

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



AZOR[®] W2

LED WASH MOVING HEAD
CLAZORW2

CONTENTS / INHALTSVERZEICHNIS / CONTENU / CONTENIDO / TREŚĆ / CONTENUTO

ENGLISH

INFORMATION ON THIS USER MANUAL	5
INTENDED USE	5
DEFINITIONS AND SYMBOL EXPLANATIONS	5
SAFETY INSTRUCTIONS	6
NOTES ON PORTABLE INDOOR DEVICES	10
PACKAGING CONTENT	10
INTRODUCTION	10
CONNECTIONS, OPERATING AND DISPLAY ELEMENTS	11
OPERATION	12
SETUP AND INSTALLATION	20
CARE, MAINTENANCE AND REPAIR	21
DIMENSIONS	22
TECHNICAL SPECIFICATIONS	23
MINIMUM DISTANCE TO ILLUMINATED SURFACE	24
MINIMUM DISTANCE TO NORMALLY FLAMMABLE MATERIALS	24
DISPOSAL	24
MANUFACTURER'S DECLARATIONS	25

DEUTSCH

INFORMATIONEN ZU DIESER BEDIENUNGSANLEITUNG	26
BESTIMMUNGSGEMÄSSER GEBRAUCH	26
BEGRIFFS- UND SYMBOLERKLÄRUNGEN	26
SICHERHEITSHINWEISE	27
HINWEISE FÜR ORTSVERÄNDERLICHE INDOOR-GERÄTE	31
LIEFERUMFANG	31
EINFÜHRUNG	31
ANSCHLÜSSE, BEDIEN- UND ANZEIGEELEMENTE	32
BEDIENUNG	34
AUFSTELLUNG UND MONTAGE	43
PFLEGE, WARTUNG UND REPARATUR	43
ABMESSUNGEN	45
TECHNISCHE DATEN	45
MINDESTABSTAND ZUR BELEUCHTETEN FLÄCHE	47
MINDESTABSTAND ZU NORMAL ENTFLAMMBAREN MATERIALIEN	47
ENTSORGUNG	47
HERSTELLERERKLÄRUNGEN	47

FRANÇAIS

INFORMATIONS SUR CE MANUEL D'UTILISATION	49
UTILISATION PRÉVUE	49
DÉFINITIONS ET EXPLICATION DES PICTOGRAMMES	49
CONSIGNES DE SÉCURITÉ	50
NOTES SUR LES APPAREILS PORTABLES POUR INTÉRIEUR	54
CONTENU DU CARTON	55
INTRODUCTION	55
CONNECTEURS, UTILISATION ET INDICATEURS	56
UTILISATION	57
MONTAGE ET INSTALLATION	66
ENTRETIEN, MAINTENANCE ET RÉPARATION	66
DIMENSIONS	68
CARACTÉRISTIQUES TECHNIQUES	68
DISTANCE MINIMALE PAR RAPPORT À LA SURFACE ÉCLAIRÉE	70
DISTANCE MINIMALE PAR RAPPORT AUX MATÉRIEAUX INFLAMMABLES ORDINAIRES	70
MISE AU REBUT	70
DÉCLARATIONS DU FABRICANT	71

ESPAÑOL

INFORMACIÓN SOBRE ESTE MANUAL DE USUARIO	72
USO PREVISTO	72
DEFINICIONES Y EXPLICACIONES DE LOS SÍMBOLOS	72
INSTRUCCIONES DE SEGURIDAD	73
INDICACIONES PARA EQUIPOS PORTÁTILES DE INTERIOR	77
ELEMENTOS SUMINISTRADOS	77
INTRODUCCIÓN	77
CONEXIONES, CONTROLES E INDICADORES	78
OPERACIÓN	80
INSTALACIÓN Y MONTAJE	88
CUIDADO, MANTENIMIENTO Y REPARACIÓN	89
DIMENSIONES	90
CARACTERÍSTICAS TÉCNICAS	90
DISTANCIA MÍNIMA A LA SUPERFICIE ILUMINADA	92
DISTANCIA MÍNIMA A MATERIALES NORMALMENTE INFLAMABLES	92
ELIMINACIÓN	92
DECLARACIÓN DEL FABRICANTE	93

POLSKI

INFORMACJE NA TEMAT NINIEJSZEJ INSTRUKCJI OBSŁUGI	94
ZAMIERZONE ZASTOSOWANIE	94

CONTENTS / INHALTSVERZEICHNIS / CONTENU / CONTENIDO / TREŚĆ / CONTENUTO

DEFINICJE I OBJAŚNIENIA SYMBOLI	94
INSTRUKCJE BEZPIECZEŃSTWA	95
UWAGI DOTYCZĄCE URZĄDZEŃ PRZENOŚNYCH DO UŻYTKU W POMIESZCZENIACH	99
ZAWARTOŚĆ OPAKOWANIA	100
WPROWADZENIE	100
PRZYŁĄCZA, ELEMENTY OBSŁUGI I WSKAŹNIKI	101
OBSŁUGA	102
KONFIGURACJA I INSTALACJA	111
PIEŁĘGNACJA, KONSERWACJA I NAPRAWA	111
WYMIARY	113
SPECYFIKACJE TECHNICZNE	113
MINIMALNA ODLEGŁOŚĆ OD OŚWIETLANEJ POWIERZCHNI	115
MINIMALNA ODLEGŁOŚĆ OD NORMALNIE ŁATWOPALNYCH MATERIAŁÓW	115
UTYLIZACJA	115
DEKLARACJE PRODUCENTA	116

ITALIANO

INFORMAZIONI SU QUESTO MANUALE D'ISTRUZIONI	117
USO CONFORME	117
SPIEGAZIONE DI TERMINI E SIMBOLI	117
INDICAZIONI SULLA SICUREZZA	118
AVVERTENZE PER DISPOSITIVI PORTATILI PER INTERNI	122
DOTAZIONE	122
INTRODUZIONE	123
CONNESSIONI, ELEMENTI DI COMANDO E INDICATORI	124
UTILIZZO	125
INSTALLAZIONE E MONTAGGIO	134
CURA, MANUTENZIONE E RIPARAZIONE	135
DIMENSIONI	136
DATI TECNICI	136
DISTANZA MINIMA DALLA SUPERFICIE ILLUMINATA	138
DISTANZA MINIMA DA MATERIALI NORMALMENTE INFIAMMABILI	138
SMALTIMENTO	138
DICHIARAZIONI DEL FABBRICANTE	139

DMX CONTROL / DMX STEUERUNG / PILOTAGE DMX / CONTROL DMX / STEROWANIE DMX / CONTROLLO DMX	140 140
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YOU HAVE MADE THE RIGHT CHOICE!

This device has been developed and manufactured to the highest quality standards to ensure many years of trouble-free operation. Please read this user manual carefully to be able to quickly put your new Cameo Light product to optimum use. Further information about Cameo Light is available on our website **CAMEOLIGHT.COM**.

INFORMATION ON THIS USER MANUAL

- Carefully read the safety instructions and the entire manual before operating the device.
- Observe the warnings on the device and in the user manual.
- Always keep the user manual within reach.
- If you sell or pass on the device, it is important that you also include this user manual, as it is an integral part of the product.

INTENDED USE

This product is a device for event technology!

This product has been developed for professional use in the field of event technology and is not suitable for use as domestic lighting!

Furthermore, this product is only intended for qualified users with specialist knowledge of event technology!

Use of the product outside the specified technical data and operating conditions is considered improper use!

Liability for damage and third-party damage to persons and property due to inappropriate use is excluded!

The product is not suitable for:

- Use by persons (including children) with limited physical, sensory or mental abilities or lack of experience and knowledge.
- Children (children must be instructed not to play with the device).

DEFINITIONS AND SYMBOL EXPLANATIONS

1. **DANGER:** The word DANGER, possibly in combination with a symbol, indicates immediately dangerous situations or conditions for life and limb.
2. **WARNING:** The word WARNING, possibly in combination with a symbol, indicates potentially dangerous situations or conditions for life and limb.
3. **CAUTION:** The word CAUTION, possibly in combination with a symbol, is used to indicate situations or conditions that may lead to injury.
4. **ATTENTION:** The word ATTENTION, possibly in combination with a symbol, refers to situations or conditions that can lead to damage to property and/or the environment.



This symbol identifies hazards that can cause electric shock.



This symbol identifies hazardous areas or hazardous situations.



This symbol indicates hazards caused by hot surfaces.



This symbol indicates hazards caused by intense light sources.



This symbol indicates a device in which there are no user-replaceable parts.



This symbol indicates additional information on the operation of the product.



This symbol indicates a device that may only be used in dry rooms.

SAFETY INSTRUCTIONS



DANGER:

1. Do not open or modify the device.
2. If your device no longer functions properly, if liquids or objects get inside it or if it has been damaged in any other way, switch it off immediately and disconnect it from the mains. The device may be repaired only by authorised repair technicians.
3. For devices of protection class 1, the protective earth conductor must be connected correctly. Never disconnect the protective earth conductor. Devices of protection class 2 do not have a protective earth conductor.
4. Ensure that live cables are not kinked or otherwise mechanically damaged.
5. Never bypass the device fuse.



WARNING:

1. The device must not be used if it shows obvious signs of damage.
2. The device may only be installed in a voltage-free state.
3. If the power cable of the device is damaged, do not operate the device.
4. Permanently connected power cables may only be replaced by a qualified person.



ATTENTION:

1. Do not switch on the device if it has been exposed to extreme temperature fluctuations (for example, following transport). Moisture and condensation can damage the device. Switch on the device only when it has reached ambient temperature.



2. Make sure that the voltage and frequency of the mains supply correspond to the values indicated on the device. If the device has a voltage selector switch, do not turn the device on until it has been set correctly. Use only suitable power cables.
3. To disconnect the device from the mains at all poles, it is not sufficient to press the on/off switch on the unit.
4. Make sure that the fuse used corresponds to the type printed on the device.
5. Make sure that appropriate measures have been taken against overvoltage (e.g. lightning strike).
6. Observe the specified maximum output current on devices with a Power Out connection. Ensure that the total current consumption of all connected devices does not exceed the specified value.
7. Replace plug-in power cables only with original cables.
8. Connect the device only to compliant, tested and undamaged power outlets.



DANGER:

1. Danger of suffocation! Plastic bags and small parts must be kept out of reach of persons (including children) with reduced physical, sensory or mental capabilities.
2. Danger caused by falling device! Make sure that the device is securely installed and cannot fall down. Only use suitable stands or mounts (particularly for fixed installations). Ensure that accessories are properly installed and secured. Ensure that all applicable safety regulations are observed.



WARNING:

1. Use the device in the prescribed manner only.
2. Operate the device using only accessories of the type recommended and supplied by the manufacturer.
3. During installation, observe the safety regulations applicable in your country.
4. After connecting the device, ensure that all cables are routed so as to avoid damage or accidents, such as from tripping.
5. Be sure to observe the specified minimum distance to normally flammable materials! Unless explicitly stated, the minimum distance is 0.3 m.



CAUTION:

1. Moving components such as mounting brackets pose a jamming hazard.
2. In the case of devices with motor-driven components, there is a risk of injury from the movement of the device. Sudden movement of the device can cause shock reactions.



3. The exterior surface of the device can become very hot during regular operation. Ensure that accidental touching of the housing is not possible. Always allow the device to cool sufficiently before removal, maintenance work and charging etc.

**ATTENTION:**

1. Do not install and operate the device in the vicinity of radiators, heat accumulators, ovens, or other heat sources. Ensure that the device is always installed in such a way that it is sufficiently cooled and cannot overheat.
2. Do not place ignition sources such as lighted candles near the device.
3. Vents must not be covered and fans must not be blocked.
4. Use the original packaging or packaging provided by the manufacturer for transport.
5. Avoid shock or impact to the device.
6. Observe the IP rating as well as the ambient conditions such as temperature and humidity according to the specification.
7. Devices can always be further improved. In the event of any discrepancies between the operating instructions and the device labelling with regard to operating conditions, performance or other device characteristics, the information on the device always takes precedence.
8. The device is not suitable for tropical climates and for operation at elevations higher than 2000 m above sea level.
9. Unless explicitly stated, the device is not suitable for operation in marine conditions.

**PLEASE NOTE:**

For conversion or retrofit sets or accessories provided by the manufacturer, it is essential to observe the included instructions.

**CAUTION! IMPORTANT INFORMATION REGARDING LIGHTING PRODUCTS!**

1. Never look directly into the beam of light, not even for a short period of time.
2. Never look into the beam of light using optical devices such as a magnifying glass.



3. Stroboscopic effects may cause epileptic seizures in susceptible individuals!



4. Permanently installed lamps are built into these lighting units. These may not be replaced by the user. The lamps contained in this lighting unit may only be replaced by the manufacturer, its service partner, or a similarly qualified person.

**SIGNAL TRANSMISSION BY RADIO (e.g. W-DMX or wireless audio systems):**

The quality and performance of wireless signal transmissions generally depends on the ambient conditions. For example, the following factors can impact range and signal quality:

Shielding (e.g. masonry, metal structures, water)

High volumes of radio traffic (e.g. powerful wireless LAN networks)

Interference

Electromagnetic radiation (e.g. LED video screens, dimmers)

All range specifications refer to free-field line-of-sight applications without interference!



The operation of radio systems is subject to official regulations. These may vary from region to region and must be checked by the operator before use (e.g. radio frequency and transmission power).



WARNING:

Wireless transmitting devices are not suitable for use in sensitive areas in which radio operation can lead to potential detrimental effects. These include e.g.:

- Hospitals, health centres or other healthcare facilities that provide patient treatment with skilled personnel and equipment.
- Hazardous areas Class I, II and III
- Restricted areas
- Military facilities
- Aircraft or vehicles
- Areas where the use of mobile phones is prohibited



TRANSMISSION VIA W-DMX

WARNING: In general, wireless DMX transmission must not be used for applications involving safety-related factors that might result in personal injury or property damage in the event of a failure.

This applies in particular to moving scene or traverse structures, DMX-controlled motors/lifts or lifting devices for operating DMX-operated platform lifts, hydraulic systems or comparable moving components.

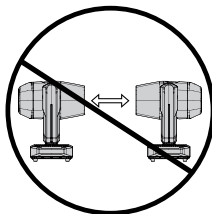
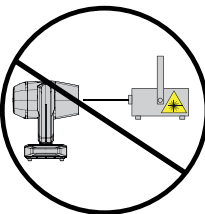
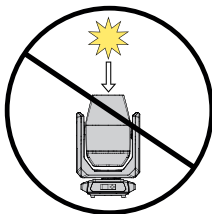
Furthermore, wireless DMX transmission must not be used to control flame or pyrotechnic devices, explosion effects, or gas or liquid effects. These include CO2 cannons, confetti shooters, water effects or similar.



ATTENTION! POTENTIAL DAMAGE FROM EXTERNAL LIGHT SOURCES!

Solar radiation, laser radiation and bundled light beams from other spotlights can damage the housing and internal components such as filters, gobo and colour wheels, motors, cables, belts, etc., as well as light sources!

Do not expose the device and especially the lens opening to direct sunlight, laser radiation and bundled light beams from other spotlights during unpacking, installation, prolonged disuse and operation! Always point the lens opening towards the floor when the device is not in use! Damage caused by external light sources is excluded from the manufacturer's warranty!





NOTES ON PORTABLE INDOOR DEVICES

1. Temporary operation! Event equipment is generally only designed for temporary operation.
2. Continuous operation or permanent installation can impair the functionality of the device and cause premature ageing.

PACKAGING CONTENT

Remove the product from the packaging and remove all packaging material. Please check the completeness and integrity of the delivery and notify your distribution partner immediately after purchase if the delivery is not complete or if it is damaged.

The packaging content includes:

- ▶ 1 x AZOR W2 LED Moving Head
- ▶ 1 x Power cable
- ▶ 2 x Omega bracket
- ▶ 1 x User manual

INTRODUCTION

LED moving head
CLAZORW2

CONTROL FUNCTIONS:

19-channel, 18-channel HSI, 18-channel RGLB, 23-channel RGLB, 34-channel HSI, 36-channel RGB, 43-channel RGLB, 44-channel RGLB and 54-channel Full Access DMX control DMX512

W-DMX™ via optional Cameo iDMX stick

RDM

Master / slave operation

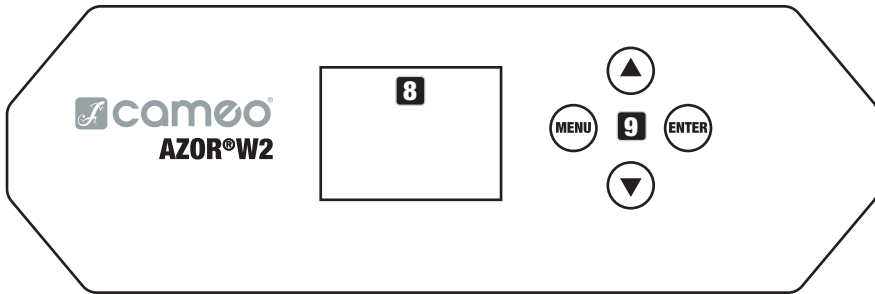
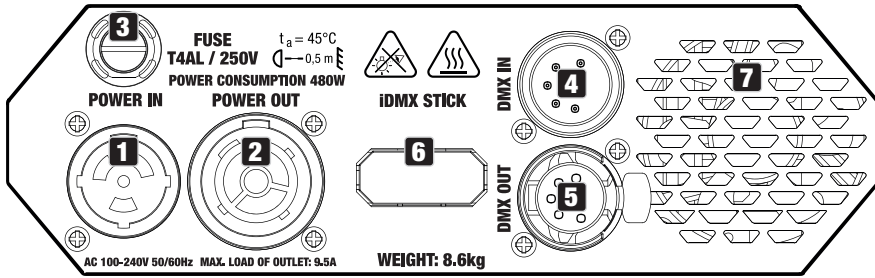
Standalone functions

FEATURES:

7 x 40 W RGLB LEDs plus 48 x 2 W white effect LEDs. DMX512. Connection for optional iDMX stick for wireless control via W-DMX™. 5-pin DMX connections. 2 Omega mounting brackets included. The spotlight supports the RDM standard (Remote Device Management). Remote device management allows the user to monitor the status and configuration of RDM devices using an RDM-capable controller, such as the optionally available Cameo UNICON (item number CLIREMOTE).

The Cameo UNICON also allows access to the entire spotlight menu.

CONNECTIONS, OPERATING AND DISPLAY ELEMENTS



1 POWER IN

TRUE1-compatible mains input socket. Operating voltage 100 - 240 V AC / 50 - 60 Hz. Use the included power cable.

2 POWER OUT

TRUE1-compatible mains output socket. Enables power supply to other CAMEO spotlights. Ensure that the total power consumption of all connected devices does not exceed the value specified on the device in amperes (A).

3 FUSE

Fuse holder for 5 x 20 mm fuses. **IMPORTANT NOTE:** Only replace the fuse with a fuse of the same type and value. In the event of repeated fuse failure, please contact an authorised service centre.

4 DMX IN

Male 5-pin XLR socket for connection to a DMX control device (e.g. DMX console).

5 DMX OUT

Female 5-pin XLR socket for forwarding the DMX control signal.

6 IDMIX STICK

Connection for the optional iDMX stick for W-DMX™ operation (insert the iDMX stick with the antenna facing upwards). Note the wireless settings in the Settings menu.

7 AIR VENTS

To prevent damage to the device, do not cover the ventilation openings on the back and ensure that air can circulate freely.

8 OLED DISPLAY

The OLED display shows the currently active operating mode (main screen), the menu items and the numerical value or operational status of certain menu items. If no input is made within approximately one minute, the display automatically returns to the main screen. Note on the main screen in operating modes with external control: In the event that the control signal is interrupted, the characters in the display begin flashing; once the control signal is present again, the flashing stops.

9 CONTROL BUTTONS

MENU – Press MENU to access the main menu. Press again or repeatedly to return to the main screen. Pressing MENU without confirming a value or status change by pressing ENTER restores the previously confirmed value or status.

ENTER – Press ENTER to access the menu and submenus. ENTER is also used to confirm value or status changes.

▲ and ▼ – Select menu items in the main menu (DMX address, DMX mode etc.) and in the submenus. Allows you to change the value of a menu option, such as the DMX address (long press = quick value change).

OPERATION

NOTES

Upon switching on the spotlight, the message "Update Wait" is displayed momentarily, followed by "Welcome to Cameo", the model name and the software version. Thereafter, the motors are reset (Motor Reset Please Wait). After this process, the spotlight is ready for operation and the previously activated operating mode is launched.

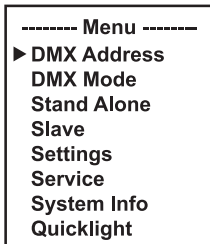
MAIN SCREEN IN DMX OPERATING MODE

In DMX mode, the main screen shows the currently set DMX start address (see illustration). Flashing characters indicate that no DMX signal is present.



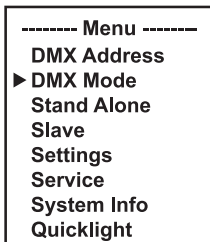
SET DMX START ADDRESS (DMX Address)

Starting from the main screen, press MENU to enter the main menu. Now use ▲ or ▼ to select the menu item **DMX Address** and confirm with ENTER. Use the ▲ or ▼ buttons to configure the desired DMX start address and press ENTER to confirm (the highest possible value depends on the selected DMX mode).



CONFIGURING DMX MODE (DMX MODE)

Starting from the main screen, press MENU to enter the main menu. Now use ▲ or ▼ to select the menu item **DMX Mode** and confirm with ENTER. Select the desired DMX operating mode using ▲ or ▼ and confirm with ENTER. Tables showing the channel assignment of the different DMX modes can be found in the DMX CONTROL section of this user manual.



STAND-ALONE MENU

In the stand-alone operating modes (Play Scene and Play Loop), the control signal of the corresponding mode can be output to slave units via XLR. If you do not want to output the control signal, deactivate the output.

A delay can be set for slave units for the time-delayed output of the control signal of the stand-alone operating modes. Activate one of the eight available scenes (Scene 1 - 8) or one of the eight available loops (Loop 1 - 8). The settings are made individually for each scene and each loop and are retained even after the device is restarted.

Starting from the main screen, press MENU to enter the main menu. Use the ▲ or ▼ buttons to select the **Stand Alone** menu item and confirm with ENTER. Now select the desired submenu item, confirm and then make the settings as required (see table).

----- Menu -----
DMX Address
DMX Mode
► Stand Alone
Slave
Settings
Service
System Info
Quicklight

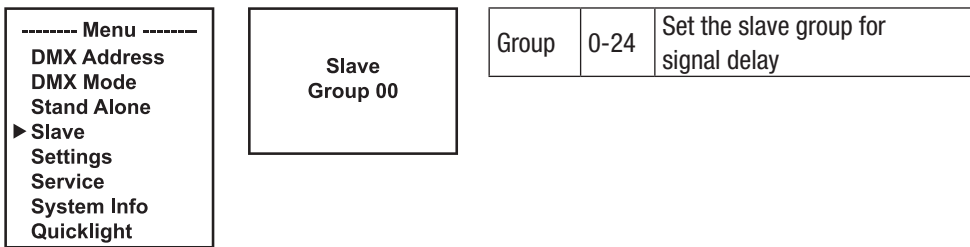
---- Stand Alone ----
► Master/Alone
Play Scene/Loop
Edit User Scene
Edit Loop

Master/ Alone	Master	Delay	Forward control signal via DMX OUT and set delay for slave units: Off, 0.1s - 2.0s	
	Alone		Do not forward control signal	
Play Scene/ Loop	Scene	User Scene 1 - 8	Select and activate the desired scene	
	Loop	Loop 1 - 8	Select and activate the desired loop	
Edit User Scene	User Scene 1 - 8	Pan	Set each scene individually. Scenes are activated by selecting them.	
		Tilt		
		Dimmer		
		...		
Edit Loop	Loop 1 - 8	Step 1	User Scene 1 - User Scene 8	Select scene 1 - 8
			t-Step 0s - 20min	Set step time
			t-Fade 0s - 20min	Set fade time
		Step 2	“	“
		Step 3	User Scene 1 - User Scene 8 / Skip Step	Select scene 1 - 8 / skip step
			t-Step 0s - 20min	Set step time
			t-Fade 0s - 20min	Set fade time
		Step 4	“	“
		Step 5	“	“
		Step 6	“	“
Step 7	“	“		
Step 8	“	“		

SLAVE MODE

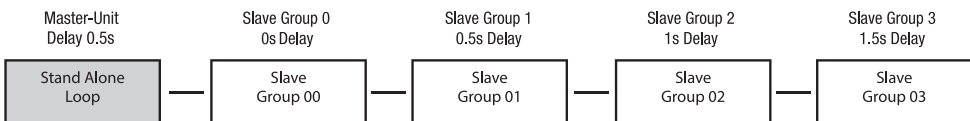
Standard slave operation: Starting from the main screen, press MENU to enter the main menu. Use the ▲ or ▼ buttons to select the **Slave** menu item, confirm with ENTER, then select slave group 0 and confirm again. Connect the slave and master units (same model, same software version) using a DMX cable and activate the control signal output (Stand Alone -> Master/Alone -> Master) and one of the stand-alone operating modes (Play Scene/Loop) in the master unit. The slave unit will now follow the master unit.

Advanced slave mode: If you wish to control the slave units in master/slave mode using one of the **Play Scene** or **Play Loop** stand-alone modes, the control signal can be played back with a time delay of up to 24 steps. The delay is set in the **Stand Alone** menu **Master/Alone** in the master unit; the delay factor is set in the slave menu of the corresponding spotlight (Group). This is a simple way to create a running light effect with a large number of identical spotlights that are running the same software version, which would otherwise require a suitable DMX controller and extensive programming. Connect the slave and master units (same model, same software version) using a DMX cable and activate the control signal output (Stand Alone -> Master/Alone -> Master) and one of the stand-alone operating modes (Play Scene/Loop) in the master unit.



Assign the spotlights to one of up to 24 groups (plus Group 0) according to preference, whereby several spotlights can be assigned to one group. The group number is also the factor by which the delay time set in the master unit is multiplied.

Setup example:



SYSTEM SETTINGS (Settings)

Starting from the main screen, press MENU to enter the main menu. Use the ▲ or ▼ buttons to select the menu item **Settings** and confirm with ENTER.

----- Menu -----
DMX Address
DMX Mode
Stand Alone
Slave
► Settings
Service
System Info
Quicklight

----- Settings -----
► Wireless
Display
Store Default

This takes you to the submenu (see table). Select submenu items with ▲ or ▼, confirm with ENTER, change value or status with ▲ or ▼, confirm with ENTER).

Settings (Bold print = factory setting)				
Wireless	Wireless Settings (iDMX stick optional)	iDMX State	Off	Wireless control deactivated
			On	Wireless control activated
		Signal Routing	Send to XLR	Signal -> DMX OUT
			Backup by XLR	Backup via DMX IN in case of W-DMX signal interruption
		Receive only	W-DMX reception only	
Display	Display Settings	Display Reverse	On	Display rotation by 180° (e.g. for overhead installation)
			Off	No display rotation
		Display Off Timer	Always On	Permanently on
			Off after 20s	Deactivates after approximately 20 seconds of inactivity
		Autolock	Off	Autolock function deactivated
			On after 60s	Controls locked after approx. 60 seconds without input (LOCKED). To unlock, press MENU for approx. 3 seconds.
Dimmer	Dimmer Settings	Dimmer Curve (Dimmer curve)	Linear	Light intensity increases linearly with DMX value
			Exponential	Light intensity can be finely adjusted at lower DMX values and broadly adjusted at higher DMX values
			Logarithmic	Light intensity can be broadly adjusted at lower DMX values and finely adjusted at higher DMX values

Dimmer	Dimmer Settings	Dimmer Curve (Dimmer curve)	S-Curve	Light intensity can be finely adjusted at lower and higher DMX values and broadly adjusted at medium DMX values
		PWM Frequency	650Hz, 1530Hz, 3600Hz, 12kHz , 18.9kHz, 25kHz	Select LED PWM frequency
		Dimmer Response (Dimmer response)	LED	The spotlight responds immediately to changes of the DMX value
			Halogen	The spotlight behaves in a similar way to a halogen spotlight with gradual changes of brightness
Color Calibration	Colour calibration	RAW		R, G, B, and L (maximum value: 255)
		User		Custom colour calibration. Brightness setting of R, G, B and L with values ranging from 0 - 255
		Factory		Factory calibration
		Smart		Merging factory and RAW calibration
Movement	Set head movements	Pan Reverse	Off	Pan direction not reversed
			On	Pan direction reversed
		Tilt Reverse	Off	Tilt direction not reversed
			On	Tilt direction reversed
		Pan Angle	540°	Pan angle 540°
			630°	Pan angle 630°
		Position Feedback	Off	Automatic position correction disabled
			On	Automatic position correction enabled
Move in Black	Off	No blackout during head movement		
	On	Blackout during head movement		
Silent Movement	Off	Function disabled		
	On	Slowed motor movements for quieter operation		
Fan	Fan settings	Auto		Automatic fan control
		Fan Off		Deactivated fan with greatly reduced brightness
		Constant Low		Constant low fan speed with reduced brightness, if necessary
		Constant Mid		Constant average fan speed with reduced brightness, if necessary
		Constant High		Constant high fan speed

Signal Fail	Operational status in case the DMX signal is interrupted	Hold	Last command is retained
		Last Stand Alone	The last selected stand-alone operating mode is activated
		Fade to Black	10 second fade to blackout
		Blackout	Activates blackout
		Full	Full On
Pixel Mirror	Mirror pixels	Off	Function disabled
		Horizontal	Mirror pixels horizontally
		Vertical	Flip pixels vertically
		Horizontal + Vertical	Flip pixels horizontally and vertically
Store Default	Save settings in 3 custom presets	User Default A	Save all current settings as user preset A
		User Default B	Save all current settings as user preset B
		User Default C	Save all current settings as user preset C

SERVICE MENU (Service)

Starting from the main screen, press MENU to enter the main menu. Use the ▲ or ▼ buttons to select **Service** and confirm with ENTER.

----- Menu -----
DMX Address
DMX Mode
Stand Alone
Slave
Settings
▶ Service
System Info
Quicklight

----- Service -----
▶ Load Default
Reset
Password

Information on the submenu items in the Service menu and the corresponding options can be found in the table below (select with ▲ or ▼, confirm with ENTER, change value or status with ▲ or ▼, confirm with ENTER).

Load Default	Factory Default	Reset to factory setting
	User Default A	Resets to User A values (store user values: Settings -> Store Default)
	User Default B	Resets to User B values (store user values: Settings -> Store Default)
	User Default C	Resets to User C values (store user values: Settings -> Store Default)
Reset	Pan/Tilt	Reset pan / tilt motors
	Head	Reset motors in the device head
	All functions	Reset all motors

Test	Test Sequence	Pre-programmed sequence to test all components
	Stress Test	Pre-programmed sequence to test all components under maximum load
	Motor Test	Activate all motors individually with values of 000 to 255
Reset Service Timer	No	Do not reset service operation time
	Yes	Reset service operation time
Password	Nur für Service-Zwecke	

SYSTEM INFORMATION (System Info)

Starting from the main screen, press MENU to enter the main menu. Use the ▲ or ▼ buttons to select the menu item **System Info** and confirm with ENTER.

----- Menu -----
DMX Address
DMX Mode
Stand Alone
Slave
Settings
Service
▶ System Info
Quicklight

---- System Info ----
▶ Firmware
Temperature
Error Info

This takes you to the submenu (see table for submenu items). Select submenu items with ▲ or ▼, confirm with ENTER, change value or status with ▲ or ▼, confirm with ENTER).

Firmware	DISP	Vx.x.x	Display the firmware version of the corresponding component
	SCAN	Vx.x.x	
	LED1	Vx.x.x	
	...	Vx.x.x	
Temperature	LED	xxx °C/°F	Display the temperature of the corresponding component
	Base	xxx °C/°F	
	FX LED	xxx °C/°F	
	Temperature Unit	°C (Celsius) °F (Fahrenheit)	Set temperature unit
Fan Speed	LED	xxxx RPM	Display the speed of the corresponding fans
	Base	xxxx RPM	
Runtime	Total	xxxx h : xx m	Total operating time
	Operation	xxxx h : xx m	Time in use
	LED	xxxx h : xx m	Lamp operating time
	Service	xxxx h : xx m	Operating time since the last reset of the service operating time
RDM UID	RDM Unique Identifier (unique identifier)		
Errors	Error display in case of malfunction		

QUICKLIGHT

Set up a scene quickly and easily using the basic Moving Head functions without an external controller. Starting from the main screen, press MENU to access the main menu. Use ▲ or ▼ to select **Quicklight** and confirm with ENTER. Now select the desired submenu item, confirm, set the value as required and confirm again.



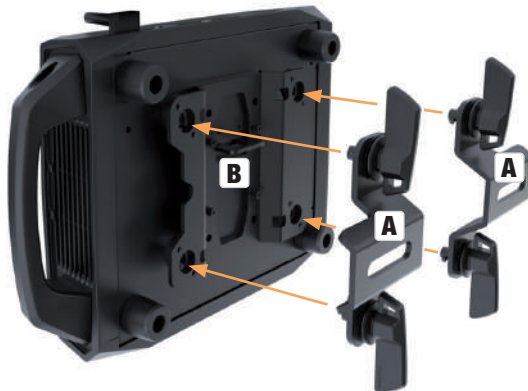
If the Quicklight mode is activated, the display does not automatically return to the main screen. Quicklight mode is automatically cancelled when you exit the Quicklight menu. The Quicklight settings are retained until the next restart of the spotlight. Quicklight can be accessed repeatedly with the same settings as long as the spotlight remains switched on. After a restart, the values are reset to the factory settings.

SETUP AND INSTALLATION



DANGER: Overhead mounting requires extensive experience, including calculating the load limit values of the mounting hardware and regular safety inspection of all installation materials and spotlights. If you do not have these qualifications, do not attempt to perform an installation yourself. Refer instead to a qualified professional. There is a risk that devices that are incorrectly mounted and secured may come loose and fall down. This can cause serious injury or death.

Thanks to its integrated rubber feet, the spotlight can be positioned in a suitable location on a level surface. It can be truss-mounted using two Omega brackets, which are attached to the base of the device (A). Two Omega brackets are included. Suitable truss clamps are available as an option. Ensure firm connections and secure the spotlight to the securing lug (B) with a suitable safety cable.



- Illustrations similar -

CARE, MAINTENANCE AND REPAIR

In order to ensure the long-term, proper functioning of the device, it must be regularly cleaned and, if necessary, serviced. The maintenance requirement depends on the intensity of use and the environment in which it is used.

We recommend a visual inspection before each operation. Furthermore, we recommend carrying out all the applicable service measures specified below once every 500 operating hours or, in the case of a lower intensity of use, at the latest after one year. Warranty claims may be limited should defects result from inadequate service and maintenance.

CARE (can be performed by the user)



WARNING! Before carrying out any care or maintenance, the power supply – and, if possible, all device connections – must be disconnected.



PLEASE NOTE! Improper care can lead to impairment or even destruction of the device.

1. Housing surfaces must be cleaned with a clean, damp cloth. Make sure that no moisture can penetrate the device.
2. Air inlets and outlets must be regularly cleaned of dust and dirt. If compressed air is used, make sure that damage to the device is prevented (e.g. fans must be blocked in this case).
3. Cables and connectors must be cleaned regularly and dust and dirt must be removed.
4. In general, no cleaning agents or abrasive agents may be used, otherwise the surface finish may be damaged.
5. Devices must be stored in a dry environment and protected from dust and dirt.

MAINTENANCE AND REPAIR (by qualified personnel only)



DANGER! There are live components in the device. Even after disconnecting the mains connection, there may still be residual voltage in the device, e.g. due to charged capacitors.



PLEASE NOTE! There are no user-serviceable assemblies in the device.

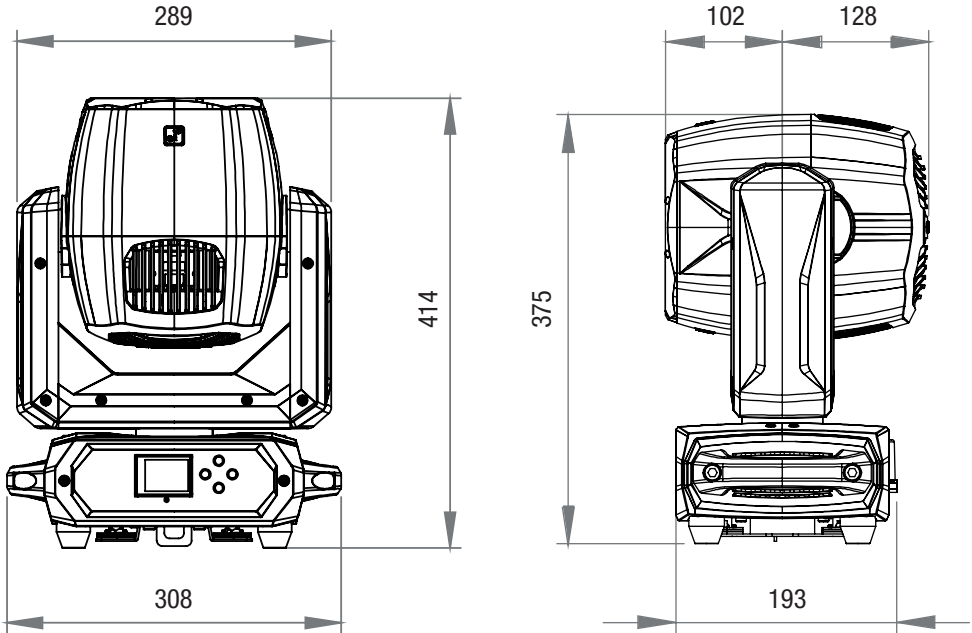


NOTE! Maintenance and repair work may only be carried out by specialist personnel authorised by the manufacturer. If in doubt, consult the manufacturer.



NOTE! Improperly performed maintenance work may affect warranty claims.

DIMENSIONS (mm)



TECHNICAL SPECIFICATIONS

Product number:	CLAZORW2
Product type:	LED moving light
Type:	Wash light
Colour spectrum (Centre LEDs):	RGBL
Number of centre LEDs:	7
LED type (Centre LEDs):	40 W
CCT (Centre LEDs):	2200 K - 8000 K
Luminous flux (Centre LEDs):	3000 lm
Light intensity:	4100 lx @ 10 m, narrow zoom
CRI (Centre LEDs):	84
Dispersion (half-peak divergence):	4,3° - 34° (6,2° - 50,9°)
Colour spectrum (FX LEDs):	Cold White
Number of FX LEDs:	4 segments with 12 LEDs each (48 LEDs in total)
LED type (FX LEDs):	2 W
PWM frequency:	650 Hz; 1530 Hz; 3600 Hz; 12 kHz; 18.9 kHz; 25 kHz
DMX input:	5-pin male XLR
DMX output:	5-pin female XLR

Control:	DMX512, RDM, iDMX stick compatible
DMX mode:	19-CH Effect, 18-channel HSI, 18-channel RGBL, 23-channel RGBL, 34-channel HSI, 36-channel RGB, 43-channel RGBL, 44-channel RGBL, 54-channel Full Access
DMX functions:	Pan (fine); Tilt (fine); Dimmer (fine); Strobe Functions; Red (fine); Green (fine); Blue (fine); Lime (fine); Hue (fine); Saturation; Colour Temperature; Tint; Colour Presets; Dimmer FX 1-4; FX Strobe; FX Pattern Selection; FX Pattern Speed, Pattern Folder; Pattern Selection; Pattern Position & Speed; Pattern Transition; Pattern Fade/Wake Effect; Background Dimmer (fine) + Strobe + Red (fine) + Green (fine) + Blue (fine) + Lime (fine) + Hue (fine) + Saturation + Colour Temperature + Tint + Colour Presets; Zoom (fine); Device Settings; Red 1-7; Green 1-7; Blue 1-7; Lime 1-7, Device Settings
Standalone functions:	User Scene 1-8, Loop 1-8, Quick Light, Master/slave operation
Pan angle:	540°/630°
Tilt angle:	250°
Controls:	MENU, ENTER, up arrow, down arrow
Display:	OLED display
Operating voltage:	100–240 V AC / 50–60 Hz
Power consumption:	480 W
Inrush current:	96 A @ 0.358 ms
Power supply connection:	True1 compatible input and output (Max. output current 9.5 A)
Power Link:	Up to 5 devices @ 230V; up to 3 devices @ 110V
Fuse:	T4AL/250 V (5 x 20 mm)
Ambient temperature (in operation):	0 40°C – 40°C
Relative air humidity:	< 85%, non-condensing
IP protection class:	IP20
Minimum distance to illuminated surface:	0.5 m
Minimum distance to normal flammable materials:	0.5 m
Housing material:	Metal, ABS
Housing colour:	Black
Housing cooling:	Temperature-controlled fan
Dimensions (W x H x D, without mounting bracket):	308 x 414 x 193 mm
Weight:	8.6 kg

RDM UID:

0x08A40057XXXX

Additional features:

Power cable (1 m) with True1-compatible plug and
2 x Omega mounting brackets included

ENGLISH

DEUTSCH

FRANCAIS

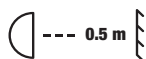
ESPAÑOL

POLSKI

ITALIANO

DMX

MINIMUM DISTANCE TO ILLUMINATED SURFACE



This symbol with the distance stated in metres (m) indicates the minimum distance of the light fixture to the illuminated surface. In this example, the distance is 0.5 m. For the applicable value for this device, please refer to the technical specifications in this manual and the imprint on the device!

MINIMUM DISTANCE TO NORMALLY FLAMMABLE MATERIALS



This symbol with the distance stated in metres (m) indicates the minimum distance of the device to normally flammable materials. In this example, the distance is 0.5 m. For the applicable value for this device, please refer to the technical specifications in this manual!

DISPOSAL



PACKAGING:

1. Packaging can be recycled using the usual disposal methods.
2. Please separate the packaging in accordance with the disposal laws and recycling regulations in your country.



DEVICE:

1. This device is subject to the European Directive on Waste Electrical and Electronic Equipment as amended. WEEE Directive Waste Electrical and Electronic Equipment. Electronic devices do not belong in household waste. The device must be disposed of via an approved disposal company or a municipal disposal facility. Please observe the applicable regulations in your country!
2. Observe all disposal laws applicable in your country.
3. As a private customer, you can obtain information on environmentally-friendly disposal options from the seller of the product or the appropriate regional authorities.

MANUFACTURER'S DECLARATIONS

Manufacturer's warranty & limitation of liability

Adam Hall GmbH | Adam-Hall-Str.1 | 61267 Neu-Anspach | Germany

E-mail: Info@adamhall.com / +49 (0)6081 / 9419-0

Our current warranty conditions and limitation of liability can be found at:

https://cdn-shop.adamhall.com/media/pdf/Manufacturers-Declarations-CAMEO_DE_EN_ES_FR.pdf

For service requests, please contact your distribution partner.

CE conformity

Adam Hall GmbH hereby confirms that this product meets the following guidelines

(where applicable):

Low-Voltage Directive (2014/35/EU)

EMC Directive (2014/30/EU)

RoHS (2011/65/EU)

RED (2014/53/EU)

EC Declaration of Conformity

Declarations of conformity for products subject to the LVD, EMC, RoHS Directive can be requested from info@adamhall.com

Declarations of conformity for products subject to RED can be downloaded from www.adamhall.com/compliance/

Subject to misprints and errors, as well as technical or other modifications!

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

19CH RGLB Effect							
Channel	Function	Values				Sub- group	Group
1	Pan	000	-	255	0% to 100%	Pan	Move- ment
2	Pan fine	000	-	255			
3	Tilt	000	-	255	0% to 100%	Tilt	
4	Tilt fine	000	-	255			
5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity
6	Dimmer fine	000	-	255			
7	Strobe Functions	000	-	005	Open	Multi- functional Strobe	Strobe
		006	-	010	Closed		
		011	-	022	Ramp up/down slow to fast		
		023	-	033	Ramp up/down random slow to fast		
		034	-	045	Ramp up slow to fast		
		046	-	056	Ramp up random slow to fast		
		057	-	068	Ramp down slow to fast		
		069	-	079	Ramp down random slow to fast		
		080	-	102	Random Strobe effect slow to fast		
		103	-	127	Strobe Break effect 5s to 1s (short burst with break)		
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)		
		251	-	255	Open		
8	Red	000	-	255	0% to 100%	Additive Color Mixing	Color Mixing
9	Green	000	-	255	0% to 100%		
10	Blue	000	-	255	0% to 100%		
11	Lime	000	-	255	0% to 100%		
12	Dimmer FX All	000	-	255	0% to 100%		
13	FX Strobe	000	-	005	Open	Multi- functional Strobe	FX Control
		006	-	010	Closed		
		011	-	022	Ramp up/down slow to fast		
		023	-	033	Ramp up/down random slow to fast		
		034	-	045	Ramp up slow to fast		
		046	-	056	Ramp up random slow to fast		

13	FX Strobe	057 - 068	Ramp down slow to fast	Multi-functional Strobe	
		069 - 079	Ramp down random slow to fast		
		080 - 102	Random Strobe effect slow to fast		
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)		
		128 - 250	Strobe slow to fast (<1Hz to 20Hz)		
		251 - 255	Open		
14	FX Pattern Selection	000 - 005	Off	FX Control	
		006 - 026	1		
		027 - 047	2		
		048 - 068	3		
		069 - 089	4		
		090 - 110	5		
		111 - 131	6		
		132 - 152	7		
		153 - 173	8		
		174 - 194	9		
		195 - 215	10		
		216 - 236	11		
237 - 255	12				
15	FX Pattern Speed	000 - 005	FX Pattern Speed Stop		
		006 - 063	FX Pattern Speed slow to fast (Chase)		
		064 - 127	FX Pattern Speed fast to slow (Chase) (backwards)		
		128 - 191	FX Pattern Speed slow to fast (Fade)		
		192 - 255	FX Pattern Speed fast to slow (Fade) (backwards)		
16	Pattern Selection	000 - 005	Off		
		006 - 009	1		
		010 - 013	2		
		014 - 017	3		
		018 - 021	4		
		022 - 025	5		
		026 - 029	6		
		030 - 033	7		
		034 - 037	8		
		038 - 041	9		
		042 - 045	10		
		046 - 201	11 to 49		
202 - 255	50				

17	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop		
		006 - 127	Effect Pattern Speed slow to fast		
		128 - 255	Effect Pattern Speed fast to slow (backwards)		
18	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
19	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	000 - 005	No function	Blackout	Control
		006 - 007	Blackout while P/T moving On		
		008 - 009	Blackout while P/T moving Off		
		010 - 024	No function	User Colors	
		025 - 025	Record User Scene 1		
		026 - 026	Record User Scene 2		
		027 - 027	Record User Scene 3		
		028 - 028	Record User Scene 4		
		029 - 029	Record User Scene 5		
		030 - 030	Record User Scene 6		
		031 - 031	Record User Scene 7		
		032 - 032	Record User Scene 8	Move- ment	
		033 - 041	No function		
		042 - 043	Invert Pan On		
		044 - 045	Invert Pan Off		
		046 - 047	Invert Tilt On		
		048 - 049	Invert Tilt Off		
		050 - 057	No Function	Pixel Mirroring	
		058 - 059	Pixel Mirroring Off		
		060 - 061	Pixel Mirroring Horizontal		
		062 - 063	Pixel Mirroring Vertical	Dimming	
		064 - 065	Pixel Mirroring Horizontal + Vertical		
		066 - 073	No function	Noise Functions	
		074 - 075	Dimmer Response LED		
		076 - 077	Dimmer Response Halogen		
		078 - 093	No function		
094 - 095	Silent movement On				
096 - 097	Silent movement Off				
098 - 099	Fan Auto				
100 - 101	Fan Off				
102 - 103	Fan Constant Low				
104 - 105	Fan Constant Medium				
106 - 107	Fan Constant High				
108 - 119	No function				

19	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	120	-	121	PWM 1 (650 Hz)	PWM Frequency	Control
		122	-	123	PWM 2 (1530 Hz)		
		124	-	125	PWM 3 (3600 Hz)		
		126	-	127	PWM 4 (12000 Hz)		
		128	-	129	PWM 5 (18900 Hz)		
		130	-	131	PWM 6 (25000 Hz)		
		132	-	133	RAW	Color Calibration	
		134	-	135	Factory Calibration		
		136	-	137	User Calibration		
		138	-	139	Smart Calibration	Display Functions	
		140	-	141	Display Always On		
		142	-	143	Display Off after 20s		
		144	-	163	No function	Dimmer Curve	
		164	-	165	Dimmer Curve Linear		
		166	-	167	Dimmer Curve Exponential		
		168	-	169	Dimmer Curve Logarithmic		
		170	-	171	Dimmer Curve S-Curve		
		172	-	221	No function	Reset	
		222	-	223	Reset Pan / Tilt		
		224	-	233	No function		
		234	-	235	Reset Head		
		236	-	237	Reset All	Load Default	
		238	-	239	No function		
		240	-	241	Load Factory Defaults		
		242	-	243	No function		
244	-	245	Load User Default A				
246	-	247	Load User Default B				
248	-	249	Load User Default C				
250	-	255	No function				

18CH HSI Wash	18CH RGBL Wash 8Bit	23CH RGBL Wash						
Channels			Function	Values			Sub-group	Group
1	1	1	Pan	000	-	255	0% to 100%	Pan
2	2	2	Pan fine	000	-	255		
3	3	3	Tilt	000	-	255	0% to 100%	Tilt
4	4	4	Tilt fine	000	-	255		

ENGLISH	5	5	5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity																															
	6	6	6	Dimmer fine	000	-	255																																		
DEUTSCH	7	7	7	Strobe Functions	000	-	005	Open	Multi-functional Strobe	Strobe																															
					006	-	010	Closed																																	
					011	-	022	Ramp up/down slow to fast																																	
					023	-	033	Ramp up/down random slow to fast																																	
					034	-	045	Ramp up slow to fast																																	
					046	-	056	Ramp up random slow to fast																																	
					057	-	068	Ramp down slow to fast																																	
					069	-	079	Ramp down random slow to fast																																	
					080	-	102	Random Strobe effect slow to fast																																	
					103	-	127	Strobe Break effect 5s to 1s (Short burst with break)																																	
FRANCAIS	7	7	7	Strobe Functions	128	-	250	Strobe slow to fast (<1Hz to 20Hz)	Multi-functional Strobe	Strobe																															
					251	-	255	Open																																	
					ESPAÑOL	8	8	8			Red	000	-	255	0% to 100%	Additive Color Mixing																									
												POLSKI	9	9			Red fine	000	-	255																					
																		ITALIANO	10	10	Green	000	-	255																	
																						DMX	12	16	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT											
																										8	9	9	Hue	000	-	255	0° (Red) to 360°	HSI							
																														10	10	Hue Fine			000	-	255				
																																			11	11	Lime	000	-	255	0% (White) to 100% (Color)
																																						13	13	Blue fine	
14	14	Lime fine	000	-	255																																				
			15	15	Lime fine	000	-	255																																	
						11	11	Saturation	000	-	255																														
									12	12	Blue	000	-	255																											
												13	13	Blue fine	000	-	255																								
															14	14	Lime	000	-	255																					
																		15	15	Lime fine	000	-	255																		

11	12	16	Color Temperature (affects Color Mixing)	006 - 006	Warm white	CCT	
				007 - 046	Warm white to 2700K		
				047 - 047	Bulb White (2700K)		
				048 - 087	2700K to 3200K		
				088 - 088	Halogen White (3200K)		
				089 - 128	3200K to 4000K		
				129 - 129	Neutral White (4000K)		
				130 - 169	4000K to 5600K		
				170 - 170	Studio White (5600K)		
				171 - 210	5600K to 6500K		
				211 - 211	Daylight White (6500K)		
				212 - 251	6500K to Cold white		
	252 - 255	Cold white					
12	13	17	Tint (affects Color Temperature)	000 - 000	Off	Tint	
				001 - 127	Magenta -> Neutral		
				128 - 128	neutral		
				129 - 255	Neutral -> Green		
13	14	18	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function	Color	Color Mixing
				006 - 013	Red		
				014 - 021	Amber		
				022 - 029	Orange		
				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/Fading Stop						
128 - 164	Color Jumping slow to fast						
165 - 201	Color Fading slow to fast						
202 - 255	No function						

ENGLISH	14	15	19	Dimmer FX All	000 - 255	0% to 100%			
	DEUTSCH	15	16	20	FX Strobe	000 - 005	Open	Multi- functional Strobe	FX Con- trol
						006 - 010	Closed		
						011 - 022	Ramp up/down slow to fast		
						023 - 033	Ramp up/down ran- dom slow to fast		
						034 - 045	Ramp up slow to fast		
						046 - 056	Ramp up random slow to fast		
						057 - 068	Ramp down slow to fast		
						069 - 079	Ramp down random slow to fast		
						080 - 102	Random Strobe effect slow to fast		
103 - 127						Strobe Break effect 5s to 1s (Short burst with break)			
FRANCAIS	16	17	21	Zoom	000 - 255	Narrow to Wide	Zoom	Beam	
									22
ESPAÑOL	18	18	23	Device settings (all settings executed are after hold- ing value for 3 seconds) (please read remark1*)	000 - 005	No function	Blackout	Control	
					006 - 007	Blackout while P/T moving On			
					008 - 009	Blackout while P/T moving Off			
					010 - 024	No function			
					025 - 025	Record User Scene 1	User Colors		
					026 - 026	Record User Scene 2			
					027 - 027	Record User Scene 3			
					028 - 028	Record User Scene 4			
					029 - 029	Record User Scene 5			
					030 - 030	Record User Scene 6			
					031 - 031	Record User Scene 7			
					032 - 032	Record User Scene 8			
					033 - 041	No function			
042 - 043	Invert Pan On	Movement							
POLSKI	17		22	Zoom fine	000 - 255	Narrow to Wide	Zoom	Beam	
ITALIANO	18	18	23	Device settings (all settings executed are after hold- ing value for 3 seconds) (please read remark1*)	000 - 005	No function	Blackout	Control	
					006 - 007	Blackout while P/T moving On			
					008 - 009	Blackout while P/T moving Off			
					010 - 024	No function			
					025 - 025	Record User Scene 1	User Colors		
					026 - 026	Record User Scene 2			
					027 - 027	Record User Scene 3			
					028 - 028	Record User Scene 4			
					029 - 029	Record User Scene 5			
					030 - 030	Record User Scene 6			
031 - 031	Record User Scene 7								
032 - 032	Record User Scene 8								
033 - 041	No function								
042 - 043	Invert Pan On	Movement							
DMX	16	17	21	Zoom	000 - 255	Narrow to Wide	Zoom	Beam	
									22

18	18	23	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	044	-	045	Invert Pan Off	Move- ment	Control
				046	-	047	Invert Tilt On		
				048	-	049	Invert Tilt Off		
				050	-	057	No Function		
				058	-	059	Pixel Mirroring Off	Pixel Mirroring	
				060	-	061	Pixel Mirroring Horizontal		
				062	-	063	Pixel Mirroring Vertical		
				064		065	Pixel Mirroring Horizontal + Vertical		
				066	-	073	No function		
				074	-	075	Dimmer Response LED	Dimming	
				076	-	077	Dimmer Response Halogen		
				078	-	093	No function		
				094	-	095	Silent movement On	Noise Functions	
				096	-	097	Silent movement Off		
				098	-	099	Fan Auto		
				100	-	101	Fan Off		
				102	-	103	Fan Constant Low		
				104	-	105	Fan Constant Medium		
				106	-	107	Fan Constant High		
				108	-	119	No function		
				120	-	121	PWM 1 (650 Hz)	PWM Fre- quency	
				122	-	123	PWM 2 (1530 Hz)		
				124	-	125	PWM 3 (3600 Hz)		
				126	-	127	PWM 4 (12000 Hz)		
				128	-	129	PWM 5 (18900 Hz)		
				130	-	131	PWM 6 (25000 Hz)		
				132	-	133	RAW	Color Cal- ibration	
				134	-	135	Factory Calibration		
				136	-	137	User Calibration		
				138	-	139	Smart Calibration		
				140	-	141	Display Always On	Display Functions	
				142	-	143	Display Off after 20s		
144	-	163	No function						
164	-	165	Dimmer Curve Linear	Dimmer Curve					
166	-	167	Dimmer Curve Exponential						
168	-	169	Dimmer Curve Logarithmic						

18	18	23	Device settings (all settings executed are after holding value for 3 seconds) (please read remark ¹ *)	170	-	171	Dimmer Curve S-Curve	Dimmer Curve	Control
				172	-	221	No function		
				222	-	223	Reset Pan / Tilt	Reset	
				224	-	233	No function		
				234	-	235	Reset Head		
				236	-	237	Reset All		
				238	-	239	No function	Load Default	
				240	-	241	Load Factory Defaults		
				242	-	243	No function		
				244	-	245	Load User Default A		
				246	-	247	Load User Default B		
				248	-	249	Load User Default C		
				250	-	255	No function		

34CH HSI Pattern	44CH RGLB Pattern							
Channels		Function	Values			Sub-group	Group	
1	1	Pan	000	-	255	0% to 100%	Pan	Movement
2	2	Pan fine	000	-	255			
3	3	Tilt	000	-	255	0% to 100%	Tilt	
4	4	Tilt fine	000	-	255			
5	5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity
6	6	Dimmer fine	000	-	255			
7	7	Strobe Functions	000	-	005	Open	Multi-functional Strobe	Strobe
			006	-	010	Closed		
			011	-	022	Ramp up/down slow to fast		
			023	-	033	Ramp up/down random slow to fast		
			034	-	045	Ramp up slow to fast		
			046	-	056	Ramp up random slow to fast		
			057	-	068	Ramp down slow to fast		
			069	-	079	Ramp down random slow to fast		
080	-	102	Random Strobe effect slow to fast					

7	7	Strobe Functions	103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	Multi-functional Strobe	Strobe
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)		
			251	-	255	Open		
	8	Red	000	-	255	0% to 100%	Additive Color Mixing	
	9	Red fine	000	-	255			
	10	Green	000	-	255			
	11	Green fine	000	-	255			
	12	Blue	000	-	255			
	13	Blue fine	000	-	255			
	14	Lime	000	-	255			
15	Lime fine	000	-	255				
8		Hue	000	-	255	0° (Red) to 360°	HSI	
9		Hue Fine	000	-	255			
10		Saturation	000	-	255			
11	16	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT	Color Mixing
			006	-	006	Warm white		
			007	-	046	Warm white to 2700K		
			047	-	047	Bulb White (2700K)		
			048	-	087	2700K to 3200K		
			088	-	088	Halogen White (3200K)		
			089	-	128	3200K to 4000K		
			129	-	129	Neutral White (4000K)		
			130	-	169	4000K to 5600K		
			170	-	170	Studio White (5600K)		
			171	-	210	5600K to 6500K		
			211	-	211	Daylight White (6500K)		
			212	-	251	6500K to Cold white		
252	-	255	Cold white					
12	17	Tint (affects Color Temperature)	000	-	000	Off	Tint	
			001	-	127	Magenta -> Neutral		
			128	-	128	neutral		
			129	-	255	Neutral -> Green		

13	18	Color Presets (override Color Mixing & Color Temperature)	000	-	005	No function	Color	Color Mixing
			006	-	013	Red		
			014	-	021	Amber		
			022	-	029	Orange		
			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/Fading Stop		
128	-	164	Color Jumping slow to fast					
165	-	201	Color Fading slow to fast					
202	-	255	No function					
14	19	Dimmer FX All	000	-	255	0% to 100%		
15	20	FX Strobe	000	-	005	Open	Multi- functional Strobe	FX Control
			006	-	010	Closed		
			011	-	022	Ramp up/down slow to fast		
			023	-	033	Ramp up/down random slow to fast		
			034	-	045	Ramp up slow to fast		
			046	-	056	Ramp up random slow to fast		
			057	-	068	Ramp down slow to fast		
			069	-	079	Ramp down random slow to fast		
			080	-	102	Random Strobe effect slow to fast		
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)		

15	20	FX Strobe	128 - 250	Strobe slow to fast (<1Hz to 20Hz)	Multi-functional Strobe	
			251 - 255	Open		
16	21	FX Pattern Selection	000 - 005	Off	FX Control	
			006 - 026	1		
			027 - 047	2		
			048 - 068	3		
			069 - 089	4		
			090 - 110	5		
			111 - 131	6		
			132 - 152	7		
			153 - 173	8		
			174 - 194	9		
			195 - 215	10		
			216 - 236	11		
237 - 255	12					
17	22	FX Pattern Speed	000 - 005	FX Pattern Speed Stop		
			006 - 063	FX Pattern Speed slow to fast (Chase)		
			064 - 127	FX Pattern Speed fast to slow (Chase) (backwards)		
			128 - 191	FX Pattern Speed slow to fast (Fade)		
			192 - 255	FX Pattern Speed fast to slow (Fade) (backwards)		
18	23	Pattern Folder	000 - 005	Off		
			006 - 064	Static Pattern 1		
			065 - 128	Static Pattern 2		
			129 - 255	Effect Pattern 1		
19	24	Pattern Selection	000 - 005	Off	Pattern	Back-ground Functions
			006 - 009	1		
			010 - 013	2		
			014 - 017	3		
			018 - 021	4		
			022 - 025	5		
			026 - 029	6		
			030 - 033	7		
			034 - 037	8		
			038 - 041	9		
			042 - 045	10		
			046 - 201	11 to 49		
202 - 255	50					

ENGLISH	20	25	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop	Pattern	
				006 - 127	Effect Pattern Speed slow to fast		
				128 - 255	Effect Pattern Speed fast to slow (backwards)		
DEUTSCH	21	26	Pattern Transition	000 - 005	0s (Off)	Pattern	
				006 - 255	0,1s to 5s		
FRANCAIS	22	27	Pattern Fade/Wake Effect	000 - 005	off	Back-ground Dimmer	
				006 - 127	Fade 0% to 100%		
				128 - 255	Wake 0% to 100%		
FRANCAIS	23	28	Back-ground Dimmer	000 - 255	0% to 100%	Back-ground Dimmer	
				000 - 255			
ESPAÑOL	25	30	Back-ground Strobe	000 - 005	Open	Back-ground Strobe	Back-ground Functions
				006 - 010	Closed		
				011 - 022	Ramp up/down slow to fast		
				023 - 033	Ramp up/down random slow to fast		
				034 - 045	Ramp up slow to fast		
				046 - 056	Ramp up random slow to fast		
				057 - 068	Ramp down slow to fast		
				069 - 079	Ramp down random slow to fast		
				080 - 102	Random Strobe effect slow to fast		
				103 - 127	Strobe Break effect 5s to 1s (Short burst with break)		
				128 - 250	Strobe slow to fast (<1Hz to 20Hz)		
POLSKI	31	Back-ground Red	000 - 255	0% to 100%	Back-ground Color Mixing		
			000 - 255				0% to 100%
ITALIANO	32	Back-ground Red fine	000 - 255	0% to 100%	Back-ground Color Mixing		
			000 - 255				0% to 100%
DMX	31	Back-ground Red	000 - 255	0% to 100%	Back-ground Color Mixing		
			000 - 255				0% to 100%

	33	Back-ground Green	000	-	255	0% to 100%	Back-ground Color Mixing	Back-ground Functions
	34	Back-ground Green fine	000	-	255			
	35	Back-ground Blue	000	-	255	0% to 100%		
	36	Back-ground Blue fine	000	-	255			
	37	Back-ground Lime	000	-	255	0% to 100%		
	38	Back-ground Lime fine	000	-	255			
26		Back-ground Hue	000	-	255	0° (Red) to 360°		
27		Back-ground Hue fine	000	-	255			
28		Back-ground Saturation	000	-	255	0% (White) to 100% (Color)		
29	39	Background Color Temperature (affects Background Color Mixing)	000	-	005	Off		
			006	-	006	Warm white		
			007	-	046	Warm white to 2700K		
			047	-	047	Bulb White (2700K)		
			048	-	087	2700K to 3200K		
			088	-	088	Halogen White (3200K)		
			089	-	128	3200K to 4000K		
			129	-	129	Neutral White (4000K)		
			130	-	169	4000K to 5600K		
			170	-	170	Studio White (5600K)		
			171	-	210	5600K to 6500K		
211	-	211	Daylight White (6500K)					
212	-	251	6500K to Cold white					

29	39	Background Color Temperature (affects Background Color Mixing)	252	-	255	Cold white	Back- ground Color Mixing	Back- ground Functions
30	40	Background Tint (affects Background Color Temperature)	000	-	000	Off		
			001	-	127	Magenta -> Neutral		
			128	-	128	neutral		
31	41	Background Color Presets (override Background Color Mixing & Color Temperature)	129	-	255	Neutral -> Green		
			000	-	005	No function		
			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/Fading Stop					
128	-	164	Color Jumping slow to fast					
165	-	201	Color Fading slow to fast					
202	-	255	No function					

32	42	Zoom	000	-	255			
33	43	Zoom fine	000	-	255	Narrow to Wide	Zoom	Beam
34	44	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	000	-	005	No function		Blackout
			006	-	007	Blackout while P/T moving On		
			008	-	009	Blackout while P/T moving Off		
			010	-	024	No function		
			025	-	025	Record User Scene 1	User Colors	
			026	-	026	Record User Scene 2		
			027	-	027	Record User Scene 3		
			028	-	028	Record User Scene 4		
			029	-	029	Record User Scene 5		
			030	-	030	Record User Scene 6		
			031	-	031	Record User Scene 7		
			032	-	032	Record User Scene 8		
			033	-	041	No function		
			042	-	043	Invert Pan On	Movement	
			044	-	045	Invert Pan Off		
			046	-	047	Invert Tilt On		
			048	-	049	Invert Tilt Off		
			050	-	057	No Function		
			058	-	059	Pixel Mirroring Off	Pixel Mirroring	
			060	-	061	Pixel Mirroring Horizontal		
			062	-	063	Pixel Mirroring Vertical		
			064		065	Pixel Mirroring Horizontal + Vertical		
			066	-	073	No function		
			074	-	075	Dimmer Response LED	Dimming	
			076	-	077	Dimmer Response Halogen		
			078	-	093	No function		
			094	-	095	Silent movement On	Noise Functions	
			096	-	097	Silent movement Off		
098	-	099	Fan Auto					
100	-	101	Fan Off					
102	-	103	Fan Constant Low					
104	-	105	Fan Constant Medium					
106	-	107	Fan Constant High					
108	-	119	No function					

34	44	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	120	-	121	PWM 1 (650 Hz)	PWM Fre- quency	Control
			122	-	123	PWM 2 (1530 Hz)		
			124	-	125	PWM 3 (3600 Hz)		
			126	-	127	PWM 4 (12000 Hz)		
			128	-	129	PWM 5 (18900 Hz)		
			130	-	131	PWM 6 (25000 Hz)		
			132	-	133	RAW	Color Cal- ibration	
			134	-	135	Factory Calibration		
			136	-	137	User Calibration		
			138	-	139	Smart Calibration	Display Functions	
			140	-	141	Display Always On		
			142	-	143	Display Off after 20s		
			144	-	163	No function		
			164	-	165	Dimmer Curve Linear	Dimmer Curve	
			166	-	167	Dimmer Curve Exponential		
			168	-	169	Dimmer Curve Logarithmic		
			170	-	171	Dimmer Curve S-Curve		
			172	-	221	No function		
			222	-	223	Reset Pan / Tilt	Reset	
			224	-	233	No function		
234	-	235	Reset Head					
236	-	237	Reset All					
238	-	239	No function					
240	-	241	Load Factory Defaults	Load Default				
242	-	243	No function					
244	-	245	Load User Default A					
246	-	247	Load User Default B					
248	-	249	Load User Default C					
250	-	255	No function					

36CH RGB Pixel	43CH RGLB Pixel						
Channels	Function	Values				Sub- group	Group
1	1	Pan	000	-	255	0% to 100%	Pan
2	2	Pan fine	000	-	255		0% to 100%
3	3	Tilt	000	-	255	Tilt	
4	4	Tilt fine	000	-	255		

5	5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity
6	6	Dimmer fine	000	-	255			
7	7	Strobe Functions	000	-	005	Open	Multi-functional Strobe	Strobe
			006	-	010	Closed		
			011	-	022	Ramp up/down slow to fast		
			023	-	033	Ramp up/down random slow to fast		
			034	-	045	Ramp up slow to fast		
			046	-	056	Ramp up random slow to fast		
			057	-	068	Ramp down slow to fast		
			069	-	079	Ramp down random slow to fast		
			080	-	102	Random Strobe effect slow to fast		
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)		
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)		
			251	-	255	Open		
8	8	Dimmer FX 1	000	-	255	0% to 100%	Multi-functional Strobe	
9	9	Dimmer FX 2	000	-	255	0% to 100%		
10	10	Dimmer FX 3	000	-	255	0% to 100%		
11	11	Dimmer FX 4	000	-	255	0% to 100%		
12	12	FX Strobe	000	-	005	Open	FX Control	
			006	-	010	Closed		
			011	-	022	Ramp up/down slow to fast		
			023	-	033	Ramp up/down random slow to fast		
			034	-	045	Ramp up slow to fast		
			046	-	056	Ramp up random slow to fast		
			057	-	068	Ramp down slow to fast		
			069	-	079	Ramp down random slow to fast		
			080	-	102	Random Strobe effect slow to fast		
			103	-	127	Strobe Break effect 5s to 1s (Short burst with break)		

12	12	FX Strobe	128 - 250	Strobe slow to fast (<1Hz to 20Hz)	Multi-functional Strobe	FX Control
			251 - 255	Open		
13	13	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
14	14	Zoom fine	000 - 255			
15	15	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	000 - 005	No function	Blackout	Control
			006 - 007	Blackout while P/T moving On		
			008 - 009	Blackout while P/T moving Off		
			010 - 024	No function	User Colors	
			025 - 025	Record User Scene 1		
			026 - 026	Record User Scene 2		
			027 - 027	Record User Scene 3		
			028 - 028	Record User Scene 4		
			029 - 029	Record User Scene 5		
			030 - 030	Record User Scene 6		
			031 - 031	Record User Scene 7		
			032 - 032	Record User Scene 8		
			033 - 041	No function	Movement	
			042 - 043	Invert Pan On		
			044 - 045	Invert Pan Off		
			046 - 047	Invert Tilt On		
			048 - 049	Invert Tilt Off	Pixel Mirroring	
			050 - 057	No Function		
			058 - 059	Pixel Mirroring Off		
			060 - 061	Pixel Mirroring Horizontal	Pixel Mirroring	
			062 - 063	Pixel Mirroring Vertical		
			064	065	Pixel Mirroring Horizontal + Vertical	
			066 - 073	No function	Dimming	
074 - 075	Dimmer Response LED					
076 - 077	Dimmer Response Halogen					
078 - 093	No function	Noise Functions				
094 - 095	Silent movement On					
096 - 097	Silent movement Off					
098 - 099	Fan Auto					
100 - 101	Fan Off					
102 - 103	Fan Constant Low					
104 - 105	Fan Constant Medium					
106 - 107	Fan Constant High					
108 - 119	No function					

15	15	Device settings (all settings executed are after holding value for 3 seconds) (please read remark1*)	120	-	121	PWM 1 (650 Hz)	PWM Frequency	Control
			122	-	123	PWM 2 (1530 Hz)		
			124	-	125	PWM 3 (3600 Hz)		
			126	-	127	PWM 4 (12000 Hz)		
			128	-	129	PWM 5 (18900 Hz)		
			130	-	131	PWM 6 (25000 Hz)		
			132	-	133	RAW	Color Calibration	
			134	-	135	Factory Calibration		
			136	-	137	User Calibration		
			138	-	139	Smart Calibration	Display Functions	
			140	-	141	Display Always On		
			142	-	143	Display Off after 20s		
			144	-	163	No function		
			164	-	165	Dimmer Curve Linear	Dimmer Curve	
			166	-	167	Dimmer Curve Exponential		
			168	-	169	Dimmer Curve Logarithmic		
			170	-	171	Dimmer Curve S-Curve		
			172	-	221	No function	Reset	
			222	-	223	Reset Pan / Tilt		
			224	-	233	No function		
			234	-	235	Reset Head		
			236	-	237	Reset All	Load Default	
			238	-	239	No function		
			240	-	241	Load Factory Defaults		
			242	-	243	No function		
244	-	245	Load User Default A					
246	-	247	Load User Default B					
248	-	249	Load User Default C					
250	-	255	No function					
16	16	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1	Single Pixel Control
17	17	Green 1	000	-	255	0% to 100%		
18	18	Blue 1	000	-	255	0% to 100%		
	19	Lime 1	000	-	255	0% to 100%		
19	20	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2	
20	21	Green 2	000	-	255	0% to 100%		
21	22	Blue 2	000	-	255	0% to 100%		
	23	Lime 2	000	-	255	0% to 100%		
22	24	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3	

23	25	Green 3	000	-	255	0% to 100%	Color Mixing Pixel 3	Single Pixel Control
24	26	Blue 3	000	-	255	0% to 100%		
	27	Lime 3	000	-	255	0% to 100%		
25	28	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4	
26	29	Green 4	000	-	255	0% to 100%		
27	30	Blue 4	000	-	255	0% to 100%		
	31	Lime 4	000	-	255	0% to 100%	Color Mixing Pixel 5	
28	32	Red 5	000	-	255	0% to 100%		
29	33	Green 5	000	-	255	0% to 100%		
30	34	Blue 5	000	-	255	0% to 100%	Color Mixing Pixel 6	
	35	Lime 5	000	-	255	0% to 100%		
31	36	Red 6	000	-	255	0% to 100%		
32	37	Green 6	000	-	255	0% to 100%	Color Mixing Pixel 7	
33	38	Blue 6	000	-	255	0% to 100%		
	39	Lime 6	000	-	255	0% to 100%		
34	40	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7	
35	41	Green 7	000	-	255	0% to 100%		
36	42	Blue 7	000	-	255	0% to 100%		
	43	Lime 7	000	-	255	0% to 100%		

54CH Full Access							
Channel	Function	Values				Sub-group	Group
1	Pan	000	-	255	0% to 100%	Pan	Move- ment
2	Pan fine	000	-	255			
3	Tilt	000	-	255	0% to 100%	Tilt	
4	Tilt fine	000	-	255			
5	Dimmer	000	-	255	0% to 100%	Dimmer	Intensity
6	Dimmer fine	000	-	255			
7	Strobe Functions	000	-	005	Open	Multi-functional Strobe	Strobe
		006	-	010	Closed		
		011	-	022	Ramp up/down slow to fast		
		023	-	033	Ramp up/down random slow to fast		
		034	-	045	Ramp up slow to fast		
		046	-	056	Ramp up random slow to fast		
		057	-	068	Ramp down slow to fast		
069	-	079	Ramp down random slow to fast				

7	Strobe Functions	080	-	102	Random Strobe effect slow to fast	Multi-functional Strobe	Strobe
		103	-	127	Strobe Break effect 5s to 1s (Short burst with break)		
		128	-	250	Strobe slow to fast (<1Hz to 20Hz)		
		251	-	255	Open		
8	Red	000	-	255	0% to 100%	Additive Color Mixing	
9	Red fine	000	-	255			
10	Green	000	-	255			
11	Green fine	000	-	255			
12	Blue	000	-	255			
13	Blue fine	000	-	255			
14	Lime	000	-	255			
15	Lime fine	000	-	255			
16	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT	Color Mixing
		006	-	006	Warm white		
		007	-	046	Warm white to 2700K		
		047	-	047	Bulb White (2700K)		
		048	-	087	2700K to 3200K		
		088	-	088	Halogen White (3200K)		
		089	-	128	3200K to 4000K		
		129	-	129	Neutral White (4000K)		
		130	-	169	4000K to 5600K		
		170	-	170	Studio White (5600K)		
		171	-	210	5600K to 6500K		
		211	-	211	Daylight White (6500K)		
212	-	251	6500K to Cold white				
252	-	255	Cold white				
17	Tint (affects Color Temperature)	000	-	000	Off	Tint	
		001	-	127	Magenta -> Neutral		
		128	-	128	neutral		
		129	-	255	Neutral -> Green		
18	Color Presets (override Color Mixing & Color Temperature)	000	-	005	No function	Color	

18	Color Presets (override Color Mixing & Color Temperature)	006 - 013	Red	Color	Color Mixing
		014 - 021	Amber		
		022 - 029	Orange		
		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 / Fading Stop		
128 - 164	Color Jumping slow to fast				
165 - 201	Color Fading slow to fast				
202 - 255	No function				
19	Dimmer FX 1	000 - 255	0% to 100%		
20	Dimmer FX 2	000 - 255	0% to 100%		
21	Dimmer FX 3	000 - 255	0% to 100%		
22	Dimmer FX 4	000 - 255	0% to 100%		
23	FX Strobe	000 - 005	Open	Multi-functional Strobe	FX
		006 - 010	Closed		
		011 - 022	Ramp up/down slow to fast		
		023 - 033	Ramp up/down random slow to fast		
		034 - 045	Ramp up slow to fast		
		046 - 056	Ramp up random slow to fast		
		057 - 068	Ramp down slow to fast		
		069 - 079	Ramp down random slow to fast		
		080 - 102	Random Strobe effect slow to fast		
		103 - 127	Strobe Break effect 5s to 1s (Short burst with break)		
128 - 250	Strobe slow to fast (<1Hz to 20Hz)				
251 - 255	Open				
24	Zoom	000 - 255	Narrow to Wide	Zoom	Beam
25	Zoom fine	000 - 255			

Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)

000	-	005	No function	
006	-	007	Blackout while P/T moving On	Blackout
008	-	009	Blackout while P/T moving Off	
010	-	024	No function	
025	-	025	Record User Scene 1	User Colors
026	-	026	Record User Scene 2	
027	-	027	Record User Scene 3	
028	-	028	Record User Scene 4	
029	-	029	Record User Scene 5	
030	-	030	Record User Scene 6	User Colors
031	-	031	Record User Scene 7	
032	-	032	Record User Scene 8	Colors
033	-	041	No function	
042	-	043	Invert Pan On	Movement
044	-	045	Invert Pan Off	
046	-	047	Invert Tilt On	
048	-	049	Invert Tilt Off	
050	-	057	No Function	
058	-	059	Pixel Mirroring Off	Pixel Mirroring
060	-	061	Pixel Mirroring Horizontal	
062	-	063	Pixel Mirroring Vertical	
064		065	Pixel Mirroring Horizontal + Vertical	
066	-	073	No function	
074	-	075	Dimmer Response LED	Dimming
076	-	077	Dimmer Response Halogen	
078	-	093	No function	
094	-	095	Silent movement On	Noise Functions
096	-	097	Silent movement Off	
098	-	099	Fan Auto	
100	-	101	Fan Off	
102	-	103	Fan Constant Low	
104	-	105	Fan Constant Medium	
106	-	107	Fan Constant High	
108	-	119	No function	
120	-	121	PWM 1 (650 Hz)	PWM Frequency
122	-	123	PWM 2 (1530 Hz)	
124	-	125	PWM 3 (3600 Hz)	
126	-	127	PWM 4 (12000 Hz)	
128	-	129	PWM 5 (18900 Hz)	
130	-	131	PWM 6 (25000 Hz)	

Control

26	Device settings (all settings executed are after holding value for 3 seconds) (please read remark 1*)	132	-	133	RAW	Color Calibration	Control
		134	-	135	Factory Calibration		
		136	-	137	User Calibration		
		138	-	139	Smart Calibration		
		140	-	141	Display Always On	Display Functions	
		142	-	143	Display Off after 20s	Display Functions	
		144	-	163	No function		
		164	-	165	Dimmer Curve Linear	Dimmer Curve	
		166	-	167	Dimmer Curve Exponential		
		168	-	169	Dimmer Curve Logarithmic		
		170	-	171	Dimmer Curve S-Curve		
		172	-	221	No function		
		222	-	223	Reset Pan / Tilt	Reset	
		224	-	233	No function		
		234	-	235	Reset Head		
		236	-	237	Reset All		
		238	-	239	No function		
		240	-	241	Load Factory Defaults	Load Default	
		242	-	243	No function		
		244	-	245	Load User Default A		
246	-	247	Load User Default B				
248	-	249	Load User Default C				
250	-	255	No function				
27	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1	Single Pixel Control
28	Green 1	000	-	255	0% to 100%		
29	Blue 1	000	-	255	0% to 100%		
30	Lime 1	000	-	255	0% to 100%		
31	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2	
32	Green 2	000	-	255	0% to 100%		
33	Blue 2	000	-	255	0% to 100%		
34	Lime 2	000	-	255	0% to 100%		
35	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3	
36	Green 3	000	-	255	0% to 100%		
37	Blue 3	000	-	255	0% to 100%		
38	Lime 3	000	-	255	0% to 100%		
39	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4	
40	Green 4	000	-	255	0% to 100%		
41	Blue 4	000	-	255	0% to 100%		
42	Lime 4	000	-	255	0% to 100%		

43	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5	Single Pixel Control
44	Green 5	000	-	255	0% to 100%		
45	Blue 5	000	-	255	0% to 100%		
46	Lime 5	000	-	255	0% to 100%		
47	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6	
48	Green 6	000	-	255	0% to 100%		
49	Blue 6	000	-	255	0% to 100%		
50	Lime 6	000	-	255	0% to 100%		
51	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7	
52	Green 7	000	-	255	0% to 100%		
53	Blue 7	000	-	255	0% to 100%		
54	Lime 7	000	-	255	0% to 100%		

- EN:** (1*) After the adjustments have been made, set the value to 000 to avoid disturbance by endless function call.
- DE:** (1*) Nachdem die Einstellungen vorgenommen wurden, stellen Sie den Wert auf 000 ein, um Störungen durch endlosen Funktionsaufruf zu vermeiden.
- FR:** (1*) Une fois les ajustements effectués, réglez la valeur sur 000 pour éviter les perturbations par appel de fonction sans fin.
- ES:** (1*) Después de realizar los ajustes, establezca el valor en 000 para evitar perturbaciones mediante una llamada de función sin fin.
- PL:** (1*) Po dokonaniu ustawień ustaw wartość na 000, aby uniknąć zakłóceń przez niekończące się wywołanie funkcji.
- IT:** (1*) Dopo aver effettuato le regolazioni, impostare il valore su 000 per evitare disturbi causati da una chiamata a funzione infinita.

ENGLISH

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