



Cameleon Flood 7 RGB

ORDERCODE 42689



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from Showtec.
The Showtec Cameleon Flood 7 RGB brings excitement to any venue.

You can rely on Showtec, for more excellent lighting products.
We design and manufacture professional light equipment for the entertainment industry.
New products are being launched regularly. We work hard to keep you, our customer, satisfied.
For more information: iwant@showtec.info

You can get some of the best quality, best priced products on the market from Showtec.
So next time, turn to Showtec for more great lighting equipment.
Always get the best -- with Showtec !

Thank you!



Warning2
Safety Instructions2
Operating Determinations4
Rigging4
Return Procedure5
Claims5

Description of the device6
Overview6
Backside7
Optional Accessories8

Installation9

Set Up and Operation9
Control Modes9
One Cameleon Flood (Auto run programs)9
One Cameleon Flood (Built-in Programs)9
One Cameleon Flood (Static color control)9
One Cameleon Flood (Manual color control)9
One Cameleon Flood (NO Sound-control)9
Multiple Cameleon Floods (Master/Slave control)10
Multiple Cameleon Floods (DMX Control)11
Fixture Linking12
Data Cabling12
DMX Control Mode12
DMX Addressing12
Operation via the remote (72704) not included13
1. Auto Run Mode13
2. Built-in Program Mode13
3. Sound-active Mode (no function)13
4. Slave Mode13
5. DMX Mode14
6. Static Color Mode14
7. Manual Color Mode14
8. Factory Reset14
DMX Channels15
3 Channels15

Maintenance15

Troubleshooting15
No Light15
No Response to DMX15

Product Specification17

Warning

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:

- Cameleon Flood 7 RGB with special 3-pin to IEC powercable 1,35m
- User manual



LED Expected Lifespan

LEDs gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason when all color LEDs are used at their fullest intensity, life of the LEDs is significantly reduced. It is estimated that a viable lifespan of 40,000 to 50,000 hours will be achieved under normal operational conditions. If improving on this lifespan expectancy is of a higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity.



CAUTION!

**Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!**



**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**

Safety Instructions

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual



**CAUTION! Be careful with your operations.
With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires!**



Before your initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never leave any cables lying around.
- Do not insert objects into air vents.
- Do not connect this device to a dimmerpack.
- Do not open the device and do not modify the device.
- Never use the device during thunderstorms, unplug the device immediately.
- Never look directly into the light source.
- Do not switch the device on and off in short intervals, as this would reduce the system's life.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use device indoor, avoid contact with water or other liquids.
- Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.
- Avoid flames and do not put close to flammable liquids or gases.
- Always allow free air space of at least 50 cm around the unit for ventilation.
- Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power-cord is never crimped or damaged. Check the device and the power-cord from time to time.
- If the external cable is damaged, it has to be replaced by a qualified technician.
- If the lens is obviously damaged, it has to be replaced. So that its functions are not impaired, due to cracks or deep scratches.
- If device is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your Showtec device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
- For adult use only. Light effect must be installed out of the reach of children. Never leave the unit running unattended.
- For replacement use fuses of same type and rating only.
- The user is responsible for correct positioning and operating of the Cameleon Flood 7. The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
- This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.



CAUTION ! EYEDAMAGES !
Avoid looking directly into the light source.
(meant especially for epileptics) !



Operating Determinations

- This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- The minimum distance between light-output and the illuminated surface must be more than 1.5 meter.
- The maximum ambient temperature $t_a = 45^\circ\text{C}$ must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of 45°C .
- If this device is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

You endanger your own safety and the safety of others!

Improper installation can cause serious damage to people and property !

Rigging

Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.

Do not attempt the installation yourself !

Always let the installation be carried out by an authorized dealer !

Procedure:

- If the Cameleon Flood 7 is lowered from the ceiling or high joists, professional trussing systems have to be used.
- Use a clamp to mount the Cameleon Flood 7, with the mounting-bracket, to the trussing system.
- The Cameleon Flood 7 must never be fixed swinging freely in the room.
- The installation must always be secured with a safety attachment, e.g. an appropriate safety net or safety-cable.
- When rigging, derigging or servicing the device, always make sure, that the area below the installation place is blocked and staying in the area is forbidden.



The Cameleon Flood can be mounted in a hanging position (Fig. Above) or Upright (Fig. Below), using the support brackets. Mounting the Cameleon Flood with a clamp or any other mounting bracket is recommended, depending on the requirements of your application.



The Cameleon Flood can be placed on a flat stage floor or mounted to any kind of truss by a clamp. When mounting the Cameleon on a floor, make sure that it is properly fitted or attached to the floor.

Improper installation can cause serious damage to people and property !

Connection with the mains

Connect the device to the mains with the power-plug.

Always pay attention, that the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	FASE
N	BLUE	BLACK	SILVER	NUL
	YELLOW/GREEN	GREEN	GREEN	EARTH

Make sure that the device is always connected properly to the earth!



Return Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

The Showtec Cameleon Flood 7 RGB is a light effect with high output and great effects.

- Control: IR remote (42704), not included !
- XLR 3-pin to mini 3-pin cable (42708) to connect the Cameleon to DMX, not included!
- LED Quantity: 7x 3-in-1 3 Watt RGB LEDs
- DMX Mode: 3 Channels
- Colour range: 16,7 million additive colors
- Input-voltage: 100-240V Autoswitch
- Continuous Power 21 Watt
- RGB Colormixing
- High Power Lightoutput
- IP65 Rating
- Multivoltage Powersupply
- Both indoor and outdoor use
- Stylish design
- Convection cooling which eliminates the use of fans and noise
- Dedicated IP65 Powerconnector
- DMX Connection Dedicated IP65 connector
- Lens Plate: Tempered Glass
- Control: DMX / Auto Program / Master-slave/ IR remote
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Beam Angle: 40 degrees
- Housing: Die Cast Aluminium
- Black Powder Coat Finish
- Cooling: Convection (no fans)
- Linkable
- Mounting bracket included
- Dimensions: 150 x 90 x 70 mm (LxWxH excl. bracket)
- Weight: 1,2 kg

Optional Accessories

42698 Power extensioncable end capset Male/female

42699 DMX extensioncable end cap set Male/female

42705 Power Extension cable 3m for Cameleon series

42706 Power connection cable 3m for Cameleon series

42707 DMX Extension cable 3m for Cameleon series

42708 DMX Input cable 3m for Cameleon series

42709 End Cap for DMX output for Cameleon series

Overview



Fig. 1

- 1) Mountingbracket with adjustment screw
- 2) 9x 3-in-1 9W RGB LEDs

Backside



Fig. 2

- 3) 3-pin mini DMX In
- 4) 3-pin mini DMX Out
- 5) Power Out
- 6) Power IN



Please make sure to obtain the XLR 3-pin to mini 3-pin cable (42708) to connect the device to DMX. Please make sure to also obtain the remote control (42704) to connect the device to DMX.

Optional Accessories



42704 Remote control



42705 Power extension cable 3m



42706 Power connection cable 3m



42707 DMX Extension cable 3m



42708 Special XLR to small 3-pin cable 3m



42709 Endcap (when using the Cameleon outdoors, make sure the last device in a chain has 2 endcaps screwed on the Power Out and DMX Out)

Installation

Remove all packing materials from the Cameleon Flood 7. Check that all foam and plastic padding is removed. Connect all cables.

Always disconnect from electric mains power supply before cleaning or servicing.

Damages caused by non-observance are not subject to warranty.

Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode.

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

Damages caused by non-observance are not subject to warranty.

Control Modes

FUNCTIONS:

There are 7 modes:

- Auto run
- Built-in programs
- Static Color Mode
- Manual Color Mode
- Sound-active (No function)
- Master/Slave
- DMX512

One Cameleon Flood (Auto run programs)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. When the Cameleon Flood is not connected by a DMX-cable, it functions as a stand-alone device. Please see page 14 for more information about the Auto run visual effects.

One Cameleon Flood (Built-in Programs)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. When the Cameleon Flood is not connected by a DMX-cable, it functions as a stand-alone device. Please see page 14 for more information about the built-in programs.

One Cameleon Flood (Static color control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. When the Cameleon Flood is not connected by a DMX-cable, it functions as a stand-alone device. Please see page 15 for more information about the static color control.

One Cameleon Flood (Manual color control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. When the Cameleon Flood is not connected by a DMX-cable, it functions as a stand-alone device. Please see page 15 for more information about the manual color control.

One Cameleon Flood (NO Sound-control)

Although the remote control says Sound-control, it won't function with this device, because this is an outdoor device.

Multiple Cameleon Floods (Master/Slave control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. Use a 3-p XLR cable to connect the Cameleon Flood 7.

The pins:



1. Earth
2. Signal -
3. Signal +

3. Link the units as shown in (Fig. 3), Connect a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link the second, third, and fourth units. You can use the same functions on the master device as described on page 14 (Built-in Programs or Autorun). This means on the master device you can set your desired operation Mode and all slave devices will react the same as the master device.

Multiple Cameleon Floods (Master/Slave control)

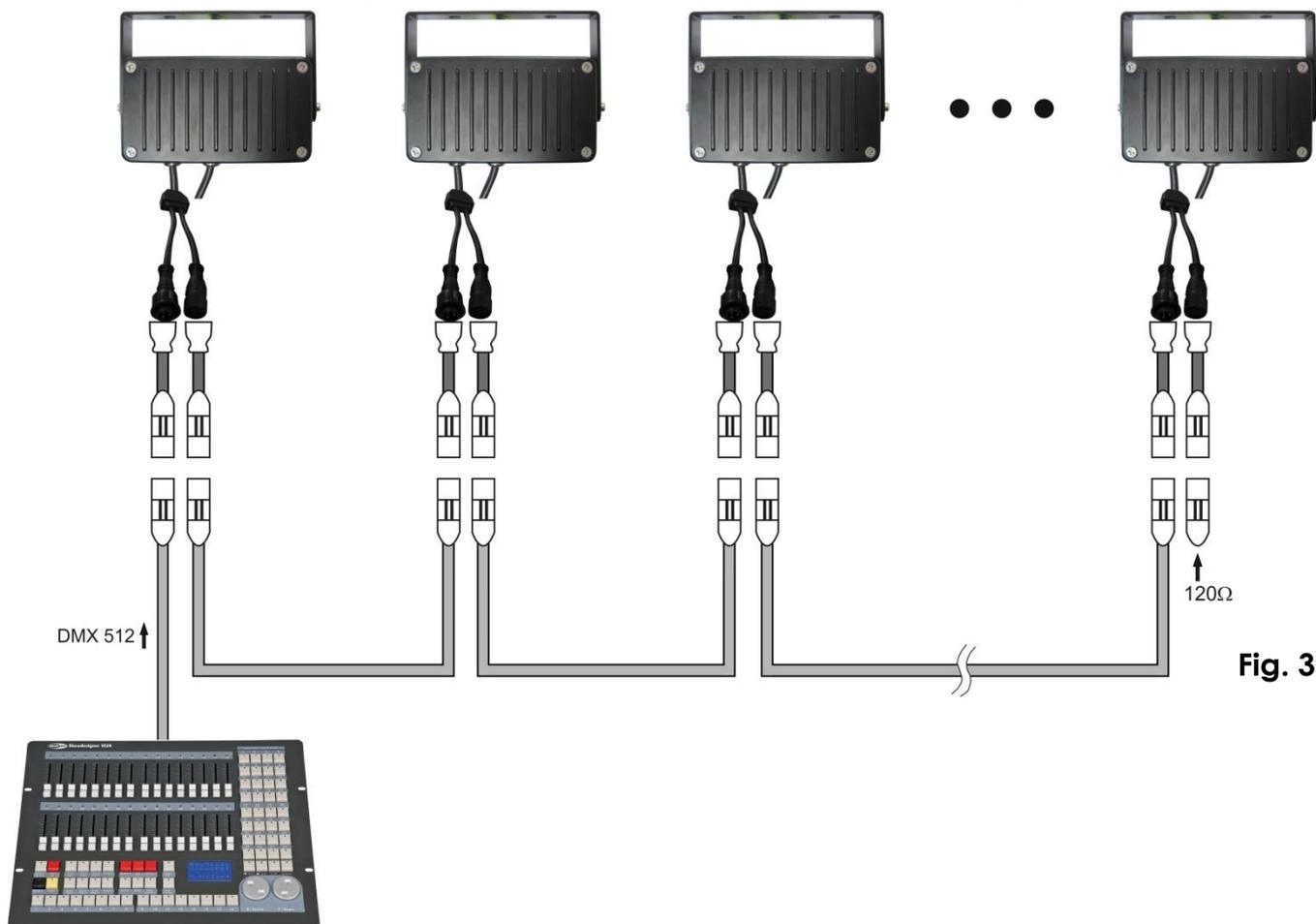
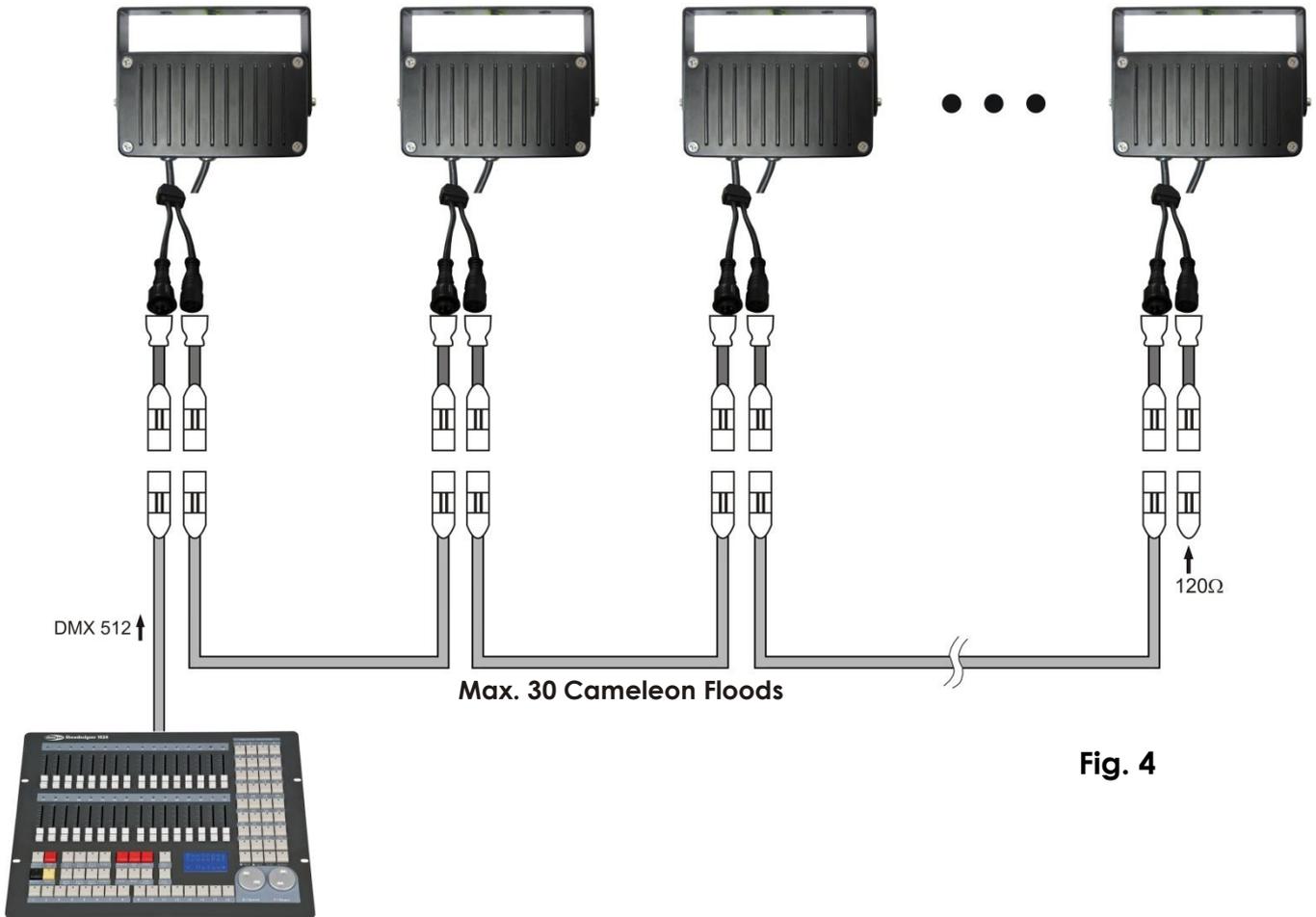


Fig. 3

Multiple Cameleon Floods (DMX Control)

1. Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
2. Plug the end of the electric mains power cord into a proper electric power supply socket.
3. Use a 3-p XLR cable to connect the Cameleon Floods.
4. Link the units as shown in (figure 4), Connect a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link the second, third, and fourth units.
5. Supply electric power: Plug the end of the mains power cord into proper electric power supply sockets. Do so for all units and the controller.

Multiple Cameleon Floods Pro Set Up



Note : Link all DMX cables and set dip switches before connecting electric power

6. Do not supply power before the whole system is set up and connected properly. Design your show according to your DMX controller functions. See page 13 for more about DMX programming.

Fixture Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

Important: Fixtures on a serial data link must be daisy chained in one single line. To comply with the EIA-485 standard no more than 30 devices should be connected on one data link. Connecting more than 30 fixtures on one serial data link without the use of a DMX optically isolated splitter may result in deterioration of the digital DMX signal.



Maximum recommended DMX data link distance: 100 meters
Maximum recommended number of Cameleon Floods on a DMX data link: 30 fixtures

Data Cabling

To link fixtures together you must obtain data cables. You can purchase DAP Audio certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

DAP Audio Certified DMX Data Cables

- DAP Audio cable for allround use. bal. XLR/M 3 p. > XLR/F 3 p.
Ordercode FL01150 (1,5m.), FL013 (3m.), FL016 (6m.), FL0110 (10m.), FL0115 (15m.), FL0120 (20m.).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL71150 (1,5m.), FL713 (3m.), FL716 (6m.), FL7110 (10m.).

DMX Control Mode

The fixtures are individually addressed on a data-link and connected to the controller.
The fixtures respond to the DMX signal from the controller.

DMX Addressing

The optional remote control (**42704**) allows you to assign the DMX fixture address, which is the first channel from which the Cameleon Flood will respond to the controller.

Please note when you use the controller, the unit has max. **3** channels.

When using multiple Cameleon Floods, make sure you set the DMX addresses right.

Therefore, the DMX address of the first Cameleon Flood should be **1(001)**; the DMX address of the second Cameleon Flood should be **1+3=4**; the DMX address of the third Cameleon Flood should be **4+3=7**, etc.

Please, be sure that you don't have any overlapping channels in order to control each Cameleon Flood correctly. If two or more Cameleon Floods are addressed similarly, they will work similarly.

Controlling:

After having addressed all Cameleon Floods, you may now start operating these via your lighting controller.

Note: After switching on, the Cameleon Flood will automatically detect whether DMX 512 data is received or not.

If not, the problem may be:

- The special XLR cable from the controller is not connected with the input of the Cameleon Flood.
- The controller is switched off or defective, the cable or connector is defective, or the signal wires are swapped in the input connector.

Note: It's necessary to insert a XLR termination plug (with 120 Ohm) in the last fixture in order to ensure proper transmission on the DMX data link.

Operation via the remote (72704) not included



The remote is necessary for the Cameleon Flood to function.



- | | |
|-------------------|--------------------------------|
| 1. Blackout | 8. Speed |
| 2. Red | 9. DMX Mode |
| 3. Green | 10. Sound Active (No function) |
| 4. Blue | 11. Slave |
| 5. Auto Run | 12. Set Address |
| 6. Select Program | 13. + (increase value) |
| 7. Flash | 14. - (decrease value) |

BLACKOUT button (1): Set the LED power ON or power OFF with this button.

FL button (7): Press this button to activate the Flash function.
Use the + (13) and - (14) buttons to change the flash frequency. + = **faster**, - = **slower**



1. Auto Run Mode

AR button (5): Auto Run Mode

2. Built-in Program Mode

S PR button (6): Press this button to activate the Built-in program Mode.



The LEDs will blink yellow once, indicating you're in built-in program mode. Then the LEDs will dim briefly and then indicate its current built-in program through the color blinking scheme. Press one of the buttons (1-7) to select a certain mode
You have 7 different modes.



Program	Colors
1	No function
2	7-color fade
3	3-color fade
4	Fantasy
5	7-color switch
6	3-color switch
7	Random switch



SP button (8): Press the speed button to activate the Running Speed function. This function is only available in color jump or color dream Mode. Use the + (13) and - (14) buttons to change the running speed. + = **faster**, - = **slower**

3. Sound-active Mode (no function)

SA button (10): **unavailable** for outdoor LED lights.

4. Slave Mode

SL button (11): Slave mode



5. DMX Mode

D button (9): First press the **D**-button, the LEDs will blink once.

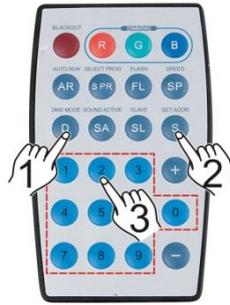
S button (12): Press this button to start the DMX Address Setup.

The LEDs will blink three times.

Through these blinking color, the Cameleon indicates its current DMX address.

Use the buttons (0-9) to set the DMX address

Value	Blink Color
0	White
1	Red
2	Orange
3	Light yellow
4	Green
5	Cyan
6	Blue
7	Purple
8	Pink
9	Yellow



For example, if you want to set DMX address 184.

- 1) Press the **S** button, the LEDs will blink 3 times, meaning you can set the DMX address.
- 2) Press the **1** button, the LEDs will blink RED, meaning the **1** (hundreds) setting was successful.
- 3) Press the **8** button, the LEDs will blink PINK, meaning the **8** (tens) setting was successful.
- 4) Press the **4** button, the LEDs will blink GREEN, meaning the **4** (value 0-9) was successful.

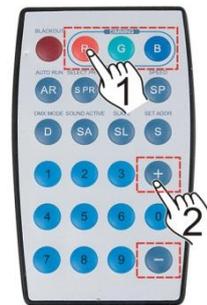
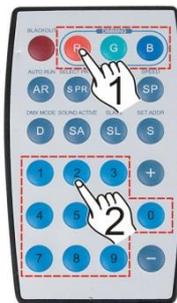
All LEDs will flash three times to indicate the entered DMX address.

Note: the maximum operation time to enter one value (one digit) is 6 seconds

6. Static Color Mode

R (2), **G** (3), **B** (4): Press one of these buttons to activate manual color setting in combination with one of the numeric buttons 0-9 to select a certain preset color. (see diagram below for colors)

Value	Blink Color
0	White
1	Red
2	Orange
3	Light yellow
4	Green
5	Cyan
6	Blue
7	Purple
8	Pink
9	Yellow



7. Manual Color Mode

R (2), **G** (3), **B** (4): Press one of these buttons to activate manual color setting.

Use the + (13) and - (14) buttons to change the brightness of the RGB LEDs. (brightness has 26 different grades).

Press the +/- buttons, do not hold down the buttons because this won't function.

Example: If you want to **decrease** the green value, press the **G** button. The LEDs will blink green once, indicating that you have selected the green color. Now use the - button to decrease the value of green.

8. Factory Reset

To return to the factory default setting, press the BLACKOUT (1) + the numeric buttons 9, 8, 7.

First press the BLACKOUT button (1) to turn the light off. When the Cameleon is off (blackout), press the numeric buttons in the sequence 9, 8, 7, to return to the factory default settings.

DMX Channels

3 Channels

Channel 1 – Red

0-255	Red gradual color brightness from 0 to 100%
-------	---

Channel 2 – Green

0-255	Green gradual color brightness from 0 to 100%
-------	---

Channel 3 – Blue

0-255	Blue gradual color brightness from 0 to 100%
-------	--

Maintenance

The Showtec Cameleon Flood requires almost no maintenance. However, you should keep the unit clean. Otherwise, the fixture's light-output will be significantly reduced. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Do not use alcohol or solvents. Keep connections clean. Disconnect electric power, and then wipe the connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by an expert after every four years in the course of an acceptance test.

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

1. All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
2. There may not be any deformations on housings, fixations and installation spots.
3. Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
4. The electric power supply cables must not show any damages or material fatigue.

Troubleshooting

No Light

This troubleshooting guide is meant to help solve simple problems.

If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

If the light effect does not operate properly, refer servicing to a technician.

Response: Suspect two potential problem areas: the power supply or the LEDs.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. The LEDs. Return the Cameleon Flood to your Showtec dealer.
3. If all of the above appears to be O.K., plug the unit in again.
4. If you are unable to determine the cause of the problem, do not open the Cameleon Flood, as this may damage the unit and the warranty will become void.
5. Return the device to your Showtec dealer.

No Response to DMX

Response: Suspect the DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.

1. Check the DMX setting. Make sure that DMX addresses are correct.
2. Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
3. Determine whether the controller or light effect is at fault. Does the controller operate properly with other DMX products? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

See next page for more problem solving.

Problem	Probable cause(s)	Remedy
One or more fixtures are completely dead.	No power to the fixture	<ul style="list-style-type: none"> • Check that power is switched on and cables are plugged in.
	Internal fuse blown.	<ul style="list-style-type: none"> • Contact your Showtec dealer.
Fixtures reset correctly, but all respond erratically or not at all to the controller.	The controller is not connected.	<ul style="list-style-type: none"> • Connect controller.
	3-pin XLR Out of the controller does not match XLR Out of the first fixture on the link (i.e. signal is reversed).	<ul style="list-style-type: none"> • Install a phase reversing cable between the controller and the first fixture on the link.
Fixtures reset correctly, but some respond erratically or not at all to the controller.	Poor data quality	<ul style="list-style-type: none"> • Check data quality. If much lower than 100 percent, the problem may be a bad data link connection, poor quality or broken cables, missing termination plug, or a defective fixture disturbing the link.
	Bad data link connection	<ul style="list-style-type: none"> • Inspect connections and cables. Correct poor connections. Repair or replace damaged cables.
	Data link not terminated with 120 Ohm termination plug.	<ul style="list-style-type: none"> • Insert termination plug in output jack of the last fixture on the link.
	Incorrect addressing of the fixtures.	<ul style="list-style-type: none"> • Check address setting.
	One of the fixtures is defective and disturbs data transmission on the link.	<ul style="list-style-type: none"> • Bypass one fixture at a time until normal operation is regained: unplug both connectors and connect them directly together. • Have the defective fixture serviced by a qualified technician.
	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed).	<ul style="list-style-type: none"> • Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture, that behaves erratically.
No light	The power supply settings do not match local AC voltage and frequency.	<ul style="list-style-type: none"> • Disconnect fixture. Check settings and correct if necessary.
	LEDs damaged	<ul style="list-style-type: none"> • Disconnect fixture and return to your dealer.

Product Specification

Model: Showtec Cameleon Flood 7 RGB

- Control: IR remote (42704), not included !
- XLR 3-pin to mini 3-pin cable (42708) to connect the Cameleon to DMX, not included !
- LED Quantity: 7x 3-in-1 3 Watt RGB LEDs
- DMX Mode: 3 Channels
- Colour range: 16,7 million additive colors
- Input-voltage: 100-240V Autoswitch
- Continuous Power 21 Watt
- RGB Colormixing
- High Power Lightoutput
- IP65 Rating
- Multivoltage Powersupply
- Both indoor and outdoor use
- Stylish design
- Dedicated IP65 Powerconnector
- DMX Connection Dedicated IP65 connector
- Lens Plate: Tempered Glass
- Dimmer: 0-100%
- Strobe: 0-20Hz
- Beam Angle: 40 degrees
- Housing: Die Cast Aluminium
- Black Powder Coat Finish
- Cooling: Convection (no fans)
- Linkable
- Control: DMX / Auto Program / Master-slave/ IR remote
- Convection cooling which eliminates the use of fans and noise
- Mounting bracket included
- Dimensions: 150 x 90 x 70 mm (LxWxH excl. bracket)
- Weight: 1,2 kg



Minimum distance:

Minimum distance from flammable surfaces: 0.5m

Minimum distance to lighted object: 0.8m

Design and product specifications are subject to change without prior notice.



Website: www.Showtec.info

Email: service@highlite.nl



© 2013 Showtec.