

USER'S MANUAL
BEDIENUNGSANLEITUNG
MANUEL D'UTILISATION
MANUAL DE USUARIO
INSTRUKCJA OBSŁUGI
MANUALE D'USO

 **cameo**[®]



Q-SPOT 40i

COMPACT IP65 OUTDOOR SPOTLIGHT
WITH 40W RGBA LED IN BLACK/WHITE HOUSING
CLQS40iB / CLQS40iW

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YOU'VE MADE THE RIGHT CHOICE!

We have designed this product to operate reliably over many years. Please read this User's Manual carefully, so that you can begin making optimum use of your Cameo Light product quickly. Learn more about Cameo Light on our website WWW.CAMEOLIGHT.COM.

PREVENTIVE MEASURES

1. Please read these instructions carefully.
2. Keep all information and instructions in a safe place.
3. Follow the instructions.
4. Observe all safety warnings. Never remove safety warnings or other information from the equipment.
5. Use the equipment only in the intended manner and for the intended purpose.
6. Use only sufficiently stable and compatible stands and/or mounts (for fixed installations). Make certain that wall mounts are properly installed and secured. Make certain that the equipment is installed securely and cannot fall down.
7. During installation, observe the applicable safety regulations for your country.
8. Never install and operate the equipment near radiators, heat registers, ovens or other sources of heat. Make certain that the equipment is always installed so that it is cooled sufficiently and cannot overheat.
9. Never place sources of ignition, e.g., burning candles, on the equipment.
10. Ventilation slits must not be blocked.
11. This appliance is designed exclusively for indoor use, do not use this equipment in the immediate vicinity of water (does not apply to special outdoor equipment - in this case, observe the special instructions noted below). Do not expose this equipment to flammable materials, fluids or gases.
12. Make certain that dripping or splashed water cannot enter the equipment. Do not place containers filled with liquids, such as vases or drinking vessels, on the equipment.
13. Make certain that objects cannot fall into the device.
14. Use this equipment only with the accessories recommended and intended by the manufacturer.
15. Do not open or modify this equipment.
16. After connecting the equipment, check all cables in order to prevent damage or accidents, e.g., due to tripping hazards.
17. During transport, make certain that the equipment cannot fall down and possibly cause property damage and personal injuries.
18. If your equipment is no longer functioning properly, if fluids or objects have gotten inside the equipment or if it has been damaged in any other way, switch it off immediately and unplug it from the mains outlet (if it is a powered device). This equipment may only be repaired by authorized, qualified personnel.
19. Clean the equipment using a dry cloth.
20. Comply with all applicable disposal laws in your country. During disposal of packaging, please separate plastic and paper/cardboard.
21. Plastic bags must be kept out of reach of children.

FOR EQUIPMENT THAT CONNECTS TO THE POWER MAINS:

22. CAUTION: If the power cord of the device is equipped with an earthing contact, then it must be connected to an outlet with a protective ground. Never deactivate the protective ground of a power cord.
23. If the equipment has been exposed to strong fluctuations in temperature (for example, after transport), do not switch it on immediately. Moisture and condensation could damage the equipment. Do not switch on the equipment until it has reached room temperature.
24. Before connecting the equipment to the power outlet, first verify that the mains voltage and frequency match the values specified on the equipment. If the equipment has a voltage selection switch, connect the equipment to the power outlet only if the equipment values and the mains power values match. If the included power cord or power adapter does not fit in your wall outlet, contact your electrician.
25. Do not step on the power cord. Make certain that the power cable does not become kinked, especially at the mains outlet and/or power adapter and the equipment connector.
26. When connecting the equipment, make certain that the power cord or power adapter is always freely accessible. Always disconnect the equipment from the power supply if the equipment is not in use or if you want to clean the equipment. Always unplug the power cord and power adapter from the power outlet at the plug or adapter and not by pulling on the cord. Never touch the power cord and power adapter with wet hands.
27. Whenever possible, avoid switching the equipment on and off in quick succession because otherwise this can shorten the useful life of the equipment.
28. IMPORTANT INFORMATION: Replace fuses only with fuses of the same type and rating. If a fuse blows repeatedly, please contact an authorised service centre.
29. To disconnect the equipment from the power mains completely, unplug the power cord or power adapter from the power outlet.
30. If your device is equipped with a Volex power connector, the mating Volex equipment connector must be unlocked before it can be removed. However, this also means that the equipment can slide and fall down if the power cable is pulled, which can lead to personal injuries and/or other damage. For this reason, always be careful when laying cables.
31. Unplug the power cord and power adapter from the power outlet if there is a risk of a lightning strike or before extended periods of disuse.
32. The device must only be installed in a voltage-free condition (disconnect the mains plug from the mains).
33. Dust and other debris inside the unit may cause damage. The unit should be regularly serviced or cleaned (no guarantee) depending on ambient conditions (dust etc., nicotine, fog) by qualified personnel to prevent overheating and malfunction.
34. Please keep a distance of at least 0.5 m to any combustible materials.
35. Power cables to power multiple devices must have a cross-section of at least 1.5 mm². Within the EU, the cables must correspond to H05VV-F, or similar. Suitable cables are offered by Adam Hall. With these cables, you can connect multiple devices via the power OUT connection to the power IN connection of an additional device. Make sure that the total current consumption of all connected devices does not exceed the specified value on all connected devices (label on the device). Make sure to keep power cable connections as short as possible.

**CAUTION:**

To reduce the risk of electric shock, do not remove cover (or back). There are no user serviceable parts inside. Maintenance and repairs should be exclusively carried out by qualified service personnel.



The warning triangle with lightning symbol indicates dangerous uninsulated voltage inside the unit, which may cause an electrical shock.



The warning triangle with exclamation mark indicates important operating and maintenance instructions.



Warning! This symbol indicates a hot surface. Certain parts of the housing can become hot during operation. After use, wait for a cool-down period of at least 10 minutes before handling or transporting the device.



Warning! This device is designed for use below 2000 metres in altitude.



Warning! This product is not intended for use in tropical climates.



Caution! Intense LED light source! Risk of eye damage. Do not look into the light source.

CAUTION! IMPORTANT INFORMATION ABOUT LIGHTING PRODUCTS!

1. The product has been developed for professional use in the field of event technology and is not suitable as household lighting.
2. Do not stare, even temporarily, directly into the light beam.
3. Do not look at the beam directly with optical instruments such as magnifiers.
4. Stroboscope effects may cause epileptic seizures in sensitive people! People with epilepsy should definitely avoid places where strobes are used.

INTRODUCTION**OUTDOOR Q SPOT 40 RGBA**

CLQS40IB (black)

CLQS40IW (white)

CONTROL FUNCTIONS

2-channel, 3-channel, 4-channel, 9-channel DMX control

Master/slave mode

Stand-alone function

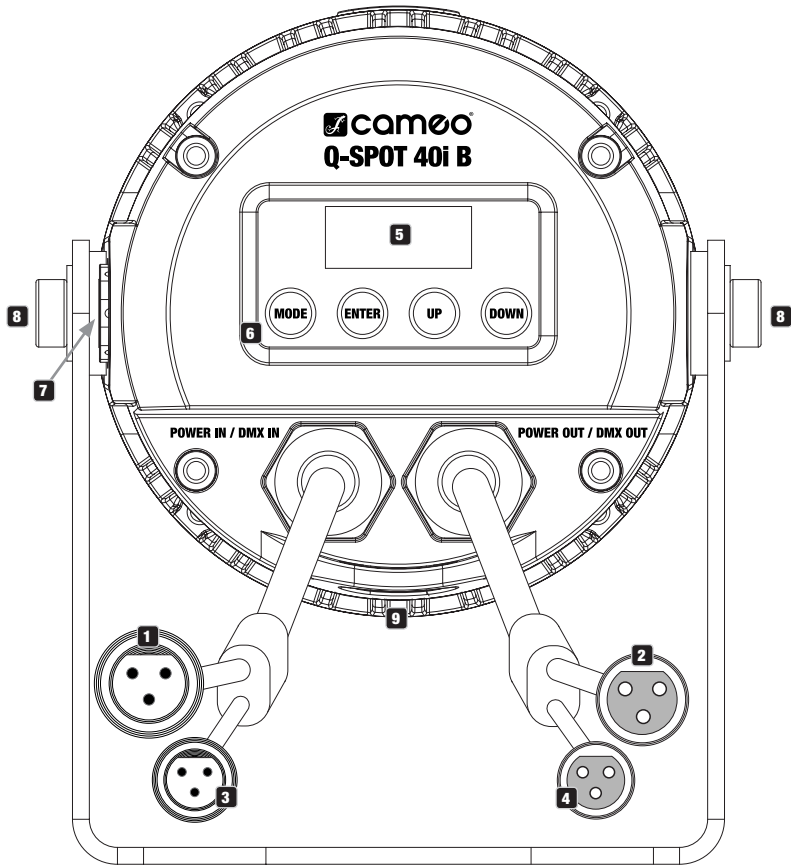
Control via IR remote control (remote control optional)

PROPERTIES

Compact outdoor spot with a 40 W quad-LED (RGBA). 4 DMX modes. DMX-512 control. Master/slave mode. Stand-alone functions. Stand and/or mounting bracket, and earth anchor, included. 2 diffusers included. Operating voltage: 100–240 V AC / 50–60 Hz. Power consumption 49 W. IP65 protection rating.

The spotlights comply with the RDM standard (Remote Device Management). Remote device management allows the user to view status and configuration of RDM terminals via an RDM-capable controller.

CONNECTIONS, CONTROL AND DISPLAY ELEMENTS



1 POWER IN

IP65 cable connector to supply power to the device. A suitable power cable, with CEE 7/7 plug, is included in delivery.

2 POWER OUT

IP65 cable connector to supply power to additional Cameo spotlights. Carefully close the socket with the help of the appropriate sealing cap when the connection is not being used (sealing cap included in delivery).

3 DMX IN

Male IP65 3-pin cable connector to connect a DMX control device (e.g. DMX console). A suitable adapter cable, on a 3-pin XLR plug, is included in delivery. Carefully close the socket with the help of the appropriate sealing cap when the connection is not being used (sealing cap included in delivery).

4 DMX OUT

Female IP65 3-pin cable connector for transmitting the control signal (DMX, master/slave). Carefully close the socket with the help of the appropriate sealing cap when the connection is not being used (sealing cap included in delivery).

5 OLED DISPLAY

The OLED display shows the currently active operating mode (main display), the menu options in the Options menu, and the numerical values or operating status for certain menu options. If there is no input within approx. 30 seconds, the display automatically switches to the main display. If one of the four DMX operating modes is activated and there is no DMX control signal on the DMX input, then the numbers on the display will flash; this flashing stops once a control signal is received.

6 TOUCH-SENSITIVE CONTROLS

MODE

Access the selection menu by pressing MODE. Pressing it again will return you to the main screen. If you press the MODE button without having first pressed ENTER to confirm a value or status change, the previously confirmed value or status shall be restored.

ENTER

Pressing ENTER will take you to the menu level in order to apply value changes and to reach one of the submenus. You can also confirm value adjustments by pressing ENTER.

UP and DOWN

Selects the individual menu options in the selection menu (DMX address, operating mode, etc.) and in the submenus. Allows you to change the value of a menu option, such as the DMX address, as desired (press down and hold for rapid value adjustment).

7 PRESSURE EQUALIZATION ELEMENT

The pressure equalization element, for preventing the buildup of moisture inside the housing, is on the side of the housing. Protect this element from contamination in order to ensure that it functions properly.

8 ADJUST BEAM DIRECTION

A 6 mm hex tool is required to adjust the stand or mounting bracket (not included in delivery).

9 SAFETY EYEBOLT

When installing in an overhead location, secure the device using a suitable safety cable on the safety eyebolt.

IMPORTANT NOTE: Always carefully connect the cable and sealing caps to the cable connectors to ensure a waterproof connection in accordance with IP65.

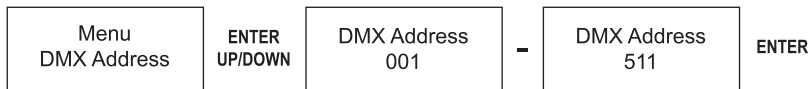
OPERATION

NOTES

- As soon as the spotlight is correctly connected to the power mains, "Software Update Please Wait..." (only for servicing purposes), "Welcome to Cameo", the model name, and then the software version are displayed in sequence on the display as part of the startup process. Once the process is complete, the spotlight is ready for use and resumes whichever mode was most recently set.
- If one of the DMX modes is active, and there is no DMX signal at the DMX input, the display will begin to blink after a few seconds.
- After approx. 30 seconds of inactivity, the display will automatically show the currently active operating mode (main display).
- Fast Access feature: In order to make navigating the menu simpler, the device has an intelligent menu structure that makes it possible to directly access menu and submenu options that were previously selected. 1. Pressing MODE and ENTER at the same time will take you directly to the submenu option that was last modified, where you can immediately change the value as desired (DMX start address and all operating modes). 2. Pressing MODE will take you directly to the menu option that was last selected and modified.
- Before changing device settings, make sure that the control unit is dry and dust-free in order to ensure that it is functioning properly.
- The display can be rotated by 180° by pressing UP when the main screen is shown on the display.

SETTING THE DMX START ADDRESS

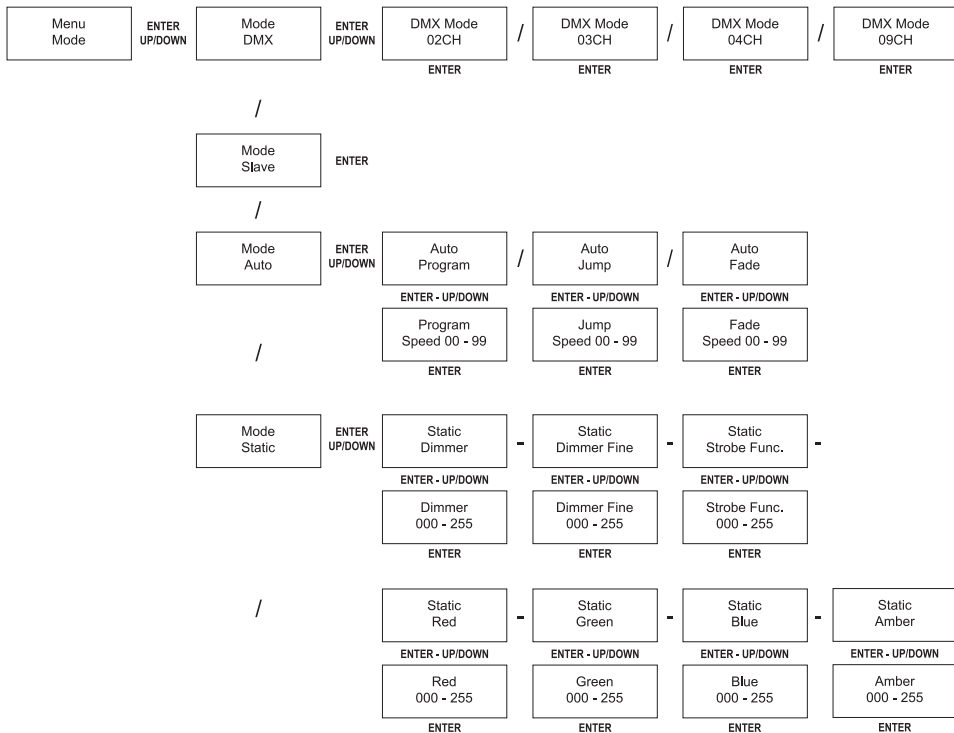
Press MODE until the top line of the display shows "Menu". Now select the "DMX Address" option (bottom line) using UP and DOWN (note arrow) and then press ENTER. Now select the desired DMX start address using UP and DOWN and confirm with ENTER (the highest value depends on the selected DMX mode). The last selected DMX mode will activate at the same time.

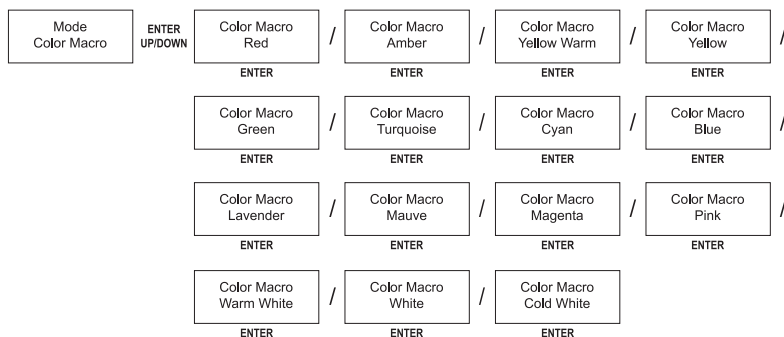


SETTING THE OPERATING MODE (Mode)

Press MODE until the top line of the display shows "Menu". Now select the "Mode" option (bottom line) using UP and DOWN (note arrow) and then press ENTER. You can now select the desired mode using UP and DOWN and then confirm with ENTER (see table, note submenus). You can find detailed DMX tables in these instructions under "DMX CONTROL".

Mode				
DMX	=	DMX operating modes	02CH	2-channel mode
			03CH	3-channel mode
			04CH	4-channel mode
			09CH	9-channel mode
Slave	=	Slave mode	Slave	Connect DMX IN on the slave unit to DMX OUT on the master unit (same model) and enable one of the standalone modes on the master unit. The slave unit will now follow the master unit.
Auto	=	Automatic control mode	Fade	Color blending with speed setting (speed).
			Program	Combination of fade and jump operating mode with speed setting (speed).
			Jump	Rapid color change with speed setting (speed).
Static	=	Setting a "scene" without an external controller.	Static	Master dimmer, dimmer fine, strobe (strobe function same as channel 3 in 9-channel mode), and the individual colors can also be individually set.
Color macro	=	Color macros		15 different color macros are available as presets.



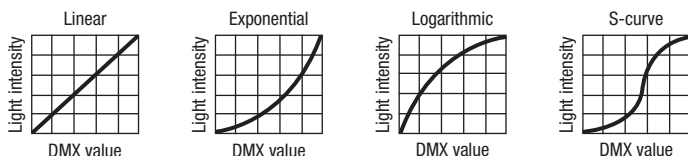


SYSTEM SETTINGS (Settings)

Press MODE until the top line of the display shows "Menu". Now select the "Settings" option (bottom line) using UP and DOWN and press ENTER. You can now select the desired submenu item using UP and DOWN and confirm with ENTER (see table, status / change value with UP and DOWN, confirm with ENTER):

Settings (bold = factory setting)				
Display Rev	=	Display rotates by 180°	Display Rev On	Rotate display by 180° (e.g. for overhead installation)
			Display Rev Off	Normal display rotation
Display	=	Automatic display deactivation	Display On	Permanently on
			Display Off	Automatic deactivation of the display after approx. 1 minute of inactivity
DMX Fail	=	Operating status if DMX signal is lost	Hold	Last command is kept
			Blackout	Activates blackout
Dim.Curve	=	Dimmer curve	Linear	Light intensity increases linearly with DMX value
			Exp	Light intensity can be finely adjusted at lower DMX values and broadly adjusted at higher DMX values
			Log	Light intensity can be broadly adjusted at lower DMX values and finely adjusted at higher DMX values
			S-curve	Light intensity can be finely adjusted at lower and higher DMX values and broadly adjusted at medium DMX values
Dimmer Resp.	=	Dimmer response	LED	The spotlight responds abruptly to changes in the DMX value
			Halogen	The spotlight behaves like a halogen spotlight with soft brightness changes
Autolock	=	Automatically locks the control elements	On	Automatically locks the control elements after approx. 1 minute of inactivity Display shows: "Locked!" Unlock: Press UP and DOWN at the same time for approx. 5 seconds
			Off	Deactivates automatic locking of the control elements
White Balance	=	White balance	Red, green, blue, amber	Individual white balance. Cross-mode configuration of the 4 colors RGBA (value 000–255)
IR Remote	=	Activate or deactivate control via the IR remote	On	Activate control via the IR remote
			Off	Deactivate control via the IR remote
Factory Reset	=	Reset to factory settings	Reset Now?	ENTER = reset to factory settings MODE = do not reset to factory settings

Dimmer curves



SYSTEM INFORMATION (System Info)

To view various system information, press MODE until the top line of the display shows "Menu". Now select the "System Info" option (bottom line) using UP and DOWN and then press ENTER. Use the UP and DOWN buttons again to select the desired parameter, then press ENTER to view the information or UP and DOWN to adjust (confirm with ENTER).

System info				
Firmware	=	Displays the software version	V1.xx	Press ENTER to display information
Temperature	=	Displays the LED temperature in Celsius or Fahrenheit	Temperature LED	Display temperature by pressing ENTER
			Unit F/C	Displays the temperature in Celsius or Fahrenheit
Op.Hours	=	Displays the operating time in hours	xxxxh	Press ENTER to display information

IR REMOTE CONTROL (OPTIONAL)



Activate infrared remote control in system settings under "IR Remote" (IR Remote On) Now aim the infrared remote control directly at the infrared sensor (line of sight) built into the front of the spotlight. The maximum range is approx. 8 meters. Infrared remote control is deactivated in the DMX mode and slave mode.

BL / ON/OFF (Blackout)

The **BL** button switches off the LED, regardless of which operating mode is activated via the remote control. Press the **BL** button again to reactivate the previously selected mode.

SP / SPEED

11-step speed adjustment for the operating modes "Auto Jump", "Auto Fade", and "Auto Program" First press the **SP** button and select the desired speed by using the + and - buttons. Level 1 allows the color change sequence to progress slowly, pressing it again activates level 2 with a faster change sequence, and this is followed by levels 3 to 11, where level 11 is the fastest sequence of color changes.

/ BRIGHTNESS

Set the brightness in 12 steps Press the  button and select the desired brightness by using the + and - buttons (level 1 = blackout).

FL / FLASH (strobe)

Activate the strobe effect and set one of its 14 speeds After pressing the **FL** button, the static mode will be automatically activated (color mixing with the R, G, B, A buttons). Use the + and - buttons to select the flash frequency (level 1 = strobe deactivated, level 2 = slowest flash frequency, level 14 = fastest flash frequency).

R / G / B / A (W, UV, CW, and WW have no function)

An individual color mixture can be set using the 4 buttons R, G, B, A (static mode – static). The 12 brightness levels can be called up by pressing the respective color button, then using the + and - buttons, where level 1 means that the LEDs are switched off.

Example: If you set red and green at their respective maximum levels, and blue and amber at their lowest (off), then you will have a color mix of light yellow.

PG (Auto Jump / Auto Fade)

Press the **PG** button and select the operating modes “Auto Jump” or “Auto Fade” by using the + and - buttons. Set the program run-speed by pressing SP (Speed) and using the + and - buttons.

CM (color macros)

15 color presets can be retrieved by pressing **CM** and using the + and - buttons.

SC (no function)

AU (auto program)

Automatic switch between “Auto Jump” and “Auto Fade” The speed is set with the buttons **SP** and + and -.

GLARE PROTECTION RING

The spotlight has an adjustable glare protection ring. Turn the ring to the desired position.



DIFFUSERS

Included with the spotlight are two diffusers, which have differing dispersion characteristics (10°, 25°). The beam angle of the spotlight can therefore be individually set to 4.5° (without diffuser), 10° or 25°. Place the desired diffuser on the lighting lens in the same way as a bayonet fastening, then turn it anti-clockwise until the magnets in the diffuser (A) and the two opposite magnets, which are embedded in the glare protection ring (B), are directly on top of one another (C) and the diffuser is securely held in place. When doing so, ensure that the side of the diffuser in which the 2 magnets are integrated is facing toward the spotlight.



EARTH ANCHOR

Included with the spotlight is an earth anchor, which can be attached to the mounting bracket with the help of the included Allen screw. A 6 mm hex tool (not included) is required to attach the earth anchor to the mounting bracket.



SETUP AND INSTALLATION

Thanks to the wide stand or mounting bracket, the spotlight can be placed in a suitable location on a level surface. Install on a crossbeam using a traverse clamp that is attached to the mounting bracket (A). Suitable traverse clamps are available as needed. Ensure that the connections are tight and secure the spotlight to the dedicated fixing eyelet using the integrated safety eyebolt. There is a recess on the housing edge between the device housing and the glare protection ring. During installation, please ensure that this recess is positioned in such a way that water can flow freely from the front glass through this recess.



Important safety information: Overhead mounting requires extensive experience, including the calculation of the load limit values of the installation material and regular safety inspection of all installation materials and spotlights. If you do not have these qualifications, do not attempt to carry out the installation yourself; contact a professional company.



DMX TECHNOLOGY

DMX-512

DMX (Digital Multiplex) is the designation for a universal transmission protocol for communications between corresponding devices and controllers. A DMX controller sends DMX data to the connected DMX device(s). The DMX data is always transmitted as a serial data stream that is forwarded from one connected device to the next via the "DMX IN" and "DMX OUT" connectors (XLR plug-type connectors) that are found on every DMX-capable device, provided the maximum number of devices does not exceed 32 units. The last device in the chain needs to be equipped with a terminator (terminating resistor).



DMX CONNECTION

DMX is the common "language" via which a very wide range of types and models of equipment from various manufacturers can be connected with one another and controlled via a central controller, provided that all of the devices and the controller are DMX compatible. For optimum data transmission, it is necessary to keep the connecting cables between the individual devices as short as possible. The order in which the devices are integrated in the DMX network has no influence on the addresses. Thus the device with the DMX address 1 can be located at any position in the (serial) DMX chain: at the beginning, at the end or somewhere in the middle. If the DMX address 1 is assigned to a device, the controller "knows" that it should send all data allocated to address 1 to this device regardless of its position in the DMX network.

SERIAL CONNECTION OF MULTIPLE LIGHTS

1. Connect the male XLR connector (3-pin or 5-pin) of the DMX cable to the DMX output (female XLR socket) of the first DMX device (e.g. DMX-Controller).
2. Connect the female 3-pin XLR connector of the DMX cable connected to the first projector to the DMX input (male 3-pin socket) of the next DMX device. In the same way, connect the DMX output of this device to the DMX input of the next device and repeat until all devices have been connected. Please note that as a rule, DMX devices are connected in series and connections cannot be shared without active splitters. The maximum number of DMX devices in a DMX chain should not exceed 32 units.

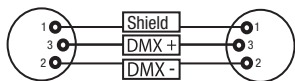
The Adam Hall 3 STAR, 4 STAR, and 5 STAR product ranges include an extensive selection of suitable cables.

DMX CABLES

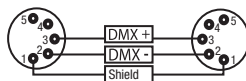
When fabricating your own cables, always observe the illustrations on this page. Never connect the shielding of the cable to the ground contact of the plug, and always make certain that the shielding does not come into contact with the housing of the XLR plug. If the shielding is connected to the ground, this can lead to short-circuiting and system malfunctions.

Pin Assignment

DMX cable with 3-pin XLR connectors:



DMX cable with 5-pin XLR connectors (pin 4 and 5 are not used):



DMX TERMINATORS (TERMINATING RESISTORS)

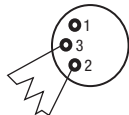
To prevent system errors, the last device in a DMX chain needs to be equipped with a terminating resistor (120 ohm, 1/4 Watt).

3-pin XLR connector with a terminating resistor: K3DMXT3

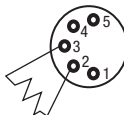
5-pin XLR connector with a terminating resistor: K3DMXT5

Pin Assignment

3-pin XLR connector:



5-pin XLR connector:



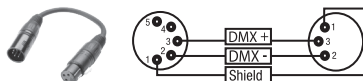
DMX ADAPTER

The combination of DMX devices with 3-pin connectors and DMX devices with 5-pin connectors in a DMX chain is possible with suitable adapters.

Pin Assignment

DMX Adapter 5-pin XLR male to 3-pin XLR female: K3DGF0020

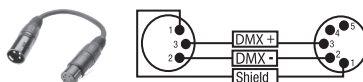
Pins 4 and 5 are not used.



Pin Assignment

DMX Adapter 3-pin XLR male to 5-pin XLR female: K3DHM0020

Pins 4 and 5 are not used.



TECHNICAL SPECIFICATIONS

Article number:	CLQS40IB(W)
Product type:	LED spot
Type:	Compact outdoor spot
LED color spectrum:	RGBA
Number of LEDs:	1 quad LED
LED type:	40 W
PWM frequency:	3600 Hz
Beam angle:	4.5° (10°, 25° with appropriate diffuser)
DMX input:	Cable with special 3-pin IP65 cable connector, male (adapter cable to XLR included)
DMX output:	Cable with special 3-pin IP65 cable connector, female
DMX mode:	2-channel, 3-channel, 4-channel, 9-channel
DMX functions:	Dimmer, dimmer fine, RGBW, strobe, color temperature correction, color macros, color change, color blending
Standalone functions:	Color mixing, strobe, color macros, color blending, auto mode, master/slave operation
System settings:	Display reverse, display on/off, DMX fail, autolock, dimmer response, dimmer curves, white balance, remote control on/off, factory reset
Controller:	DMX512, IR remote control (optional), RDM-enabled
Control elements:	MODE, ENTER, UP, DOWN (touch-sensitive controls)
Display elements:	OLED display
Operating voltage:	100-240 V AC / 50-60 Hz
Power consumption:	49 W
Illumination intensity (@ 3 m):	4100 lx (RGBA, 4.5°)
Luminous flux (RGBA):	582 lm
Power input connection (POWER IN):	Cable with 3-pin IP65 special cable connection, male (adapter cable with CEE 7/7 plug included)
Power output connection (POWER OUT):	Cable with 3-pin IP65 special cable connection, female (power out maximum 5.8 A)
Ambient temperature (running):	-5°F to 113°F
Housing material:	Metal
Housing color:	Black (CLQS40IB) White (CLQS40IW)
Housing cooling:	Convection
Protection class:	IP65
Dimensions (Ø x L, without mounting bracket):	4.17 x 6.29 inches
Weight:	4.4 lbs
Additional features:	Adjustable mounting or stand bracket, and earth anchor included. Safety eyebolts on the device. Power cable, DMX adapter cable, 1 set of sealing caps, 2 diffusers, and IR remote control included (CLQSREMOTE2)

MANUFACTURER'S DECLARATIONS

MANUFACTURER'S WARRANTY & LIMITATIONS OF LIABILITY

You can find our current warranty conditions and limitations of liability at: https://cdn-shop.adamhall.com/media/pdf/MANUFACTURERS-DECLARATIONS_CAMEO.pdf. To request warranty service for a product, please contact Adam Hall GmbH, Adam-Hall-Str. 1, 61267 Neu Anspach / Email: Info@adamhall.com / +49 (0)6081 / 9419-0.



CORRECT DISPOSAL OF THIS PRODUCT

(valid in the European Union and other European countries with a differentiated waste collection system)

■ This symbol on the product, or on its documents indicates that the device may not be treated as household waste. This is to avoid environmental damage or personal injury due to uncontrolled waste disposal. Please dispose of this product separately from other waste and have it recycled to promote sustainable economic activity. Household users should contact either the retailer where they purchased this product, or their local government office, for details on where and how they can recycle this item in an environmentally friendly manner. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial waste for disposal.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation

CE Compliance

Adam Hall GmbH states that this product meets the following guidelines (where applicable):

R&TTE (1999/5/EC) or RED (2014/53/EU) from June 2017

Low voltage directive (2014/35/EU)

EMV directive (2014/30/EU)

RoHS (2011/65/EU)

The complete declaration of conformity can be found at www.adamhall.com.

Furthermore, you may also direct your enquiry to info@adamhall.com.

DMX CONTROL / DMX STEUERUNG / PILOTAGE DMX / CONTROL DMX / STEROWANIE DMX / CONTROLLO DMX

2CH Mode					
Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Color Macros	000	-	005	Color off
		006	-	013	Red
		014	-	021	Amber
		022	-	029	Yellow warm
		030	-	037	Yellow
		038	-	045	Green
		046	-	053	Turquoise
		054	-	061	Cyan
		062	-	069	Blue
		070	-	077	Lavender
		078	-	085	Mauve
		086	-	093	Magenta
		094	-	101	Pink
		102	-	109	Warm White
		110	-	117	White
		118	-	125	Cold White
126	-	127	Color Jumping Stop		
128	-	191	Color Jumping Speed slow -> fast / color 1 -> 12		
192	-	255	Color Fading Speed slow -> fast / color 1 -> 12		

3CH Mode					
Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Strobe	000	-	005	Strobe open
		006	-	255	Strobe slow -> fast <1Hz - 20Hz
3	Color Macros	000	-	005	Color off
		006	-	013	Red
		014	-	021	Amber
		022	-	029	Yellow warm
		030	-	037	Yellow
		038	-	045	Green
		046	-	053	Turquoise
		054	-	061	Cyan
		062	-	069	Blue
		070	-	077	Lavender
		078	-	085	Mauve
		086	-	093	Magenta
		094	-	101	Pink
		102	-	109	Warm White
		110	-	117	White
		118	-	125	Cold White
126	-	127	Color Jumping stop		
128	-	191	Color Jumping speed slow -> fast / color 1 -> 12		
192	-	255	Color Fading speed slow -> fast / color 1 -> 12		

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

4CH Mode					
Ch.	Function	Values			
1	Red	000	-	255	0% to 100%
2	Green	000	-	255	0% to 100%
3	Blue	000	-	255	0% to 100%
4	Amber	000	-	255	0% to 100%

9CH Mode					
Ch.	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Dimmer fine	000	-	255	0% to 100%
3	Strobe functions	000	-	005	Strobe open
		006	-	010	Strobe closed
		011	-	033	Pulse random slow -> fast
		034	-	056	Ramp up random slow -> fast
		057	-	079	Ramp down random slow -> fast
		080	-	102	Random strobe effect slow -> fast
		103	-	127	Strobe break effect, 5s.....1s (short burst with break)
		128	-	250	Strobe slow -> fast <1Hz - 20Hz
3	Strobe	251	-	255	Strobe open
		000	-	005	Strobe open
3	Strobe	006	-	255	Strobe slow -> fast <1Hz - 20Hz
		000	-	255	0% to 100%
4	Red	000	-	255	0% to 100%
5	Green	000	-	255	0% to 100%
6	Blue	000	-	255	0% to 100%
7	Amber	000	-	255	0% to 100%
8	Color Macros (override RGBA)	000	-	005	Color off
		006	-	013	Red
		014	-	021	Amber
		022	-	029	Yellow warm
		030	-	037	Yellow
		038	-	045	Green
		046	-	053	Turquoise
		054	-	061	Cyan
		062	-	069	Blue
		070	-	077	Lavender
		078	-	085	Mauve
		086	-	093	Magenta
		094	-	101	Pink
		102	-	109	Warm White
		110	-	117	White
118	-	125	Cold White		
126	-	127	Color Jumping stop		
128	-	191	Color Jumping speed slow -> fast / color 1 -> 12		
192	-	255	Color Fading speed slow -> fast / color 1 -> 12		
9	Color Temperature Correction (affects Ch. 5 + 6)	000	-	005	Off
		006	-	255	Cold -> warm

