



CARPETLIGHT®

INSTRUCTION MANUAL

CARPETINO

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SUMMARY

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GENERAL INSTRUCTIONS

The **CARPETLIGHT** CL Series product line is produced specifically for the use in professional studio and outdoor location shooting, and should only be operated by qualified personnel.

Read this Instruction Manual thoroughly before first use. The following text includes important information for the operation of the **CARPETLIGHT** lamps.

- Please observe the safety instructions for your own protection.
- Keep this manual in a safe place and pass on to any future user.
- Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.
- Damaged lamps and ancillary equipment should be disposed of in a responsible and environmentally friendly way according to the laws and regulations that apply in the country of use.
- Use only original **CARPETLIGHT** ancillary equipment and spare parts.

PRODUCT SPECIFICATIONS

The lamp body is made from textile compounds. This allows for hanging, rolling and bending into any conceivable form.

The lamp body, without ancillary equipment, weighs about 200g and using small technical aids it can be attached almost anywhere.

CARE INSTRUCTIONS

Small stains on the lighting side of the lamp body can be removed using a damp cloth. For the black reverse side you can use a soft fabric detergent.

The textile equipment, i.e. soft box and skirt, can be hand washed at 86°F (30°C).

Keep the electrical contacts and plug-in connectors clean.

We recommend regular visual inspections.

IMPORTANT SAFETY INSTRUCTIONS

**Beware: Mains Voltage!
Acute danger to life!**

Beware: Hot Lamp!

- Attention: the lamp body can reach high temperatures!
- When in use the lamp body should neither be rolled up or covered nor being pressed or tied down to any surface, as the heat generated during operation needs to dissipate from the whole surface of both rear and frontside.
- We generally recommend the use of the supplied frame
- The lamp has NO operating temperature control monitoring /safety shutdown function. Operating the lamp at temperatures exceeding 80°C (176°F) will damage the unit. Avoid the operating scenarios mentioned above as well as operating at high ambient temperatures
- Don't stick any nails, pins, staples or similar objects into the lamp body, please use the existing eyelets.
- Do not operate the lamp upon seeing any visual damage.
- If any damage is identifiable the relevant parts must be replaced, alternatively, please contact **CARPETLIGHT** GmbH or one of our distributors/sales partners.
- Please ensure, when hanging this product, that the lamp body and ancillary equipment is properly secured using a safety cable.
- Due to the lamp body being one of the lightest of its kind, it allows for installation in ways not possible before. But please make sure of the stability and reliability of the attachment.
- Stands must be set up correctly and it is to be ensured that they are designed to carry the designated load.
- It is advisable to wear suitable protective clothing when working with lamps to prevent injuries and burns.
- Please observe the weight of lamp bodies and ancillary equipment when carrying or lifting, and take into consideration preventive measures recommended by local trade associations according to occupational safety law.
- When laying out the connecting cables please avoid tripping dangers for personnel or damages that can occur from vehicles by using suitable warning signs and/or coverings.
- The lamp body and its electrical safety system are to be inspected prior to any operation.
- The faultlessness of the power supply and the safety device connection to the lamp body is to be checked before every operation.
- Please ensure that the correct safety distance to sensitive and flammable objects is observed, the maximum heat is generated at the backside of the lamp!

- Note: the glare and flashes emitted from a lamp can impair vision, and can lead to accidents (e.g. on steps or in traffic etc).
- Keep the lamp at a safe distance when lighting through objects like glass, windows and set features, because these objects can burst from overheating and the splinters could cause injury.
- Note the degree of protection (IP) of the lamp system relating to environmental influences such as dust, dampness and rain.
- It may be contingent to use an extra protection e.g. weather protected placement, protective cover or shelter, and please make sure that enough heat can escape from the heat generating lamp.
- The usage in corrosive environments e.g. salt water requires possible extra protective measures.

EXCLUSION OF WARRANTY

Every usage outside of the recommended applications, in particular in high humidity, dangerously volatile environments or heightened G forces will lead to forfeiture of the warranty.

The company **CARPETLIGHT** GmbH is not liable for any damages due to improper usage of our products.

LAMP OPERATION

Lamp Operation

The assembly and changing of the ancillary equipment is to be carried out from a stable position.

Erecting the Frame

The four arms of the frame are affixed to the centre cross.

The frame magnets are used for attaching the lamp to the frame; they should be turned so they are in an opposite position to the bayonet mount.

Assembly of the Lamp

Assemble the lamp using the erected frame and its magnets.

Mounting the Spigot

The 16mm spigot is attached to the centre of the frame using a bayonet mount. The spigot is placed within the fastener, turned slightly then tightened using the union nut.

Assembly of the SnapGrid

The original **CARPETLIGHT** SnapGrid has been especially developed for the respective lamp sizes.

It can be attached using the velcro fasteners which surrounds the lamp body, or alternately to the softbox.

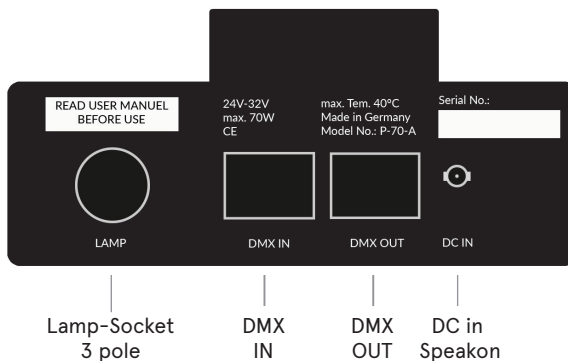
Additional rubber straps can be tightened over the four corners using the threaded pins. The velcro fasteners provide enough support to use the lamp as a top light.

Use the protruding textile hem corner extensions on the SnapGrid to minimize any unwanted light emissions from the corners of the lamp. Please check for possible fouling of the velcro fasteners to ensure a perfect bond.

Assembly of the Softboxes

The **CARPETLIGHT** softbox is attached to the **CARPETINO** using velcro fasteners.

OPERATION OF THE CONTROL UNIT



The control unit must be connected to the lamp body using the supplied 3 pole control cable. Do not twist or turn the connectors!
The plugs and sockets are push/pull types.

There are different types of power supply:

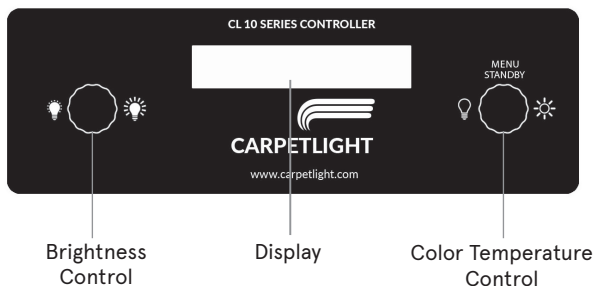
Mains Supply 90-240Volt

Connect the DC barrel connector of the power supply to the DC socket (DC IN) of the control unit. The DC barrel connector has a lockable slewing ring. Insert the connector into the socket on the control unit and twist slightly right or left.
To unplug, turn the connector to the left or right. And pull gently out.
The power supply adapter and the control unit can be assembled into a compact unit. Attach together by connecting the V-mount adapter to the power supply adapter on the control unit.

V-Mount Operation

The **CARPETINO** control unit can be run using V-mount batteries (minimal 9A discharge current). To do this there is a V-mount connector on every control unit.

SETTINGS FOR THE CONTROL UNIT



The use of these settings is for version 3.14 of the firmware.

*The settings could change in the future. If your firmware is a different version than 3.14, please contact **CARPETLIGHT GmbH**.*

Switching On/Off and Standby-Mode

Once the lamp is successfully connected to the control unit and that is connected to a functioning power supply, the lamp is ready for use.

Brightness and Color Temperature

For setting the brightness please use the brightness control knob and by turning this the desired dimming range can be read in the display.

For setting the color temperature please use the color temperature control knob.

The color temperature can be seen in the display and is measured in Kelvin (K), and can be controlled in 100 K increments.

Selection using the Menu Function/Standby-Mode

Pressing down briefly the stand-by button will put the lamp into Stand-By Mode and switch the lamp off. Pressing down on the button briefly again will turn the light back on to its exact previous setup before the lamp was put into standby-mode. By pressing down the color temperature control knob for 3 seconds you are now in the options menu. By pressing down the color temperature control knob for another 3 seconds you are then in the lamp operation mode.

Once in the options menu, using a short press of the color temperature control knob you can go through the menu functions. Use the brightness control knob to change menu functions and its corresponding value.

Menu Functions

1. Daylight Boost/ Fast 100 %

Daylight Boost:

- Hold down the color temperature control knob for 3 seconds (menu-mode).
- Rotate the color temperature control knob 1 click to the right to activate the "Daylight Boost".
- DLB will show up on the display.
- Turning any control knob will bring back the lamp operation mode.

Fast 100 %:

The lamp can, without using manual control, immediately be used at 100% brightness:

- Hold down the color temperature control knob for 3 seconds (menu-mode).
- Rotate the brightness control knob to the right for a 100% start.
- 100 will show up on the display.

The lamp will switch back automatically into the lamp operation mode.

2. DMX-Channel Selection

Setting the DMX-Channel Selection:

- Press the color temperature control knob for 3 seconds (menu-mode).
- Press the color temperature control knob briefly to go to the menu function "DMX".
- Use the brightness control knob to select the required start address (1-511).
- By pressing the brightness control knob again for 3 seconds you enter the wanted input and revert to the lamp operation mode.

3. DMX-Mode

Turning off the DMX-mode with connected DMX-cable:

The control unit will automatically turn to the (DMX-Mode: Normal) once a DMX-signal is received. By turning the DMX-mode to "OFF" you can carry out manual alterations to the DMX-operation.

- Press the color temperature control knob for 3 seconds (menu-mode).
- Press the color temperature control knob briefly to get to the menu function "DMX-Mode".
- Use the brightness control knob to choose the required input. DMX is on "Normal"- DMX is off "OFF".
- By pressing the color temperature control knob again for 3 seconds the input is selected and the lamp reverts to the lamp operation mode.
- Upon restarting the control unit will revert to the "ON" position, as long as a DMX-signal is present.

Please note, when in DMX "Stand Alone" use, or when the lamp is the last in the DMX chain, the use of a 120 Ω (Ohm) termination/load resistor could be necessary (Not included with the lamp).

4. Display Background Light

Display Brightness:

- Press the color temperature control knob for 3 seconds (menu-mode).
- Press the color temperature control knob briefly select the menu function "Background Light".

5. Selection of Lamp Head version

You can find the lamp version on the printed logo on the lamp heads rear side. Higher lamp versions have a larger color spectrum adjustability. The A series **CARPETINO** uses the previous binning (2800-5600 K) and the B series **CARPETINO** uses the actual binning (2800-6000 K).

Please manually adjust this in the menu.

- Press the color temperature control knob for 3 seconds (menu mode).
- Press the color temperature control knob briefly to select the menu function "Connected Lamp Series".
- Use the brightness control knob to choose the required lamp series from (A or B).
- By pressing the color temperature control knob again for 3 seconds the input is selected and the lamp reverts to the lamp operation mode.

The following Menu points are not adjustable:

Software version of the control unit.

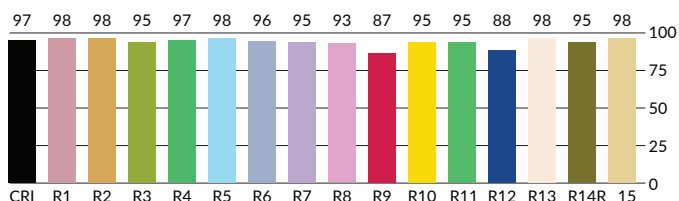
TECHNICAL SPECIFICATIONS

CARPETINO

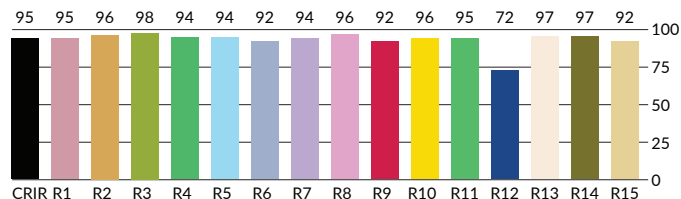
Color Temperature	2800–5600 (6000) K
Dimmer Control	flicker free, steplessly variable
DMX	2 channels (1. brightness, 2. color temperature)
Sizes	630 x230 mm, illumination area 560 x 170 mm
Weight	200 g
Power Output	50 W
Power Supply	V-mount (1pcs 14,8 Volt , 9 Amps minimum discharge current), mains adapter with 90–240 Volt
Luminous Flux	3400 lm
Photometric Data	1100 Lux/1m (3 Feet)
CRI	96
TLCI	96
Beam Angle	120°, with SnapGrid 40°

Cooling passive, noiseless

Color Quality at 2800 K



Color Quality at 6000 K

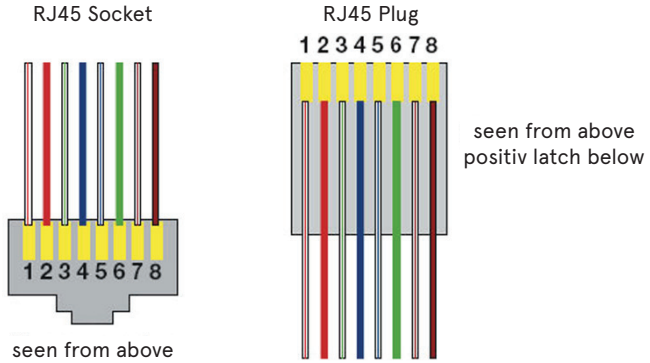


Made in Germany



WEEE-Registry Number
DE59055631

RJ45 DMXMAPPING/ASSIGNMENT



Assignment

- 2: Data -
- 1: Data +
- 7+8 GND (Ground)