (non-condensing)



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



Batteries must not be disposed of as domestic waste or thrown into fire. Dispose of batteries according to national or local regulations regarding hazardous waste. Dispose of empty batteries at appropriate collection sites. Dispose lithium batteries only in discharged condition. Remove replaceable lithium batteries from the device before disposal. Protect used lithium batteries from short circuits, for example by covering the poles with adhesive tape. Permanently installed lithium batteries must be disposed of together with the device. Please inquire about a suitable acceptance point.



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.