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

cameo®

LED TECHNOLOGY

RGB W

STROBE EFFECT

BATTERY POWERED

512 DMX

DMX DELAY

MASTER/SLAVE

SOUND TO LIGHT

STAND ALONE MODE

GREEN SOLUTION

ROOT® PAR BATTERY
5 × 4 W RGBW LED PAR SPOTLIGHT
CLROOTPARBAT

CONTENTS / INHALTSVERZEICHNIS / CONTENU / CONTENIDO / TREŚĆ / CONTENUTO

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

ENGLISH

YOU HAVE MADE THE RIGHT CHOICE!
This device was developed and produced under the highest standards of quality in order to ensure smooth operation for many years. Please read these operating instructions carefully so that you can use your new Cameo Light product quickly and optimally. You can find more information on Cameo Light on our website WWW.CAMEOLIGHT.COM.

INTENDED USE
This product is a device for event technology!
The product has been developed for professional use in the field of event technology and is not suitable for household use! Temporary operation! Event equipment is generally only designed for temporary operation and is not intended for permanent operation and permanent installation! Furthermore, this product is only intended for qualified users with expert knowledge of event technology! Use of the product outside of the specified technical data and operating conditions is considered improper use! Liability for damage and third-party damage to persons and property due to improper use is excluded!

SAFETY INFORMATION
1. Please read through these instructions carefully.
2. Store all information and instructions in a secure location.
3. Follow the instructions.
4. Heed all warnings. Do not remove any safety warnings or other information from the device.
5. Use the device only in the intended manner.
6. Use only stable and suitable stands and/or mounts (for fixed installations). Make sure that wall mounts are properly installed and secured. Make sure that the device is securely installed and will not fall.
7. During installation, heed all safety provisions that apply in your country.
8. Do not install and operate the device in the vicinity of heaters, heat reservoirs, ovens, or other heat sources. Make sure that the device is installed in such a way that it is sufficiently cooled and will not overheat.
9. Do not place any ignition sources, e.g. candles, on the device.
10. Do not block the ventilation slits.
11. The device was designed to be used only in interior spaces, do not operate the device in the direct vicinity of water (this does not apply to specialty outdoor devices - in this case, please note the special instructions given in the following). Do not bring the device into contact with combustible materials, fluids, or gases.
12. Make sure that no water can drop or splash into the device. Do not place any containers filled with fluids, such as vases or drinking vessels, onto the device.
13. Ensure that no objects can fall into the device.
14. Operative the device using only those accessories recommended and specified by the manufacturer.
15. Do not open the device, and do not modify it.
16. After connecting the device, inspect all cable paths in order to avoid damage or accidents, such as those caused by tripping over said cables.
17. During transport, ensure that the device will not fall and potentially cause material damage and personal harm.
18. If your device no longer functions properly, fluids or objects have made their way into the device interior, or the device is otherwise damaged, switch it off immediately and remove it from the power outlet (provided the device is active).
This device is to be repaired only by authorized specialists.
19. Use a dry towel to clean the device.
20. Follow all laws on disposal applicable in your country. Please separate plastic and paper or cardboard when disposing of the packaging.
21. Plastic bags must be kept out of reach of children.

FOR DEVICES CONNECTED TO A POWER SUPPLY:
22. ATTENTION: If the device power cable is equipped with a ground pin, it must be inserted into an outlet with a grounding conductor. Never disable the grounding conductor of a power cable.
23. Do not immediately switch on the device when it has been exposed to stark temperature deviations (for example after transport). Humidity and condensation could damage the device. Switch on the device only when it has reached room temperature.
24. Before you connect the device to the outlet, first ensure that voltage and frequency of the power supply complies with the values given on the device. If the device has a voltage selector switch, connect the device to the outlet only if the device values comply with the values of the power supply. If the provided power cable or power adapter does not fit your power outlet, contact an electrician.
25. Do not step on the power cable. Make sure that live cables, in particular those at the power socket or at the power adapter and the device socket, are not bent.
26. With regard to the device cables, always make sure that the power cable or power adapter is always freely accessible. Always separate the device from the power supply when the device is not in use or when you would like to clean the device. Always unplug the power cable and power adapter from the power outlet using the plug or adapter, not the cord. Never touch the power cable and power adapter with wet hands.
27. If possible, do not switch the device on and off quickly because this may impair the service life of the device.
28. IMPORTANT INFO: Replace fuses only with fuses of the same type and value. If a fuse trips repeatedly, please contact an authorized service center.
29. In order to completely separate the device from the power supply, remove the power cable or power adapter from the outlet.
30. If your device is equipped with a Volex power cord, release the correct Volex device connector before removing the cord. However, this also means that the device may slide and fall when removing the power cord, which may cause personal harm and/or material damage. Therefore, always lay cables carefully.
31. Remove the power cable and power adapter from the outlet when there is a risk of lighting or when you no longer want to use the device.

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

32. The device may only be installed when it carries no voltage (separate the power plug from the power supply).

33. Dust and other debris within the device may damage it. The device should be serviced or cleaned regularly by qualified specialists depending on the environmental conditions (dust, nicotine, smoke, etc.) in order to avoid overheating.

34. The distance to combustible materials must be at least 0.5 m.

35. Power cables for powering multiple devices must have a core cross-section of at least 1.5 mm². In the EU, lines must be H05VV-F or similar. Adam Hall provides suitable cables. Using these cables, you can connect multiple devices via the Power Out connection with the Power In connection of another device. Ensure that the total power consumption of all connected devices does not exceed the specified value (printed on the device). Be sure to keep power lines as short as possible.

36. The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.

37. Children must be instructed not to play with the device.

38. If the power cord of the device is damaged, do not use the device. The power cord must be replaced by an adequate cable or assembly from an authorized service center.

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. Do not stare, even temporarily, directly into the light beam.

2. Do not look at the beam directly with optical instruments such as magnifiers.

3. Stroboscope effects may cause epileptic seizures in sensitive people! People with epilepsy should definitely avoid places where strobes are used.

BATTERY SAFETY

• Keep the spotlight with the battery installed away from excessive heat and direct sunlight. Do not place it on or in heating devices, such as microwaves, ovens, or radiators. Batteries may explode if overheated.

• Do not attempt to open the spotlight and change or modify the battery, do not insert foreign objects into the battery, or do not immerse it in or let it come into contact with water or other liquids. Failure to do so may result in fire, explosion, or other hazardous situations.

• In the event of the spotlight becoming deformed or overheating due to a battery malfunction during the charging process or during storage, immediately refrain from using the device and contact an authorized service center. Further use of the device may result in fire or an explosion.

• Do not put the spotlight into a fire, as it could explode. Damaged batteries may also explode.

• Do not strike or puncture the spotlight, or place it under high pressure. Failure to do so may cause a short circuit or overheating.

• Do not drop the spotlight. If the device is dropped, particularly onto a hard surface, the internal battery may be damaged.

• If the battery life shortens significantly, please contact an authorized service center.

• Do not attempt to remove the battery, as this could cause damage to the device. Please contact an authorized service center to exchange the battery.

4

CHARGING THE BATTERY, OPERATING, AND STORING THE SPOTLIGHT

• Connect the spotlight to the power supply in order to charge the internal battery. The battery is charged both when it is switched on and when the spotlight is switched off.
• It takes approx. 2 hours to charge the battery from 0% to 100%.
• The electronic battery management system protects the battery from overcharge and deep-discharge.
• Do not charge the spotlight's battery at ambient temperatures below 0°C and above 40°C.
• Operation may only occur at an ambient temperature above 0°C and below 40°C.
• The storage temperature must be above 0°C and below 35°C.
• Fully recharge the battery immediately after discharge. Batteries that are not fully charged lose capacity and have a shortened service life.
• Store the spotlight only with a fully charged battery.
• If the spotlight is not used for a longer period of time, completely recharge the battery every 6 months.
• To extend the lifetime of the battery, it is recommended that the battery is recharged as soon as possible and that it is not used until completely empty/fully de-energized.
• In cold environments, battery life may be shorter than expected.
• Store the spotlight in cool and dry conditions to ensure optimal storage conditions for the battery.

INTRODUCTION

BATTERY-POWERED SPOTLIGHT WITH 5 × 4 W RGBW LEDS

CLROOTPARBAT

CONTROL FUNCTIONS

3-channel, 5-channel 1, 5-channel 2, 6-channel, 7-channel, and 10-channel DMX control

Master/slave mode

Stand-alone functions

Control via IR remote control (remote control optionally available)

W-DMX connection possible with optional iDMX stick

FEATURES

5 × 4 W RGBW LEDs. 3-pin DMX connectors. Power Twist power connector, IN and OUT. Power supply-independent operation thanks to internal Li-ion battery. OLED display. Configurable PWM frequency. Connection for iDMX stick. Convection cooling. Tilt screw. Removable stand and mounting bracket for inconspicuous uplighting. 100–240 V AC operating voltage. Power consumption in mains operation and with simultaneous charging of the battery 75 W.

BATTERY LIFE

BATTERY LIFE WITH FULLY CHARGED BATTERY IN POWER MODE STANDARD (STD)	
RGBW 100%	approx. 5 h
R + G 100%	approx. 8 h 30 min
G 100%	approx. 12 h

BATTERY LIFE WITH FULLY CHARGED BATTERY IN ECO POWER MODE	
RGBW 100%	approx. 6 h 30 min
R + G 100%	approx. 14 s
G 100%	approx. 20 h

The charging time is approx. 2 hours.

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

CONNECTIONS, OPERATING AND DISPLAY ELEMENTS

5 iDMX®

POWER OUT   POWER IN   DMX OUT   DMX IN

POWER CONSUMPTION: 75 W   100 - 240 V AC 50/60 Hz
MAX OUT CURRENT: 8 A   WEIGHT: 2.5 kg
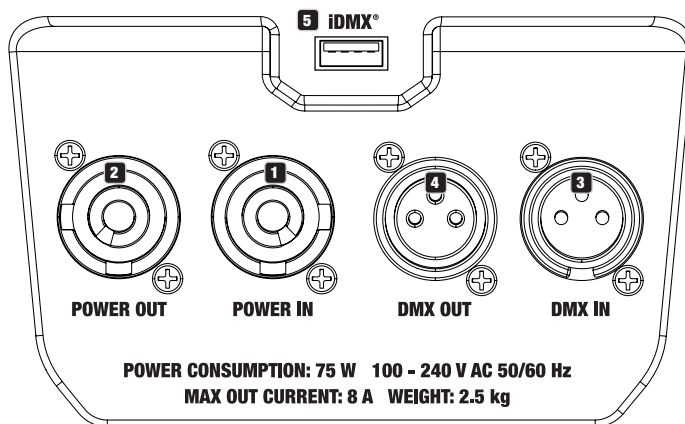
1 POWER IN

Blue Power Twist power input socket. Operating voltage: 100–240 V AC / 50–60 Hz. A suitable power cable with Power Twist plug is included in the package contents.

2 POWER OUT

White Power Twist power output socket to supply power to additional Cameo spotlights (max. 8 A).

3 DMX IN

Male 3-pin XLR connector to connect a DMX control device (e.g., DMX console).

4 DMX OUT

Female 3-pin XLR connector to transmit the DMX control signal.

5 iDMX

Connection for the optionally available iDMX stick for W-DMX™ connection.

6 FUSE

Fuse holder for 5 × 20 mm micro fuses. IMPORTANT NOTE: Only replace the fuse with a fuse of the same type and values. If a fuse trips repeatedly, please contact an authorized service center.

7 POWER

Push switch for switching the spotlight on and off.

8 OLED DISPLAY

The OLED display shows the currently activated 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. two minutes, the information in the display automatically switches to the main display. Note on the main display in operating modes with external control: As soon as the control signal is interrupted, the symbols on the display will begin to flash. When the control signal is present again, the flashing will stop. Starting from the main display, briefly press the ▲ button to rotate the information in the display 180°.

8 MIC

Microphone for music-control mode.

ROOT PAR BATTERY

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Attention: Risque de choc electrique. Ne pas ouvrir
Warning: to reduce the risk of fire or electric shock
do not expose this equipment to rain or moisture.

Avertissement: Ne pas exposer ce materiel a la pluie
ou l'humidite afin de reduire le risque d'inflammation
ou de choc electrique.

Cameo® is a registered brand of the Adam Hall Group I Adam Hall GmbH Adam-Hall-Str. 1
61267 Neu-Anspach Germany Designed and engineered in Germany, assembled in P.R.C I www.adamhall.com

POWER

FUSE F3 A 250 V

Serial No.:

MENU ENTER ▲ ▼

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

9 CONTROL BUTTONS

MENU – you can access the options menu by pressing MENU. Pressing it again will return you to the main display. If you press MENU without having first pressed ENTER to confirm a value or status change, the previously confirmed value or status shall be restored.

ENTER – pressing ENTER takes you to the menu level, where value changes can be made, and you can reach the submenu using ENTER. Value or status adjustments can also by confirmed by pressing ENTER. ▲ and ▼ – these select the individual menu options in the selection menu (DMX address, mode, etc.) and in the submenus. They allow you to change the value of a menu option (e.g., DMX address) as desired.

10 MIC

Microphone for music control mode.

11 TILT

Knurled screw for tilting when used as uplight. The twin mounting bracket can be removed for a more subtle look.

12 RUBBER FEET

Four rubber feet for stability.

13 SAFETY EYEBOLT

Safety eyebolt for securing the spotlight on crossbeam installations.

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

OPERATION

NOTES

• After the spotlight is switched on, "Welcome to Cameo," the model name, and the software version are shown one after the other on the display during the start-up process. Once the process is complete, the spotlight is ready for use and resumes whichever mode was most recently activated.

• Hold down the MENU button for approx. 2 seconds to directly access the main display from the lower menu levels.
If there is no input within approx. two minutes, the main display is automatically activated. Briefly press MENU to go up one level in the submenus.

• Press MENU and ENTER at the same time to go directly to the last edited menu option.

• Starting from the main display, briefly press the ▲ button to rotate the information in the display 180°.

• To quickly change a value (e.g., DMX start address), hold down the ▲ or ▼ button.

• If the internal battery is charged while the spotlight is switched off, the battery symbol appears ▯▯▯▯▯ in the middle of the display and the charging status is shown by the corresponding segment flashing. The flashing stops once the battery is fully charged.

MAIN DISPLAY DMX MODE

The **DMX address** and the currently configured DMX start address (e.g., **001**) are shown on the display. If the DMX Delay function is activated, the delay group and the delay time are also displayed. The battery's charging status is shown in five segments in the upper-right corner of the display. When the spotlight is operated with a supply voltage, the internal battery is charged at the same time and a lightning symbol appears next to the battery symbol.

```
        ▮▮▮▮▯⚡
   DMX Address
       001
Gr 1          2.0s
```

MAIN DISPLAY STAND-ALONE MODE

The display shows the currently activated stand-alone mode (Mode Auto, Mode Sound, Mode Static, Mode Color Preset, Mode User Color, Mode Loop). The battery's charging status is shown in five segments in the upper-right corner of the display. When the spotlight is operated with a supply voltage, the internal battery is charged at the same time and a lightning symbol appears next to the battery symbol.

```
     ▮▮▮▮▯⚡        ▮▮▮▮▯⚡        ▮▮▮▮▯⚡        ▮▮▮▮▯⚡        ▮▮▮▮▯⚡        ▮▮▮▮▯⚡
   Mode         Mode         Mode         Mode         Mode         Mode
   Auto         Sound        Static    Color Preset  User Color     Loop
```
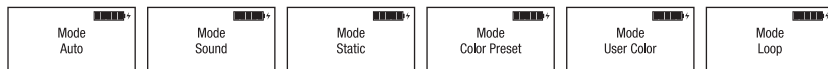
MAIN DISPLAY SLAVE MODE

Mode Slave is shown on the display. If the slave unit is assigned to a slave group, the slave group and delay time set on the master unit in the stand-alone modes Auto and Loop are also displayed. The battery's charging status is shown in five segments in the upper-right corner of the display. When the spotlight is operated with a supply voltage, the internal battery is charged at the same time and a lightning symbol appears next to the battery symbol.

```
        ▮▮▮▮▯⚡
   Mode
   Slave
Gr 1          2.0s
```

CONFIGURING THE DMX START ADDRESS

You can access the main menu by pressing MENU. Using the ▲ and ▼ buttons, now select the **DMX Address** menu option and press EN-TER to confirm your selection. You can now set the DMX start address as desired using ▲ and ▼. Press enter to confirm your selection and then press MENU once (1×) to return to the main screen. If there is no input within approx. two minutes, the main display is automatically activated.

```
--------Menu-------       ----DMX Address----
▶ DMX Address             ▶ D┌──────────┐
  DMX Mode                  D│ 001 - 512│
  DMX Delay                  └──────────┘
  Stand Alone               DMX Delay
  Slave
  Settings
  System Info
```

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX
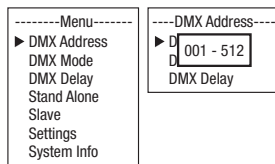
SETTING DMX MODE

You can access the main menu by pressing MENU. Using the ▲ and ▼ buttons, now select the **DMX Mode** menu option and press ENTER to confirm your selection. Use ▲ and ▼ again to select the desired DMX mode and press ENTER to confirm your selection. Press the MENU once (1×) to return to the main screen. If there is no input within approx. two minutes, the main display is automatically activated. You can find tables on channel assignment in the different DMX modes in these instructions under DMX CONTROL.

```
--------Menu-------
  DMX Address
▶ DMX Mode
  DMX Delay
  Stand Alone
  Slave
  Settings
  System Info
```

```
----DMX Address----
  D
▶ D   ▶ 3CH
  D     5CH1
        5CH2
        6CH
        7CH
        10CH
```
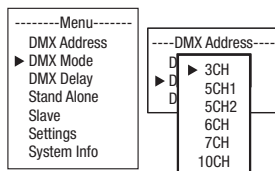
DMX DELAY

The DMX Delay function allows a chaser light effect to be easily created with any number of spotlights of the same model and software version, which could otherwise only be achieved with a suitable DMX controller and complex programming. All spotlights integrated into the setup are set to the same DMX mode and controlled with the same DMX start address.

On the one hand, the delay time (delay time of DMX signal) can be set manually on each spotlight with a different delay time (DMX Delay by DMX? No). On the other hand, the connected DMX controller on a specially reserved DMX channel can be used to set the same delay time for all spotlights (DMX Delay by DMX? Yes).

Starting from the main display, press MENU to go to the main menu. Using the ▲ and ▼ buttons, now select the **DMX Delay** menu option and press ENTER to confirm your selection. Use the ▲ and ▼ buttons again to select the desired submenu option, press ENTER to confirm ENTER to confirm all entries.

```
--------Menu-------
  DMX Address
  DMX Mode
▶ DMX Delay
  Stand Alone
  Slave
  Settings
  System Info
```

```
-------Delay-------
▶ Group        0
  by DMX?      No
  Delay      0.0 s
```

```
-------Delay-------
▶ G            0
  b  0–15      No
  Delay      0.0 s
```

```
-------Delay-------
  G    ▶ No    0
▶ b      Yes   No
  Delay      0.0 s
```

```
-------Delay-------
  G    ▶ No    0
▶ b      Yes   No
  Delay      0.0 s
```

```
-----By DMX?-----
⌐Warning! Delay⌐
 is controllable
⌐ by DMX now! ⌐
```

```
-------Delay-------
  Group        0
▶ by DMX?     Yes
```

```
-------Delay-------
  G            0
  b 0.0 s–2.0 s No
▶ Delay     0.0 s
```
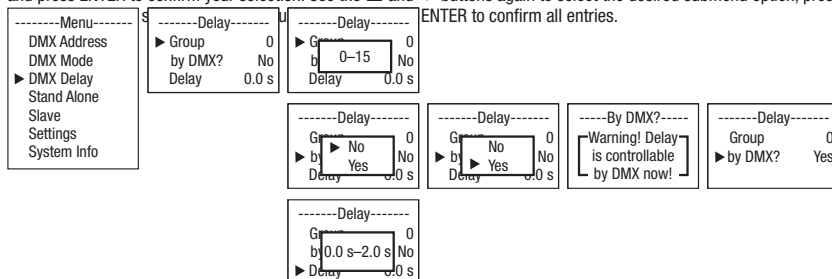
Assign the spotlight to one of 15 groups (maximum number of groups depending on the activated DMX mode). Several spotlights can also be assigned to one group. The group number is also the factor by which the set delay time is multiplied (see setup examples).

	Spotlight(group) 0 No delay	Spotlight(group) 1 1.5 s delay	Spotlight(group) 2 3 s delay	Spotlight(group) 3 4.5 s delay	Spotlight(group) 4 6 s delay	Spotlight(group) 5 7.5 s delay

```
     DMX
  Controller
```

```
-------Delay-------
▶ Group        0
  by DMX?      No
  Delay      0.0 s
```

```
-------Delay-------
▶ Group        1
  by DMX?      No
  Delay      1.5 s
```

```
-------Delay-------
▶ Group        2
  by DMX?      No
  Delay      1.5 s
```

```
-------Delay-------
▶ Group        3
  by DMX?      No
  Delay      1.5 s
```

```
-------Delay-------
▶ Group        4
  by DMX?      No
  Delay      1.5 s
```

```
-------Delay-------
▶ Group        5
  by DMX?      No
  Delay      1.5 s
```

```
-------Delay-------
▶ Group        3
  by DMX?      No
  Delay      1.5 s
```

```
-------Delay-------
▶ Group        3
  by DMX?      No
  Delay      1.5 s
```

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

| Spotlight(group) 0 No delay | Spotlight(group) 1 0.5 s delay | Spotlight(group) 2 1 s delay | Spotlight(group) 3 1.5 s delay | Spotlight(group) 4 2 s delay | Spotlight(group) 5 2.5 s delay |

```
┌─────────────┐ ┌──────────────┐ ┌──────────────┐ ┌──────────────┐ ┌──────────────┐ ┌──────────────┐
│ DMX         │ │ ------Delay-----│ │ ------Delay-----│ │ ------Delay-----│ │ ------Delay-----│ │ ------Delay-----│
│ Controller  │ │ ► Group    0 │ │ ► Group    1 │ │ ► Group    2 │ │ ► Group    3 │ │ ► Group    4 │ │   Group    5 │
│ DMX Delay   │ │  by DMX?  Yes│ │  by DMX?  Yes│ │  by DMX?  Yes│ │  by DMX?  Yes│ │  by DMX?  Yes│ │  by DMX?  Yes│
│ 0.5 s       │ └──────────────┘ └──────────────┘ └──────────────┘ └──────────────┘ └──────────────┘ └──────────────┘
└─────────────┘

                                                  ┌──────────────┐
                                                  │ ------Delay-----│
                                                  │ ► Group    3 │
                                                  │  by DMX?   No│
                                                  └──────────────┘

                                                  ┌──────────────┐
                                                  │ ------Delay-----│
                                                  │   Group    3 │
                                                  │ ► by DMX?  Yes│
                                                  └──────────────┘
```

STANDALONE MODE AUTO/SOUND

The 6 available auto-programmes each comprise non-editable color-change sequences. Brightness, speed, music-control with microphone sensitivity and delay (signal delay) are separately adjustable in each programme.

Starting from the main display, press MENU to enter the main menu. Now use ▲ and ▼ to select the menu item **Stand Alone** and confirm with ENTER. Again use ▲ and ▼ to select standalone mode **Auto** and confirm with ENTER. Now use the ▲ and ▼ to select the desired programme (programme 1 to 6) and confirm with ENTER.

```
┌──────────────┐ ┌──────────────┐ ┌──────────────┐ ┌──────────────┐
│ --------Menu-------│ │ ----Stand Alone----│ │ ----Auto Mode----│ │ -----Program x-----│
│ DMX Address  │ │ ► Auto       │ │ ► Program 1  │ │ ► Dimmer  0 - 100│
│ DMX Mode     │ │   Static     │ │    |         │ │  Speed    0 - 100│
│ DMX Delay    │ │   Color Preset│ │   Program 6  │ │  Sound   Off / On│
│ ► Stand Alone│ │   User Color │ │              │ │  Sens     0 - 100│
│   Slave      │ │   Loop       │ │              │ │  Delay 0.0s - 2.0s│
│   Settings   │ └──────────────┘ └──────────────┘ └──────────────┘
│   System Info│
└──────────────┘
```
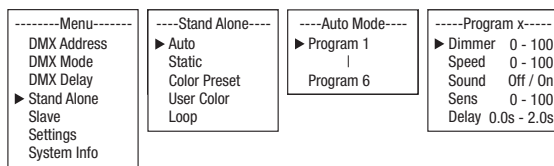
This will take you to the submenu for setting the submenu items (see table, select with ▲ and ▼, confirm with ENTER, change value or status with ▲ and ▼, confirm with ENTER). The settings for each programme are made separately and are retained even after restarting the device.

STANDALONE MODE AUTO/SOUND (PROGRAMME 1 to PROGRAMME 6)			
Dimmer	Sets brightness	0–100	
Speed	Sets running speed	0–100	
Sound	Activates/deactivates music-control	Off	Deactivates music-control
		On	Activates music-control
Sens	Sets microphone sensitivity	0–100	
Delay	Delay time for slave groups	0.0 s to 2.0 s	

STANDALONE MODE STATIC

The standalone mode static allows the dimmer, strobe, R, G, B and W values to be set directly on the device, with values between 000 and 255, in a similar way to with a DMX controller. In this way, an individual scene can be created without an additional DMX controller.

Starting from the main display, press MENU to enter the main menu. Now use ▲ and ▼ to select the menu item **Stand Alone** and confirm with ENTER. Again use ▲ and ▼ to select standalone mode **Static** and confirm with ENTER. Using ▲ and ▼, now select the menu item that you wish to edit and confirm with ENTER. You can use ▲ and ▼ to configure the desired value between 000 and 255. Confirm all entries with ENTER.

```
--------Menu-------      ----Stand Alone----      ----Static Mode----
  DMX Address             Auto                    ▶ Dimmer    0–255
  DMX Mode               ▶ Static                   Strobe    0–255
  DMX Delay               Color Preset              Red       0–255
▶ Stand Alone             User Color                Green     0–255
  Slave                   Loop                      Blue      0–255
  Settings                                          White     0–255
  System Info
```

COLOR PRESET STAND-ALONE MODE

15 different color presets plus Jump and Fade are available as presets; the brightness can be configured separately for each preset, as well as the operating speed for Jump and Fade.

Starting from the main display, press MENU to go to the main menu. Using the ▲ and ▼ buttons, now select the **Stand Alone** menu option and press ENTER to confirm. Use ▲ and ▼ again to select the stand-alone mode **Color Preset** and press ENTER to confirm your selection. Now use ▲ and ▼ to select the color you want as a preset and press ENTER to confirm your selection (Off = Blackout; Speed refers to Jump and Fade). You can set the brightness as desired from 000 to 100 using ▲ and ▼. Confirm with ENTER.

```
--------Menu-------      ----Stand Alone----      ----Color Preset----
  DMX Address             Auto                    ▶ Off
  DMX Mode                Static                    Red        0–100    Cyan       0–100    Blue        0–100    White      0–100    Cold White  0–100
  DMX Delay              ▶ Color Preset             Amber      0–100    Lavender   0–100    Mauve       0–100    Jump       0–100    Fade        0–100
▶ Stand Alone             User Color                Yel Warm   0–100    Magenta    0–100    Pink        0–100    Speed      0–100
  Slave                   Loop                      Yellow     0–100
  Settings                                          Green      0–100
  System Info                                       Turquoise  0–100    Warm White 0–100
```

USER COLOR STAND-ALONE MODE

The stand-alone mode User Color makes it possible to save the overall brightness, strobe, and a color mix of R, G, B, and W to four individual color presets directly on the device.

Starting from the main display, press MENU to go to the main menu. Using the ▲ and ▼ buttons, now select the **Stand Alone** menu option and press ENTER to confirm your selection. Use ▲ and ▼ again to select the stand-alone mode **User Color** and press ENTER to confirm your selection. Now use ▲ and ▼ to select the desired preset (Color 1–Color 4) and press ENTER to confirm. Now use ▲ and ▼ to select the menu option you would like to change and press ENTER to confirm your selection. You can set the value as desired from 000 to 255 using ▲ and ▼. The strobe effect values correspond to the values in channel 2 of DMX table 5 CH mode 1 and channel 3 of table 10 CH mode. Press ENTER to confirm all entries.

```
--------Menu-------      ----Stand Alone----      ----User Color----
  DMX Address             Auto                    ▶ Color 1
  DMX Mode                Static                        |                -------Color x-------
  DMX Delay               Color Preset              Color 4             ▶ Dimmer   0–255
▶ Stand Alone            ▶ User Color                                     Strobe   0–255
  Slave                   Loop                                            Red      0–255
  Settings                                                                Green    0–255
  System Info                                                             Blue     0–255
                                                                          White    0–255
```

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

LOOP STAND-ALONE MODE

The stand-alone Loop mode allows up to four different color change programs to be individually designed, saved, and reproduced. Brightness, step time, fade time, and delay (signal delay) can be set separately.

Starting from the main display, press MENU to go to the main menu. Using the ▲ and ▼ buttons, select the Stand Alone menu option and press ENTER to confirm your selection. Use ▲ and ▼ again to select the stand-alone
mode Loop and press ENTER to confirm. Now use ▲ and ▼ to select the desired loop (Loop 1–Loop 4)
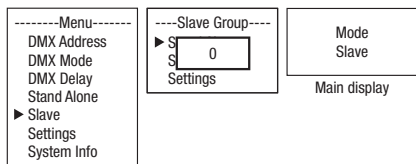and press ENTER to confirm your selection.

```
--------Menu-------       ----Stand Alone----       ----Loop Mode----        ---------Loop x---------
DMX Address               Auto                      ▶ Loop 1                  ▶ Dimmer      0–100
DMX Mode                  Static                         |                     Steptime 0.1 s–10.0 s
DMX Delay                 Color Preset              Loop 4                     Fadetime  0%–100%
▶ Stand Alone             User Color                                          Delay     0.0 s–2.0 s
Slave                     ▶ Loop                                              1st step         Red
Settings                                                                      2nd step       Green
System Info                                                                   3rd step       Black
                                                                              4th step       -------
```

This will take you to the submenu for setting the submenu options (see table, use ▲ and ▼ to select, press ENTER to confirm, use ▲ and ▼ to change the value or status, press ENTER to confirm). The settings are made separately for each loop and are retained even after restarting the device.

STANDALONE MODE LOOP (Loop 1–4)		
Dimmer	Sets brightness	0–100
Step time	Sets step time	0.1 s to 10.0 s
Fade time	Sets fade time in percent	0% to 100%
Delay	Delay time for slave groups	0.0 s to 2.0 s
1st step	15 colors from Color Preset	Red to CW (Cold White)
	4 colors from User Color	User 1 to User 4
	Blackout	Blackout
2nd step	"	"
3rd step	15 colors from Color Preset	Red to CW (Cold White)
	4 colors from User Color	User 1 to User 4
	Blackout	Blackout
	-------	Skip step
4th step	"	"

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

SLAVE MODE

Standard Slave mode: Starting from the main display, press MENU to go to the main menu. Using the ▲ and ▼ buttons, now select the **Slave** menu option, press ENTER to confirm your selection, then select Slave Group 0, and press enter once again to confirm. Connect the slave and master unit (same model, same software version) using a DMX cable, and activate one of the stand-alone modes on the master unit (Auto, Static, Color Preset, User Color, Loop). The slave unit will now follow the master unit precisely.

```
--------Menu-------        ----Slave Group----            Mode
DMX Address             ▶ S                               Slave
DMX Mode                  S      0
DMX Delay                 Settings
Stand Alone                                            Main display
▶ Slave
  Settings
  System Info
```

Advanced slave mode: If you want to control the slave units in master/slave mode using one of the stand-alone modes **Auto** or **Loop**, the control signal can be reproduced with a time delay of up to 15 levels. The delay time can be set in the **Delay** submenu option in the respective stand-alone mode, and the delay factor for the corresponding slave unit can be set in the slave menu. This allows a chaser light effect to be easily created with any number of spotlights of the same model and software version, which could otherwise only be achieved with a suitable DMX controller and complex programming.

```
--------Menu-------        ----Slave Group----            Mode
DMX Address             ▶ Stand Alone                     Slave
DMX Mode                  S    1–15               Gr 1            2.0s
DMX Delay                 Settings
Stand Alone                                            Main display
▶ Slave                                             with group number
  Settings                                          and delay time in the
  System Info                                          master unit
```
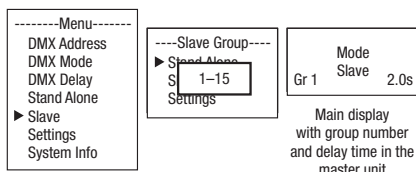
Assign the spotlight to one of 15 groups as you like. Several spotlights can also be assigned to one group. The group number is also the factor by which the set delay time on the master unit is multiplied (see setup example).

	Slave Group 0 No delay	Slave Group 1 0.5 s delay	Slave Group 2 1 s delay	Slave Group 3 1.5 s delay	Slave Group 4 2 s delay	Slave Group 5 2.5 s delay

```
Master unit        Mode            Mode             Mode             Mode              Mode              Mode
Auto program 1     Slave           Slave     0.5    Slave     0.5    Slave      0.5    Slave      0.5    Slave      0.5
Delay 0.5 s                   Gr 1           s  Gr 2          s  Gr 3           s  Gr 4           s  Gr 5           s

                                                                    Mode
                                                                    Slave
                                                              Gr 3          0.5
                                                                            s

                                                                    Mode
                                                                    Slave
                                                              Gr 3          0.5
                                                                            s
```
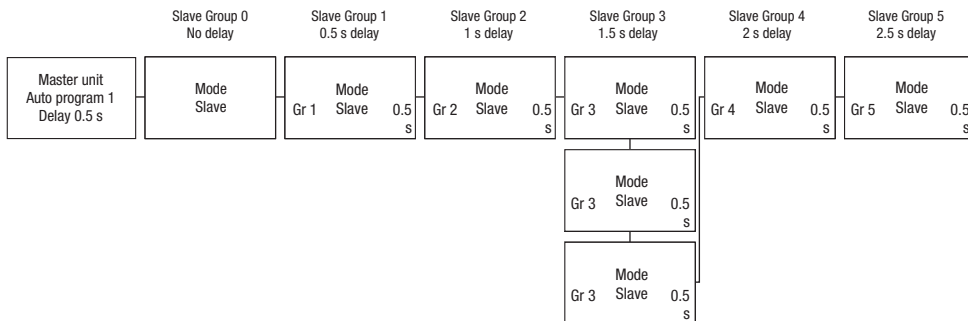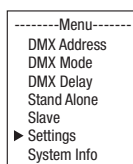
SYSTEM SETTINGS (Settings)

Starting from the main display, press MENU to go to the main menu. Using the ▲ and ▼ buttons, now select the **Settings** menu option and press ENTER to confirm your selection.

```
--------Menu-------
  DMX Address
  DMX Mode
  DMX Delay
  Stand Alone
  Slave
▶ Settings
  System Info
```

This will take you to the submenu for setting the submenu options (see table, use ▲ and ▼to select, press ENTER to confirm, use ▲ and ▼ to change the value or status, press ENTER to confirm).

13

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

Settings				
Disp Rev	=	Rotates display	No	Display does not rotate
			Yes	Display rotates 180° (e.g., for overhead installation)
Disp Back	=	Display backlight	Off	Deactivates after approx. 30 seconds of inactivity
			On	Permanently on
Sig Fail	=	Operating status if DMX signal is lost Master/Slave?	Hold	Last command is held
			Black	Activates blackout
			User 1	User Color 1 is activated
Power Mode	=	Battery life and LED brightness setting	STD	Standard setting with maximum brightness
			ECO	Extended battery life at approx. 50% brightness
IR Remote	=	Activates or deactivates control via IR remote control	On	Activates control via the IR remote
			Off	Deactivates control via the IR remote
Sound	=	Adjusts the way the music control works	Last	Color is kept until next pulse
			Off	Color disappears after a short while until the next pulse
PWM	=	LED PWM frequency	650 Hz, 1530 Hz, 2150 Hz, 4000 Hz	Selects the LED PWM frequency
Calibration (CLROOTPAR4)	=	Color calibration	Red, Green, Blue, White	Individual color calibration. Cross-mode brightness setting of the 4 LED groups RGBW with values from 0–255
Calibration (CLROOTPAR6)	=	Color calibration	Red, Green, Blue, White, Amber, UV	Individual color calibration. Cross-mode brightness adjustment of the 6 LED groups RGBWA+UV with values of 0–255
Reset	=	Resets settings	Factory	Resets to factory settings: Press ENTER to reset, MENU to cancel
			Preset A	Resets to Preset A: Press ENTER to reset, MENU to cancel
			Preset B	Resets to Preset B: Press ENTER to reset, MENU to cancel
			Preset C	Resets to Preset C: Press ENTER to reset, MENU to cancel
Edit Preset	=	Saves all system settings in 3 individual presets	Preset A	Press ENTER to save
			Preset B	Press ENTER to save
			Preset C	Press ENTER to save
Service	=	Only for servicing purposes		

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

SYSTEM INFORMATION (System Info)

Starting from the main display, press MENU to go to the main menu. Using ▲ and ▼, now select the **System Info** menu option and press EENTER to confirm your selection.

```
--------Menu-------
   DMX Address
   DMX Mode
   DMX Delay
   Stand Alone
   Slave
   Settings
▶ System Info
```

This will take you to the submenu which will let you access system information (see table, use ▲ and ▼ to select, press ENTER to confirm, use ▲ and ▼ to change status, press ENTER to confirm).

System Info				
Firmware	=	Displays the device firmware	Firmware V1.xx	
Temperature	=	Displays temperature of the LED unit	LED	xxx°C / xxx°F
			Unit	°C (= displays in degrees Celsius)
				°F (= displays in degrees Fahrenheit)
Op Hours	=	Displays operating time	xx:xx h	Displays the total operating time in hours and minutes

IR REMOTE CONTROL (optional)

Aim the infrared remote control directly, within line-of-sight, at the infrared sensor installed on the front side of the spotlight. The maximum range is approx. 8 meters. The spotlight's sensor is deactivated in DMX and slave mode. The infrared remote control directly controls the internal stand-alone modes **Auto / Sound, Static,** and **Color Preset**.

BL / ON/OFF (Blackout)

The BL (Blackout) button switches off all LEDs, regardless of which mode is activated via the remote control. Press the BL button again to reactivate the previously selected mode.

SP (Speed)

6-speed setting for the color change programs: Color Jumping (Ju), Color Fading (Fa), and Auto Program (Au). 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, 4, 5, and 6, where level 6 is the fastest sequence of color changes.

☼ (Brightness)

Set the overall brightness in 6 steps. Press this button several times (Step 1 = blackout) to access the different brightness levels.

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

FL (Flash/Strobe)

Speed setting for the strobe effect in 6 steps. Step 1 deactivates the strobe effect, step 2 produces a slow frequency followed by steps 3 to 5. Step 6 produces the fastest flash frequency. The strobe effect can only be used in RGBW color mixing mode.

R / G / B / W

Individual color mixes can be created using these 4 buttons. The 6 brightness levels can be accessed by pressing the respective color button again, where level 1 means that the LEDs are switched off. Example: If you set red and green to their respective maximum levels and the other LEDs to their lowest (off), then you will have a color mix of light yellow.

Ju (Color change)

The color changes rapidly (color jumping). The color-changing speed can be set with the SP button (Speed).

Fa (Fade)

Colors fade into each other (color fading). The color-changing speed can be set with the SP button (Speed).

Au (Automatic mode)

Repeatedly press the Au button to select the desired color change program Auto 1–6.

Su (Music-controlled color change programs)

Repeatedly press the Su button to select one of the 6 music-controlled programs Sound 1–6. The control microphone is located on the back of the spotlight.

CM (Color macros)

Use the CM+ and CM- buttons to successively access fifteen color presets.

Pr+/Pr-

Select programs in automatic mode (Au) and in music control (Su).

SETUP AND INSTALLATION

Thanks to the convenient twin mounting bracket, the spotlight can be placed in a suitable location on a flat 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 fixing eyelet on the back of the spotlight using a suitable safety eyebolt.

Warning: 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. There is a risk that incorrectly installed and secured devices may become loose and fall down. This can seriously injure or kill people.

To achieve more subtle looks for uplights, the twin mounting bracket can be removed by loosening the two handle screws (B).

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

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:
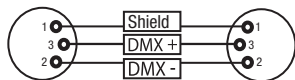
DMX cable with 5-pin XLR connectors (pin 4 and 5 are not used):
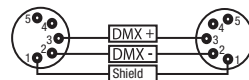
DMX TERMINATORS (TERMINATING RESISTORS)
To prevent system errors, the last device in a DMX chain needs to be equipped with a terminating resistor (120 ohm, 1/4 Watt).
3-pin XLR connector with a terminating resistor: K3DMXT3
5-pin XLR connector with a terminating resistor: K3DMXT5

Pin Assignment
3-pin XLR connector:
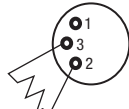
5-pin XLR connector:
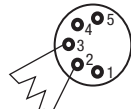
DMX ADAPTER
The combination of DMX devices with 3-pin connectors and DMX devices with 5-pin connectors in a DMX chain is possible with suitable adapters.

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 DATA

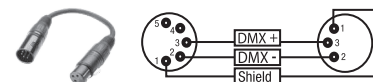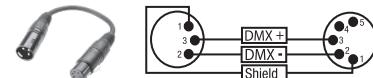| Article number:	CLR00TPARBAT
Product type:	LED battery spotlight
Type:	PAR spotlight
Color spectrum:	RGBW
Number of LEDs:	5
LED type:	4 W
LED PWM frequency:	650 Hz, 1530 Hz, 2150 Hz, 4000 Hz (adjustable)
Beam angle (half peak angle):	33° (20°)
DMX input:	3-pin male
DMX output:	3-pin female
DMX modes:	3-channel, 5-channel 1, 5-channel 2, 6-channel, 7-channel, 10-channel
DMX functions:	Dimmer, fine dimmer, strobe, red, green, blue, white, color macros, running light selection, DMX delay, microphone sensitivity
Controller:	DMX512, IR remote control, W-DMX (via optional iDMX stick)
Stand-alone functions:	Auto programs, sound programs, static, color presets, user colors, loop function
Control elements:	Mode, Enter, Up, Down
Display elements:	OLED display
Operating voltage:	100–240 V AC / 50–60 Hz
Power consumption (max.):	75 W (when ALL LED @FULL ON and battery is charged) 24 W when battery is full and ALL LED @FULL ON
Illumination intensity (@1 m/@3 m):	8000 lx / 806 lx
Luminous flux:	1000 lm
Power supply connection:	INPUT: Blue Power Twist power socket OUTPUT: White Power Twist power socket (max. 8 A)
Fuse:	F3A / 250 V (5 × 20 mm)
Battery:	Li-ion, 4400 mAH, 22.2 V, 97.7 WH
Ambient temperature (in operation):	0°C to 40°C
Relative humidity:	< 75%, non-condensing
Housing color:	Black
Housing material:	ABS plastic
Housing cooling:	Convection cooling
Dimensions (W × H × D, without mounting bracket):	195 × 156 × 195 mm
Weight (incl. mounting bracket):	2.5 kg
Additional features:	Power cable included in the package contents and IR remote control available as optional accessory (CLPFLAT1REMOTE). iDMX stick for W-DMX™ connection available as an option (CLIDMXSTICK)

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

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.

Printing errors and mistakes, as well as technical or other changes are reserved!

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

DMX

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

EN	The **DMX Delay** channel is only activated in DMX modes when menu item **DMX Delay** is set to **by DMX? Yes**.
DE	Der Kanal **DMX Delay** ist in den DMX-Modi nur aktiviert, wenn im Menüpunkt **DMX Delay** unter **by DMX? Yes** eingestellt ist.
FR	Le décalage DMX de canal n'est activé dans le mode DMX que lorsque l'option DMX Delay est réglée sur Yes **sous by DMX ?.**
ES	El canal **DMX Delay** solo está activado en los modos DMX si en la opción de menú **DMX Delay**, en **by DMX?**, está ajustada la opción **Yes**.
PL	Kanał **DMX Delay** jest aktywowany w trybach DMX tylko wtedy, gdy w pozycji menu **DMX Delay** w opcji **by DMX?** zostanie ustawiona wartość **Yes**.
IT	Il canale **DMX Delay** è attivo in modalità DMX solo se nella voce di menu **DMX Delay** l'opzione **by DMX?** è impostata su **Yes**.

3-Channel Mode						
Ch.	**Function**		**Values**			**Sub-Group**
1	Dimmer	000	-	255	0% to 100%	**Dimmer**
2	Color Presets & Color Jumping & Color Fading & User Colors	000	-	005	Color off	**Color Preset**
		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	-	164	Color Jumping speed slow -> fast / Color 1 -> 12	
		165	-	201	Color Fading speed slow -> fast / Color 1 -> 12	
		202	-	207	User Color_1	
		208	-	213	User Color_2	
		214	-	219	User Color_3	
		220	-	225	User Color_4	
		226	-	255	no function	
3	DMX Delay	000	-	005	No Delay	**DMX Delay**
		006	-	255	0,1s -> 2,0s	

111

5-Channel Mode 1					
Ch.	Function	Values			Sub-Group
1	Dimmer	000	-	255	0% to 100%	**Dimmer**

Ch.	Function	Values				Sub-Group
1	Dimmer	000	-	255	0% to 100%	**Dimmer**
2	Strobe functions	000	-	005	Strobe open	**Multifunctional Strobe**
		006	-	010	Strobe closed	
		011	-	022	Ramp up/down, slow -> fast	
		023	-	033	Ramp up/down random, slow->fast	
		034	-	045	Ramp up, slow -> fast	
		046	-	056	Ramp up random, slow -> fast	
		057	-	068	Ramp down, slow -> fast	
		069	-	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	
		251	-	255	Strobe open	
3	Color Presets & Color Jumping & Color Fading & User Colors	000	-	005	Color off	**Color Preset**
		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	-	164	Color Jumping speed slow -> fast / Color 1 -> 12	
		165	-	201	Color Fading speed slow -> fast / Color 1 -> 12	
		202	-	207	User Color_1	
		208	-	213	User Color_2	
		214	-	219	User Color_3	
		220	-	225	User Color_4	
		226	-	255	no function	
4	Sound (triggers Strobe, Color Jumping & Fading)	000	-	005	Sound Control off	**Sound**
		006	-	255	Sound Control on, mic sensitivity low -> high	
5	DMX Delay	000	-	005	No Delay	**DMX Delay**
		006	-	255	0,1s -> 2,0s	

112

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

5-Channel Mode 2					
Ch.	Function	Values			Sub-Group
1	Red	000	-	255	0% to 100%	Red
2	Green	000	-	255	0% to 100%	Green
3	Blue	000	-	255	0% to 100%	Blue
4	White	000	-	255	0% to 100%	White
5	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

6-Channel Mode					
Ch.	Function	Values			Sub-Group
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Strobe	000	-	005	Strobe open	Strobe
		006	-	255	Strobe slow -> fast <1Hz - 20Hz	
3	Chase of Ch 4 and Ch 5	000	-	005	No Chase, Color Preset 1 is on	Chase
		006	-	026	Jump 10,0s -> 4,0s	
		027	-	127	Jump 4,0s -> 0,1s	
		128	-	148	Fade 10,0s -> 4,0s	
		149	-	255	Fade 4,0s -> 0,1s	
4	Color Presets 1	000	-	005	Color off	Color Preset 1
		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	-	201	no function	
		202	-	207	User Color_1	
		208	-	213	User Color_2	
		214	-	219	User Color_3	
		220	-	225	User Color_4	
		226	-	255	no function	
5	Color Presets 2	000	-	255	same as Color Presets 1	Color Preset 2
6	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

7-Channel Mode					
Ch.	Function	Values			Sub-Group
1	Dimmer	000	-	255	0% to 100%	Dimmer

113

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

2	Strobe	000	-	005	Strobe open	**Strobe**
		006	-	255	Strobe slow -> fast <1Hz - 20Hz	
3	Red	000	-	255	0% to 100%	**Red**
4	Green	000	-	255	0% to 100%	**Green**
5	Blue	000	-	255	0% to 100%	**Blue**
6	White	000	-	255	0% to 100%	**White**
7	DMX Delay	000	-	005	No Delay	**DMX Delay**
		006	-	255	0,1s -> 2,0s	

10-Channel Mode						
Ch.	**Function**	**Values**				**Sub-Group**
1	Dimmer	000	-	255	0% to 100%	**Dimmer**
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe functions	000	-	005	Strobe open	**Multifunctional Strobe**
		006	-	010	Strobe closed	
		011	-	022	Ramp up/down, slow -> fast	
		023	-	033	Ramp up/down random, slow->fast	
		034	-	045	Ramp up, slow -> fast	
		046	-	056	Ramp up random, slow -> fast	
		057	-	068	Ramp down, slow -> fast	
		069	-	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	
		251	-	255	Strobe open	
4	Red	000	-	255	0% to 100%	**Red**
5	Green	000	-	255	0% to 100%	**Green**
6	Blue	000	-	255	0% to 100%	**Blue**
7	White	000	-	255	0% to 100%	**White**
8	Color Presets & Color Jumping & Color Fading & User Colors (override RGBW)	000	-	005	Color off	**Color Preset**
		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	-	164	Color Jumping Speed slow -> fast / Color 1 -> 12	
		165	-	201	Color Fading Speed slow -> fast / Color 1 -> 12	

8	Color Presets & Color Jumping & Color Fading & User Colors (override RGBW)	202	-	207	User Color_1	Color Preset
		208	-	213	User Color_2	
		214	-	219	User Color_3	
		220	-	225	User Color_4	
		226	-	255	no function	
9	Sound (triggers Strobe, Color Jumping & Fading)	000	-	005	Sound Control off	Sound
		006	-	255	Sound Control on, mic sensitivity low -> high	
10	DMX Delay	000	-	005	No Delay	DMX Delay
		006	-	255	0,1s -> 2,0s	

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

CAMEOLIGHT.COM

REV: 02