

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



PIXBAR® G2

IP65 LED BAR

CLPB400IPG2 (RGBW) / CLPB600IPG2 (RGBWAUV)

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ENGLISH

You have made the right choice!

This device has been developed and manufactured to the highest quality standards to ensure many years of problem-free operation. Please read this user manual carefully to be able to use your new Cameo product quickly and optimally. 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

The 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 SYMBOLS

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 states 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.

SAFETY INSTRUCTIONS



DANGER:

1. Do not open or modify the unit.
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 conductor must be connected correctly. Never disconnect the protective conductor. Devices of protection class 2 do not have a protective conductor.
4. Ensure that live cables are not kinked or otherwise mechanically damaged.
5. Never bypass the unit fuse.



WARNING:

1. The device may not be operated 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 operate the unit if it has been exposed to large temperature fluctuations (for example, after transport). Moisture and condensation can damage the device. Switch on the device only when it has reached room temperature.
2. Make sure that the voltage and frequency of the mains supply correspond to the values indicated on the unit. If the device has a voltage selector switch, do not connect the device until it has been set correctly. Use only suitable power cables.
3. To disconnect the unit 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 unit.
5. Make sure that appropriate measures have been taken against overvoltage (e.g. lightning strike).
6. Observe the specified maximum output current on units with Power Out connection. Ensure that the total current consumption of all connected devices does not exceed the specified value.
7. Replace pluggable mains cables only with original cables.

**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 from falling down! Make sure that the device is securely installed and will not fall down. Only use suitable stands or mounts (particularly for fixed installations). Ensure that accessories are properly installed and secured. Ensure that applicable safety regulations are observed.

**WARNING:**

1. Use the device only in the manner intended.
2. Operate the device only with the accessories recommended and intended by the manufacturer.
3. During installation, observe the safety regulations applicable in your country.
4. After connecting the unit, check all cable routes to avoid damage or accidents, e.g. due to tripping hazards.
5. Always observe the specified minimum distance to normally flammable materials! Unless explicitly stated, the minimum distance is 0.3 m.
6. Always observe the minimum distance to the illuminated surface that can be read on the device!

**CAUTION:**

1. In the case of moving components such as mounting brackets or other moving components, there is a possibility of jamming.
2. In the case of units with motor-driven components, there is a risk of injury from the movement of the unit. Sudden movement of the device can cause shock reactions.
3. The housing surface of the device can become very hot during regular operation. Ensure that accidental touching of the housing is not possible. Always allow the lamp to cool sufficiently before removal, maintenance work and charging etc.

**ATTENTION:**

1. Do not install or operate the device near any radiators, heat registers, stoves 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 burning candles near the device.
3. Ventilation openings 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 unit.
6. Observe the IP rating as well as the ambient conditions such as temperature and humidity according to the specification.
7. Devices can be constantly further developed. In the event of deviating information on operating conditions, performance or other device properties between the user manual and the device labelling, the information on the device always takes priority.
8. The unit is not suitable for tropical climates and for operation above 2000 m above sea level.
9. Unless explicitly stated, the unit 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 instructions included.

**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. In the event of a fault, please contact your distribution partner.



SIGNAL TRANSMISSION AND CONTROL BY RADIO

(e.g. W-DMX or audio radio systems, Bluetooth):

The quality and performance of wireless signal transmissions generally depends on the ambient conditions.

The following factors can impact range and signal stability, for example:

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 application with visual contact and without interference!

The operation of transmission 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: Devices with wireless signal transmission 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 with safety-related factors that could result in personal injury or property damage in the event of 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 trigger flame or pyrotechnic devices, explosion-driven effects, or to control gas or liquid effects. These include e.g. CO2 cannons, confetti shooters, water effects or similar.



NOTES ON PORTABLE OUTDOOR DEVICES

1. Temporary operation! Event equipment is generally only designed for temporary operation.
2. Continuous operation or permanent structural installation – particularly outdoors – can impair the function, surfaces and seals and accelerate material fatigue.
3. Damage to the surface coating can impair the device's corrosion protection. Damaged surface coating (e.g. scratches) must be promptly repaired by suitable measures.

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.

Included with the CLPB400IPG2 product are:

- ▶ 1 x PIXBAR® 400 IP65 G2 RGBW spotlights
- ▶ 2 sliding mounting feet with folding SPIN16® mounting spigot (pre-assembled)
- ▶ 1 x standard frost filter
- ▶ 1 x glare shield
- ▶ 1 x power cable
- ▶ User manual

Included with the CLPB600IPG2 product are:

- ▶ 1 x PIXBAR® 600 IP65 G2 RGBWAUV spotlights
- ▶ 2 sliding mounting feet with folding SPIN16® mounting spigot (pre-assembled)
- ▶ 1 x standard frost filter
- ▶ 1 x glare shield
- ▶ 1 x power cable
- ▶ User manual

INTRODUCTION

PIXBAR® 400 IP G2 Outdoor Spotlights

CLPB400IPG2 with 16 4in1 RGBW LEDs

PIXBAR® 600 IP G2 Outdoor Spotlights

CLPB600IPG2 with 16 6in1 RGBWAUV LEDs

CONTROL FUNCTIONS:**CLPB400IPG2**

1-channel, 3-channel Preset, 4-channel Direct, 7-channel Direct Control, 8-channel 16-bit, 10-channel Direct CCT, 11-channel Effect Pattern, 16-channel Wash, 36-channel Pattern, 48-channel Pixel RGB, 64-channel Pixel, 68-channel Pixel Dim, D2-channel, D4-channel Preset and D7-channel Direct DMX Control

CLPB600IPG2

1-channel, 3-channel Preset, 6-channel Direct, 9-channel Direct Control, 12-channel 16-bit, 12-channel Direct CCT, 13-channel Effect Pattern, 20-channel Wash, 44-channel Pattern, 48-channel Pixel RGB, 96-channel Pixel, 100-channel Pixel Dim, D2-channel, D4-channel Preset and D9-channel Direct DMX Control

RDM

W-DMX™

Master/Slave modes

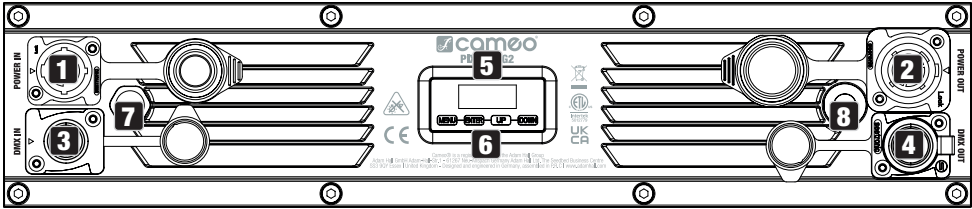
Stand-alone functions

FEATURES:

- IP65 Rating
- Convection cooling
- Operating voltage: 100 - 240 VAC

The spotlights feature the RDM standard (remote device management). This remote device management enables the status query and configuration of RDM end devices via 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



- The CLPB400IPG2 and CLPB600IPG2 models feature identical connections, operating and display elements -

1 POWER IN

IP65 mains input socket with rubber sealing cap (TRUE1 compatible). Operating voltage 100 - 240 VAC / 50 - 60 Hz. Connection via supplied power cable (when not in use, always close with rubber sealing cap).

2 POWER OUT

IP65 mains output socket with rubber sealing cap (TRUE1 compatible). Facilitates power supply to other CAMEO spotlights. Ensure that the total current consumption of all connected devices does not exceed the value specified on the device in amperes (A) (when not in use, always close with the rubber sealing cap).

3 DMX IN

Male IP65 5-pin XLR socket for connecting a DMX control device (e.g. DMX console, when not in use always close with the rubber sealing cap).

4 DMX OUT

Female IP65 5-pin XLR socket for sending DMX control signal (when not in use, always close with the rubber sealing cap).

5 OLED DISPLAY

The OLED display shows the currently activated operating mode or the current DMX address (main display), the menu items in the menu and the numerical value or operating mode in certain menu items.

6 TOUCH-SENSITIVE CONTROLS

MENU- Press MENU to access the main menu. Press again or repeatedly to return to the main display.

UP and **DOWN** – Select the menu items in the main menu (DMX address, operating mode, etc.)

and in the sub-menus using UP and DOWN. Change value or status in a menu item, e.g. DMX address. To quickly change a value, such as the DMX start address, press and hold UP or DOWN.

ENTER – Press ENTER to access the menu level to make value or status changes, and to access one of the sub-menus. Confirm value or status changes by pressing ENTER.



PLEASE NOTE:

- Before navigating the unit menu, make sure that the control panel is dry and clean so that its functionality is not impaired.
- Water on the control unit can lead to incorrect operation of the spotlight, e.g. in outdoor operation. Therefore, after configuring the spotlight, activate the lock function to prevent incorrect operation by water (Settings -> Display -> Autolock).

7 PRESSURE EQUALISATION ELEMENT

Pressure equalisation element to prevent condensation inside the housing. In order to ensure its proper function, the element must be protected from contamination.

8 W-DMX™ ANTENNA

Antenna for control via W-DMX™.



ATTENTION: To ensure IP65 splash resistance for the DMX and network sockets, the special input and output sockets must be correctly sealed with the IP65 special plugs or the rubber sealing caps must be used for sealing. When connected correctly, or when sealed correctly with the rubber sealing caps, the POWER IN and POWER OUT sockets are protected from spraying water, as in accordance with IP65.

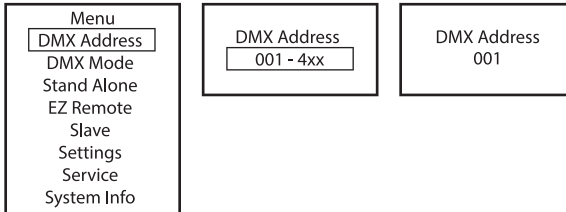
OPERATION

NOTE

- As soon as the spotlight is correctly connected to the power supply, the following are displayed in succession: “Update wait ...” (for service purposes only), “Welcome to Cameo”, the model name and the software version. After this process, the spotlight is ready for operation and the previously activated operating mode is launched.
- If there is no input for approx. 30 seconds, the display automatically returns to the main display.
- Note on the main display in the operating modes with external control: As soon as the control signal is interrupted, the characters in the display start flashing; if the control signal is present again, the flashing stops.
- Briefly pressing UP when in the main display rotates the display by 180°.

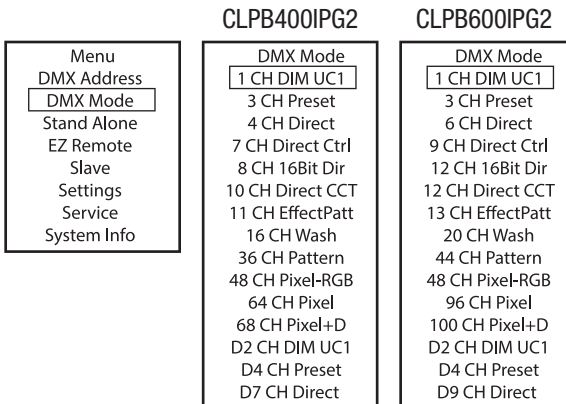
SETTING DMX START ADDRESS (DMX address)

Starting from the main display, press MENU to enter the main menu. Now use UP and DOWN to select the menu item **DMX Address** and confirm with ENTER. Using the UP and DOWN buttons, configure the desired DMX start address and press ENTER to confirm (highest value dependent upon activated DMX mode).



CONFIGURING DMX MODE (DMX Mode)

Starting from the main display, press MENU to enter the main menu. Now use UP and DOWN to select the menu item **DMX Mode** and confirm with ENTER. Now select the desired DMX mode using UP and DOWN and confirm the selection with ENTER. DMX operating modes with DMX delay channel and group selection (Group 0 - 24) are marked with "D". Tables with the channel assignments can be found in these instructions under DMX CONTROL.

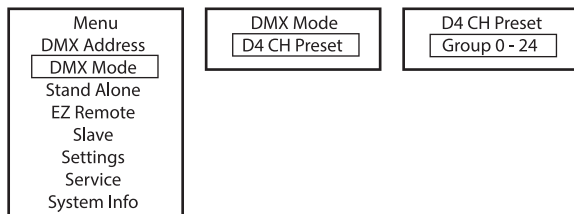


DMX modes with DMX delay channel

The DMX Delay function is a simple way to create a running light effect with a large number of spotlights that are all the same model and that are all running the same software version. This is otherwise only achievable with a suitable DMX controller and time-consuming programming. All the spotlights used (same models, same software version) are set to the same DMX operating mode with DMX delay channel and controlled via the same DMX start address.

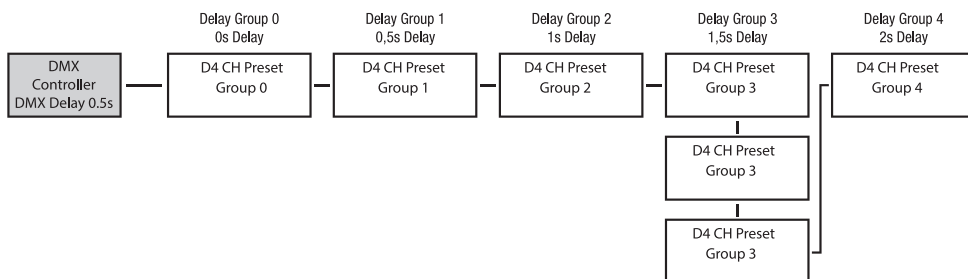
Setting the DMX delay: Select one of the DMX operating modes with DMX delay channel and confirm the selection (in the example D4 CH Preset). Assign the spotlights to one of up to 24 groups (plus Group 0) according to preference, whereby several spotlights can be assigned to one

group. The group number is also the factor by which the set delay time set in the DMX controller is multiplied. Confirm each entry by pressing ENTER.



The delay time (delay time of the DMX signal) is set by means of a DMX controller in the separate DMX delay channel of the corresponding DMX mode (0.0s to 2.0s in 0.1s increments).

Setup example:



STAND-ALONE MENU MASTER / ALONE

In the stand-alone modes Direct LED, Color Preset, CCT, HSI, Auto Program and Play Loop, the control signal of the corresponding mode can be output to slave units via XLR (DMX OUT) and W-DMX™:

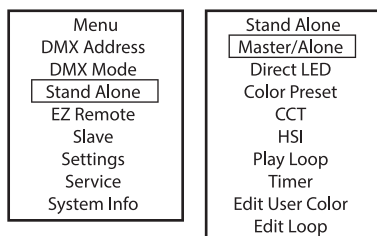
Stand Alone -> Master/Alone -> Master

If the output of the control signal is not desired, the output can be deactivated:

Stand Alone -> Master/Alone -> Alone

A delay for slave units can be set for the time-delayed output of the control signal of the stand-alone modes Auto Program and Play Loop.

Starting from the main display, press MENU to enter the main menu. Now select the **Stand Alone** menu item, confirm, select **Master/Alone** and confirm again.



This will take you to the submenu for configuring the submenu items (see table).

Master	Send to XLR		Control signal is forwarded via DMX OUT
	Send to W-DMX	On	Activate DMX control signal forwarding via W-DMX
		Off	Deactivate sending of the DMX control signal via W-DMX
		Force to pair	Pairing with ready-to-pair W-DMX devices
		Unlink All	Disconnect all W-DMX connections
	DMX Delay	Set DMX delay for slave units: Off, 0.1s - 2.0s	
Alone			Do not forward control signal

STAND-ALONE DIRECT LED MODE

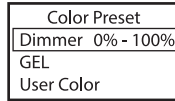
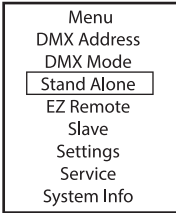
The stand-alone Direct LED mode allows dimmer, strobe, R, G, B and W (CLPB400IPG2) or R, G, B, W, A and UV (CLPB600IPG2) to be set directly on the unit, similar to a DMX controller. In this way, an individual scene can be created without an additional DMX controller.

Starting from the main display, press MENU to enter the main menu. Use UP and DOWN to select **Stand Alone**, confirm with ENTER, then select **Direct LED** and confirm again with ENTER. Now select the menu item you want to edit, confirm the selection, set the desired value and confirm the entry.

Menu DMX Address DMX Mode Stand Alone EZ Remote Slave Settings Service System Info	Stand Alone Master/Alone Direct LED Color Preset CCT HSI Play Loop Timer Edit User Color Edit Loop	CLPB400IPG2 Direct LED Dimmer 0% - 100% Red 0% - 100% Green 0% - 100% Blue 0% - 100% White 0% - 100%	CLPB600IPG2 Direct LED Dimmer 0% - 100% Red 0% - 100% Green 0% - 100% Blue 0% - 100% White 0% - 100% Amber 0% - 100% UV 0% - 100%
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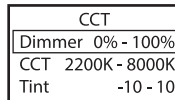
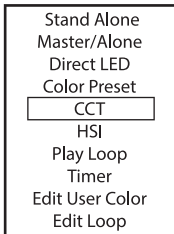
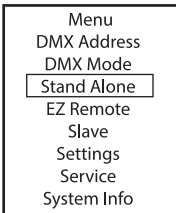
COLOUR PRESET STAND-ALONE MODE

49 different colour presets plus eight individually adjustable user presets (see **Edit User Color**) are available. The brightness can be set at a higher level. Starting from the main display, press MENU to enter the main menu. Use UP and DOWN to select the menu item **Stand Alone**, confirm the selection, then select **Color Preset** and confirm again with ENTER. Now select **GEL** or **User Color** and confirm the selection. The desired preset can now be selected, confirm the selection. Now select **Dimmer** (brightness), confirm the selection and make the settings as desired. Confirm the entry.



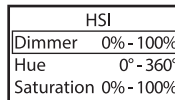
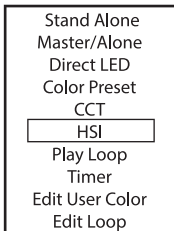
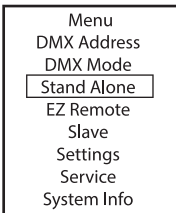
CCT STAND-ALONE MODE (Correlated Colour Temperature)

In stand-alone CCT mode, the colour temperature can be adjusted in 100K steps from 2200K to 8000K, plus the hue (tint) and brightness (dimmer). Starting from the main display, press MENU to enter the main menu. Use UP and DOWN to select the **Stand Alone** menu item, confirm the selection, then select **CCT** and confirm again with ENTER. Now select the menu item you want to edit, confirm the selection and make the settings as desired. Confirm the entry.



STAND-ALONE MODE HSI (Hue - Saturation - Intensity)

In the stand-alone HSI mode, the hue, saturation and brightness can be adjusted separately as desired. Starting from the main display, press MENU to enter the main menu. Use UP and DOWN to select the **Stand Alone** menu item, confirm the selection, then select **HSI** and confirm again with ENTER. Now select the menu item you want to edit, confirm the selection and make the settings as desired. Confirm each entry.



STAND-ALONE OPERATION MODE PLAY LOOP (8-step colour sequences 1 - 8)

The 8 available loops are pre-programmed at the factory, but can be customised in the **Edit Loop** menu item. The brightness can be set at a higher level. Starting from the main display, press MENU to enter the main menu. Using UP and DOWN, select the menu item **Stand Alone**, confirm

with ENTER, then select the submenu item **Auto** and confirm again with ENTER. Now select the menu item you want to edit, confirm the selection and make the settings as desired. Confirm each entry.

Menu DMX Address DMX Mode Stand Alone EZ Remote Slave Settings Service System Info	Stand Alone Master/Alone Direct LED Color Preset CCT HSI Play Loop Timer Edit User Color Edit Loop	Play Loop Dimmer 0% - 100% Loop 1 - 8
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TIMER FUNCTION

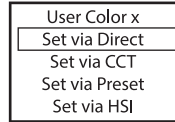
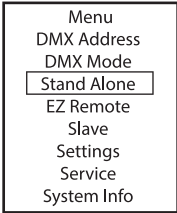
The timer function allows timed control of the Direct LED, Colour Preset, CCT and HSI stand-alone modes in such a way that the fade-in time (Fade In) can be set from 0 to 60 minutes, the dwell time from 1 to 24 hours and the fade-out time from 0 to 60 minutes. After activation of the timer function, the timer control will be implemented upon the next system start. Starting from the main display, press MENU to enter the main menu. Select **Stand Alone**, confirm the selection, then select **Timer** and confirm again. Select the setting **On** under **Timer** and confirm. For the individual timer control settings, select **Fade In**, **Dwell Time** or **Fade Out** and confirm. You can now set the respective value as desired. Confirm all entries. To deactivate the timer function, select the setting **Off** under **Timer** and confirm the entry.

Note: The timer function is suitable for use in master/slave operation via cable and W-DMX™.

Menu DMX Address DMX Mode Stand Alone EZ Remote Slave Settings Service System Info	Stand Alone Master/Alone Direct LED Color Preset CCT HSI Play Loop Timer Edit User Color Edit Loop	Timer Timer ON / OFF Fade In 0 - 60min Dwell Time 1 - 24h Fade Out 0 - 60min
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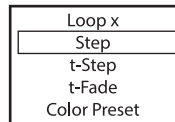
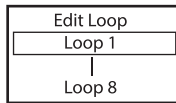
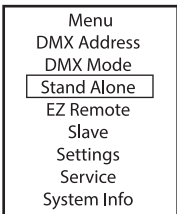
EDITING USER-PRESETS (Edit User Color)

The eight user presets available in the stand-alone mode Colour Preset can be edited individually. Starting from the main display, press MENU to enter the main menu. Using UP and DOWN you now select the menu item **Stand Alone**, confirm with ENTER, then select **Edit User Color** and confirm once again. Select the desired preset (User Color 1 - 8) and confirm the selection. Now decide which way you want to create the colour for the preset and select one of the four methods Direct, CCT, Preset and HSI and confirm the selection. Now set the desired colour as described in the instructions for the respective stand-alone mode.



EDIT LOOP (Edit Loop)

Brightness, step duration and fade time can be set separately for all eight loops. Starting from the main display, press MENU to enter the main menu. Using UP and DOWN you now select the menu item **Stand Alone**, confirm with ENTER, then select **Edit Loop** and confirm once again. Now select the desired loop for editing and confirm the selection.



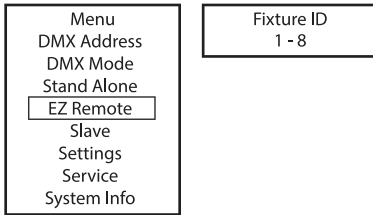
This will take you to the submenu for configuring the submenu items (see table). The settings for each loop are made separately and are retained even after restarting the device.

Step	1 - 8	Step selection
T-Step	T-Step 0s - 10s = 0,1s steps 10s - 1min = 1s steps 1min - 20min = 1min steps	Setting the step duration for the selected step
T-Fade	T-Fade 0s - 10s = 0,1s steps 10s - 1min = 1s steps 1min - 20min = 1min steps	Setting the fade time for the selected step
Color Preset	Step 1 + 2: Dark Magenta - Rose Pink, User Color 1 - 8, Blackout	Selecting the colour preset or blackout for the selected step
	Step 3 - 8: Dark Magenta - Rose Pink, User Color 1 - 8, Blackout, Skip Step	Select the colour preset or blackout or skip the selected step

EZ REMOTE CONTROL VIA CAMEO UNICON (optionally available)

Starting from the main display, press MENU to enter the main menu. Using UP and DOWN you now select the **EZ Remote** menu item and confirm by pressing ENTER. Now set the desired fixture ID (Fixture ID 1 - 8) and confirm the entry. Connect the spotlight and UNICON using a DMX

cable, select **DMX Control** in the UNICON menu, then **EZ Remote**, and enter the same unit ID. Now control the spotlight using RGB, GEL, CCT or HSI. By assigning different unit IDs, up to eight spotlights (or spotlight groups) can be controlled separately via UNICON.



SLAVE MODE

Standard slave operation: Starting from the main display, press MENU to enter the main menu. Using the UP and DOWN buttons, you now select the menu item **Slave** confirm with ENTER, select the Slave Group 0 and confirm again with ENTER. Connect the slave and master units (same model, same software version) using a DMX cable or W-DMX™ and activate one of the stand-alone modes (Direct LED, Color Preset, CCT, HSI, Auto Program, Play Loop) in the master unit. The slave unit will now follow the master unit.

Extended slave operation: If you want to control the slave units by one of the stand-alone modes **Auto Program** or **Play Loop** in master / slave operation, 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 in the slave menu of the corresponding fixture (Group). This is a simple way to create a running light effect with a large number of spotlights that are all the same model and have the same software version. This is otherwise only possible using a suitable DMX controller and time-consuming programming. Connect the slave and master units (same model, same software version) using a DMX cable or via W-DMX™

Menu DMX Address DMX Mode Stand Alone EZ Remote Slave Settings Service System Info	Slave Group Receive Mode	Group	0 - 24	Set slave group for signal delay	
				XLR (permanent aktiv)	
		Receive Mode	Wire- less	On	Activate W-DMX module
				Off	Deactivate W-DMX module
				Unlink	Disconnect all connections and place in pairing standby mode

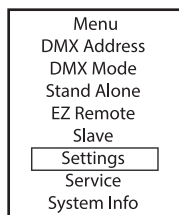
Assign the spotlights to one of up to 24 groups (plus Group 0) according to preference, whereby several spotlights can be assigned to one group. The group number is also the factor by which the delay time set in the master unit is multiplied.

Setup example:



SYSTEM SETTINGS (Settings)

Starting from the main display, press MENU to enter the main menu. Using the UP und DOWN buttons you now select the menu item **Settings** and confirm with ENTER.



This will take you to the submenu for setting the submenu items (see table, select with UP and DOWN, confirm with ENTER, change value or status with UP and DOWN, confirm with ENTER).

Wireless	=	Wireless settings	W-DMX State	On	Activate W-DMX
				Off	W-DMX deactivated
			Operating Mode	Receive	W-DMX mode: Receiver
				Transmit	G3 (G3 transmission standard)
					G4s (transmission standard G4s)
			Linking	Unlink	Uncouple all units and make them ready for coupling
				Link/Force to pair	Pair with W-DMX devices. W-DMX must be enabled on all devices, and the pairing with a transmitter be retained (Receive Reset).
Signal Routing	Send to XLR	Send incoming signal to XLR connector			
	Backup by XLR	Using the incoming signal from the XLR connector when the W-DMX signal is lost.			
	Receive only	No connection between W-DMX signal and XLR connectors			
Display	=	Display settings	Reverse	On	Display is rotated by 180° (e.g. for overhead installation)
				Off	No display rotation
			Off Timer	Always On	Display lighting permanently on
				Off after 20s	Deactivation of the display lighting after approx. 20 seconds of inactivity

Display	=	Display settings	Autolock	Off	Function disabled
				On after 60s	The controls and display are locked after approx. 60 seconds without any operation. Unlock: Press UP and DOWN simultaneously for approx. 5 seconds
Dimmer	=	Dimming behaviour and PWM frequency	Curve	Linear	Dimmer curve: The light intensity increases linearly with the DMX value
				Exponential	Dimmer curve: The light intensity can be adjusted finely in the lower DMX value range and coarsely in the upper DMX value range
				Logarithmic	Dimmer curve: The light intensity can be adjusted coarsely in the lower DMX value range and finely in the upper DMX value range
			Curve	S-Curve	Light intensity can be finely adjusted at lower and higher DMX values and broadly adjusted at medium DMX values
Dimmer	=	Dimming behaviour and PWM frequency	PWM Frequency	650 Hz, 1530 Hz, 3600 Hz, 12 kHz, 18.9 kHz, 25 kHz	Select LED PWM frequency
				Response	LED
			Halogen		Light behaves like a halogen spotlight with slight brightness changes
			Redshift	Dim to Warm	accurately mimics the colour drift of dimming a halogen spotlight. When dimming the spotlight, the colour temperature changes automatically to increasingly warm white tones and amber (and vice versa).
				Off	Function disabled
Color Calibration	=	Colour calibration	RAW		R, G, B, and W (CLPB400IPG2) or R, G, B, W, A and Uv (CLPB600IPG2) with maximum value 255
			User	CLPB400IPG2: RGBW CLPB600IPG2: RGB-WAUv	Individual colour calibration. Cross-mode brightness setting with values from 0-255
			Factory		Factory calibration (cross-mode)
			Smart		Merging factory and RAW calibration

Signal Fail	=	Operating mode on control signal interruption	Hold	Last command is retained
			Last Stand Alone	Last activated stand-alone mode is started
			Fade to Black (10s)	10s fade to blackout
			Blackout	Instant blackout
			User Color 1	User Colour 1 is activated
		Full	Full On	
Pixel Mirror	=	Mirror pixel	Off	Function disabled
			On	Pixels are mirrored
Store Default	=	Store all system settings in 3 individual presets	User A	Store with ENTER
			User B	Store with ENTER
			User C	Store with ENTER

SERVICE MENU (Service)

Starting from the main display, press MENU to enter the main menu. Select **Service** using UP and DOWN and confirm with ENTER.

Menu
DMX Address
DMX Mode
Stand Alone
EZ Remote
Slave
Settings
Service
System Info

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

Load Default	Factory	Reset to factory setting
	User A	Reset to User A values (Save user values: Settings -> Store Default)
	User B	Reset to User B values (Save user values: Settings -> Store Default)
	User C	Reset to User C values (Save user values: Settings -> Store Default)
Reset Service	No	Cancel operation
Timer	Reset now	Reset service operation time
Password		For service purposes only

SYSTEM INFORMATION (System Info)

Starting from the main display, press MENU to enter the main menu. Select **System Info** using UP and DOWN and confirm with ENTER.

Menu
DMX Address
DMX Mode
Stand Alone
EZ Remote
Slave
Settings
Service
System Info

Information on the submenu items in the system info menu and the corresponding options can be found in the table below (select with UP and DOWN, confirm with ENTER, change value or status with UP and DOWN, confirm with ENTER).

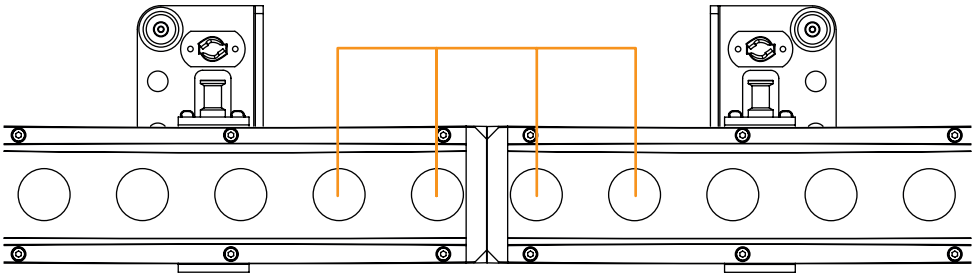
Firmware	DISP	Vx.x.x	Display of the firmware version of the corresponding component
	DRV	Vx.x.x	
Temperature	LED	xxx °C / °F	Display of the temperature of the corresponding component
	Temperature Unit	°C °F	Setting the temperature unit
Runtime	Total	xxxx h : xx m	Total operating time
	Operation	xxxx h : xx m	Usable time
	LED	xxxx h : xx m	Lamp operating time
	Service	xxxx h : xx m	Operating time after resetting the service operating time
RDM-UID	RDM Unique Identifier		

INSTALLATION



DANGER: Overhead mounting requires extensive experience, including the calculation of the load limit values of the installation material and regular safety inspection of all installation materials and spotlights. If you do not have these qualifications, do not attempt to 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.

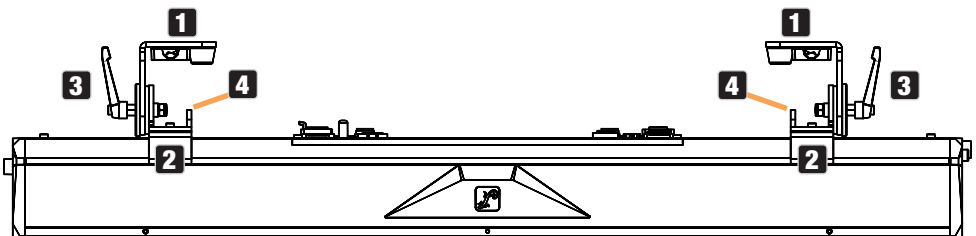
The unique coupling mechanism means that when several PIXBAR® G2 are docked, there is also a uniform pixel spacing at the transitions from one to the next PIXBAR® G2.



Thanks to the adjustable stand or mounting feet, the PIXBAR® G2 can be set up in a suitable position on a flat floor (e.g. as an uplight).

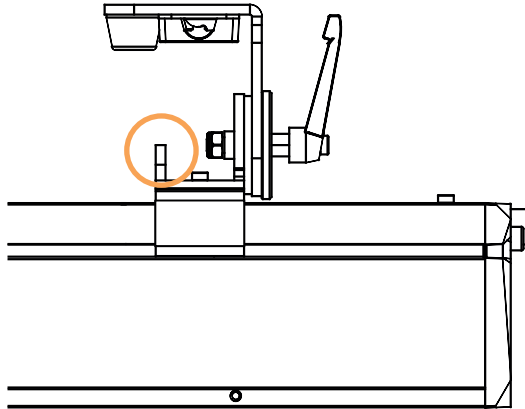
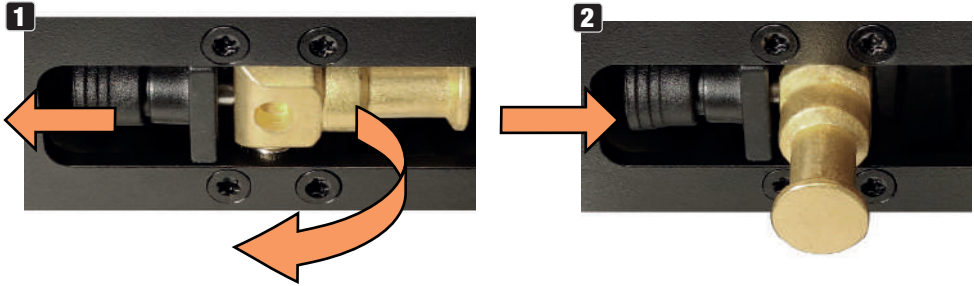
MOUNTING A PIXBAR® ON A TRUSS

Mounting on a truss is done using optionally available truss clamps, which are either attached directly to the mounting feet (1), or to optionally available Omega mounting brackets (part number CLOMEGABRACKET1). The mounting feet can be moved on the housing of the PIXBAR® G2. To do this, loosen the middle of the five hexagon socket screws (2), move the foot to the desired position and tighten the screw again. The direction of radiation can be adjusted using the tommy screws (3) on the mounting feet. Ensure that the connections are tight and that the PIXBAR® G2 cannot come loose. When mounting the PIXBAR® G2 overhead, secure it with a suitable safety rope to one of the safety lugs provided (4). When mounting several docked PIXBAR® G2 horizontally overhead, each individual PIXBAR® G2 must be attached separately to the truss with the mounting feet and secured with a suitable safety rope.



USE SPIN16 TV SPIGOT FOR MOUNTING

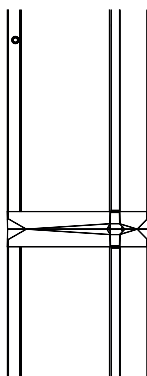
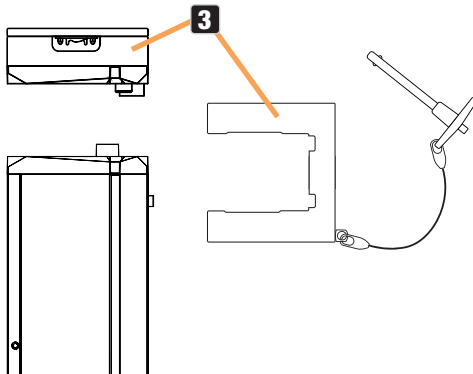
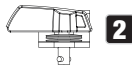
The mounting feet of the PIXBAR® G2 have 16 mm TV spigots that can be extended and retracted without tools. To unfold a TV spigot, pull the spring-loaded locking bolt out of the locking hole in the direction of the arrow (1), fold the TV spigot forwards and let the locking bolt engage in the locking hole offset by 90° (2). Use suitable truss clamps for mounting. Ensure that the connections are tight and that the headlamp cannot come loose. When mounting the headlamp overhead, secure it with a suitable safety rope to one of the safety lugs provided (see marking).



VERTICAL HANGING MOUNTING ON A TRUSS

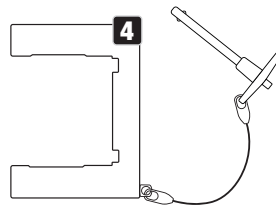
For vertical hanging mounting, up to three PIXBAR® G2 may be connected to each other. The following optionally available products must be used for this:

- 1** A suitable truss clamp with sufficient load-bearing capacity for the total load (e.g. half coupler).
- 2** One Omega Bracket (item number CLOMEGABRACKET1).
- 3** One stop set (item number CLPBG2VERTIMOUNT).
- 4** One or two connecting elements are needed to connect two or three PIXBAR® G2 and to secure the connection (item number CLPBG2STACKKIT).



The safety eyelet of the top foot of the top bar serves as a safety point. Make sure that the safety rope used to secure the bars is suitable for the total weight of the bars.

For optical reasons, the mounting feet can be folded to the side of the housing. A rubber buffer prevents the surface from being damaged.



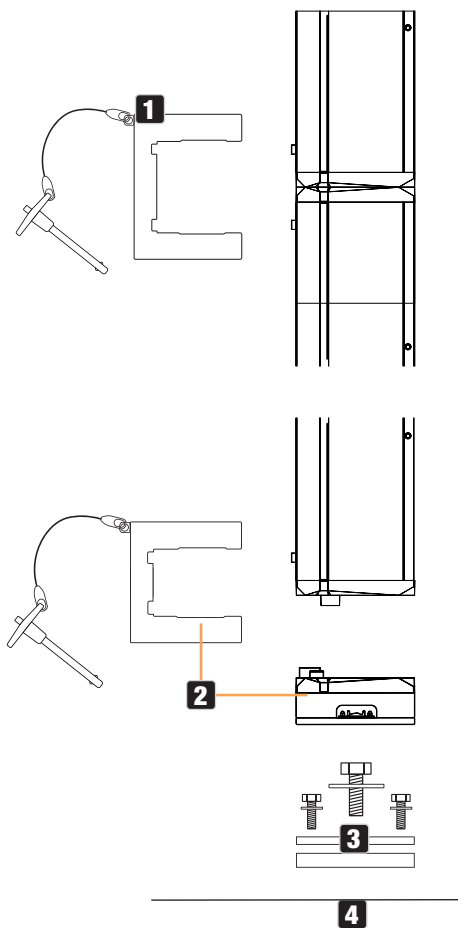
VERTICAL FLOOR MOUNTING

For vertical floor mounting, a maximum of two PIXBAR® G2 may be connected to each other. The following optionally available products must be used for this:

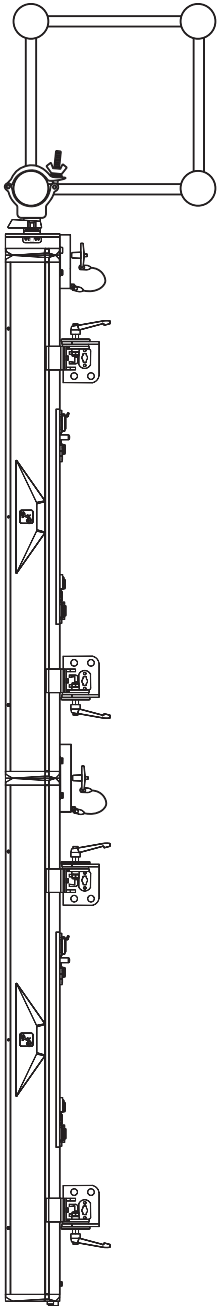
- 1** One connector (item number CLPBG2STACKKIT).
- 2** One stop set (item number CLPBG2VERTIMOUNT).
- 3** One M20 connection set (item number CLPBG2M20ADA).
- 4** A heavy steel stand with M20 thread and sufficient stability for the total load.

The stability in combination with the stand used must be assessed by the user. No additional loads may be introduced.

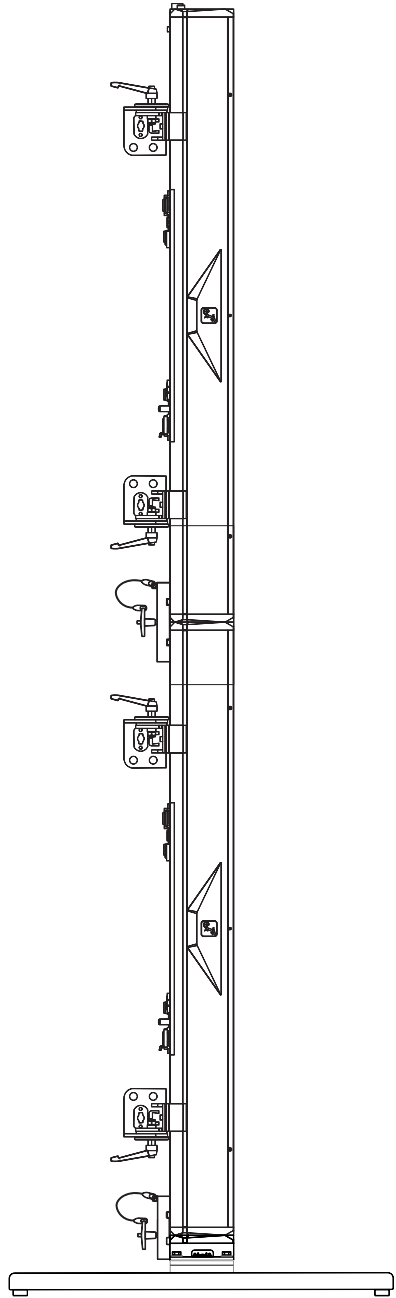
For optical reasons, the mounting feet can be folded to the side of the housing. A rubber buffer prevents the surface from being damaged.



VERTICALLY SUSPENDED TRUSS



VERTICAL FLOOR MOUNTING



ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

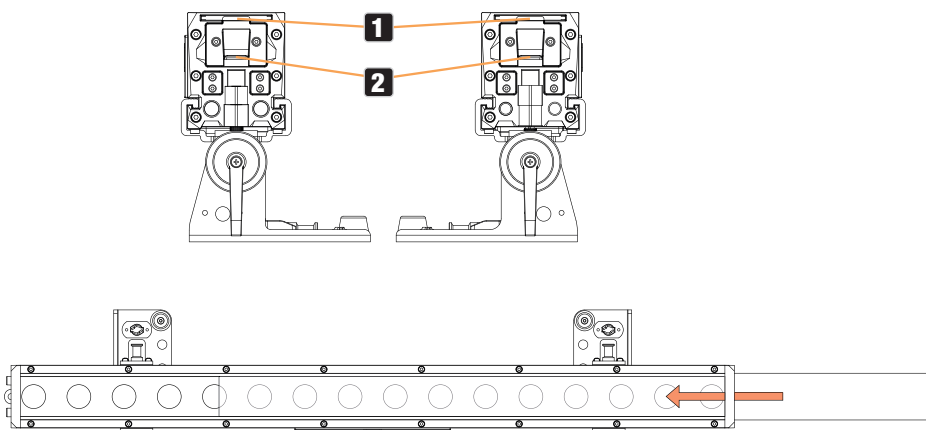
POLSKI

ITALIANO

DMX

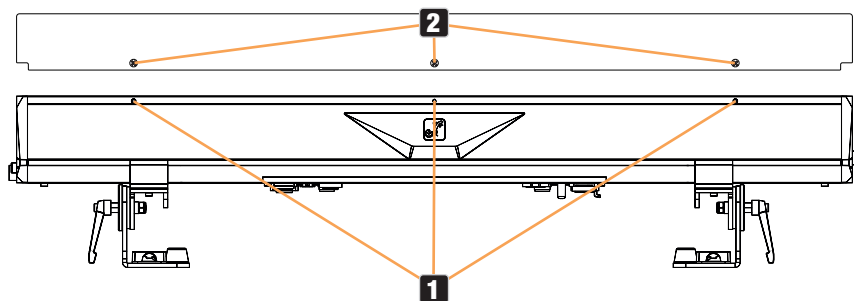
FROST FILTER

A standard frost filter is included with the PIXBAR® G2. To insert the frost filter into the holder provided for it **1** of the bar, open the sliding latch at one end of the bar (**2**, slide down the handle). After inserting the frost filter into the holder, close the latch again to prevent the filter from falling out.



GLARE SHIELD

A glare shield is included with the PIXBAR® G2. On both sides of the PIXBAR® G2 there are three threads on the top edge of the housing **1**. Mount the glare shield on the desired side of the PIXBAR® G2 using the three knurled screws **2**.



CARE, MAINTENANCE AND REPAIR

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

We generally recommend a visual inspection before each operation. Furthermore, we recommend carrying out all the applicable maintenance 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 in the event of defects resulting from inadequate maintenance.

CARE (carried out by 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 of the device or even its destruction.

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, as they could otherwise over-rev.).
3. Lines and plug contacts 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 generally be stored dry and protected from dust and dirt.
6. To ensure correct and safe operation, all accessible or removable lenses and light-emitting apertures must be cleaned regularly.

MAINTENANCE AND REPAIR (by qualified personnel only)



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



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



PLEASE NOTE! Maintenance and repair work may only be carried out by sufficiently qualified specialist personnel. If in doubt, consult a specialist workshop.



PLEASE NOTE! Improperly performed maintenance work may affect the warranty claim.



PLEASE NOTE! For conversion or retrofit sets provided by the manufacturer, be sure to observe the enclosed installation instructions.

OPTIONAL ACCESSORIES

CLPBG2FILTER55

55° frost filter

CLPBG2FILTER70

70° frost filter

CLPBG2FILTER2555

25° x 55° Frost filter

CLPBG2STACKKIT

Connecting element for the secure mechanical connection of two PIXBAR® G2

CLPBG2VERTIMOUNT

Stop set for mounting a PIXBAR® G2 on the Omega mounting bracket CLOMEGABRACKET1 and for mounting on the connection set CLPBG2M20ADA

CLOMEGABRACKET1

Omega mounting bracket

CLPBG2M20ADA

Connection set for mounting a PIXBAR® G2 on a stand with M20 thread

DIMENSIONS (mm)

ENGLISH

DEUTSCH

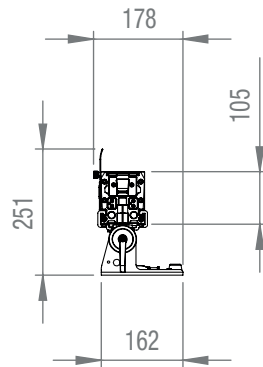
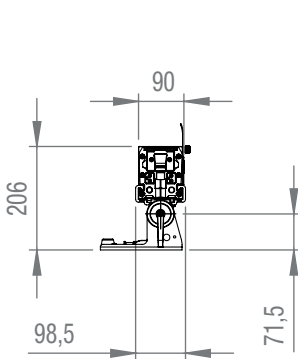
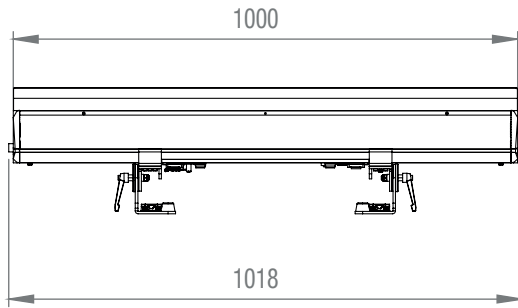
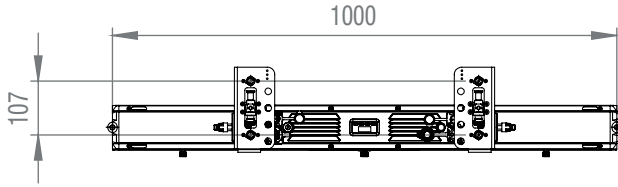
FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX



TECHNICAL DATA

Item number	CLPB400IPG2	CLPB600IPG2
Product category	Static LED light	Static LED light
Type	LED bar	LED bar
Light source	16 x 4in1 RGBW	16 x 6in1 RGBWAUv
Luminous flux	6500lm @ 6300K; R: 2500lm; G: 3600lm; W: 570lm; W: 5000lm	5300lm @ Full On; R: 1580lm; G: 2755lm; B: 427lm; W: 3175lm; A: 1753; UV: n/a
Lens / optic	16 x Acrylic Lens	16 x Acrylic Lens
PWM Frequency	650 Hz / 1530 Hz / 3600 Hz / 12000 Hz / 18900 kHz / 25000 kHz	650 Hz / 1530 Hz / 3600 Hz / 12000 Hz / 18900 kHz / 25000 kHz
Dimmer response	8 / 16 bit	8 / 16 bit
Dimmer curves	Linear, exponential, s-curve, logarithmic	Linear, exponential, s-curve, logarithmic
Halogen simulation	Yes	Yes
Strobe	0 Hz – 20 Hz	0 Hz – 20 Hz
CRI	>84 @ 5600K	>77
Beam angle / field angle	25° / 42°	24° / 46°
LED colour	R: 625nm; G: 518nm; B 545nm; W: 6036K	R: 635nm; G: 519nm; B: 448nm; W: 6100K; A: 602nm; UV: 400nm
Colour mixing	RGBW	RGBWAUv
Color control modes	RGBW Direct; CCT + Tint; HSI; Colour Presets	RGBWAUv Direct; CCT + Tint; HSI; Colour Presets
CCT	2200K - 8000K	2200K - 8000K
Colour Calibration	Raw; factory; smart	Raw; factory; smart
Control protocols	DMX; RDM; Wireless; Stand-Alone; Master-Slave; EZ-Remote	DMX; RDM; Wireless; Stand-Alone; Master-Slave; EZ-Remote
Data connections	5-pin XLR in/out IP65; Wireless DMX	5-pin XLR in/out IP65; Wireless DMX
DMX mode	1CH; 3CH; 4CH; 7CH; 8CH; 10CH; 11CH; 16CH; 36CH; 48CH; 64CH; 68CH; D2CH; D4CH; D7CH	1CH; 3CH; 6CH; 9CH; 12CH; 13CH; 20CH; 44CH; 48CH; 96CH; 100CH; D2CH; D4CH; D9CH
DMX functions:	Dimmer; Dimmer fine; Strobe Functions; Red; Red fine; Green; Green fine; Blue; Blue fine; White; White fine; Color Temperature; Tint; Color Presets; Color Preset Crossfade; Selection Folder; Pattern; Pattern Speed;	Dimmer; Dimmer fine; Strobe Functions; Red; Red fine; Green; Green fine; Blue; Blue fine; White; White fine; Amber; Amber fine; UV; UV fine; Color Temperature; Tint; Color Presets; Color Preset Crossfade; Selection Folder; Pattern; Pattern Speed; Pattern Transition; Running Effect Pattern;

ENGLISH

DEUTSCH

FRANCAIS

ESPAÑOL

POLSKI

ITALIANO

DMX

DMX functions:	Pattern Transition; Running Effect Pattern; Background Dimmer; Background Dimmer fine; Background Strobe Functions; Background Red; Background Red fine; Background Green; Background Green fine; Background Blue; Background Blue fine; Background White; Background White fine; Background Color Temperature; Background Tint; Background Color Macro; Background Macro Crossfade; Device Settings; Grouping; DMX-Delay (EZ-Chase); Pixel: R1, G1, B1, W1,... R16, G16, B16, W16	Background Dimmer; Background Dimmer fine; Background Strobe Functions; Background Red; Background Red fine; Background Green; Background Green fine; Background Blue; Background Blue fine; Background White; Background White fine; Background Amber; Background Amber fine; Background UV; Background UV fine; Background Color Temperature; Background Tint; Background Color Macro; Background Macro Crossfade; Device Settings; Grouping; DMX-Delay (EZ-Chase); Pixel: R1, G1, B1, W1, A1, Uv1,... R16, G16, B16, W16, A16, Uv16
RDM functions:	Cameo standard RDM functions	Cameo standard RDM functions
Standalone	Auto; Static; CCT; HSI; Colour Preset; Play Loop; Slave; Timer	Auto; Static; CCT; HSI; Colour Preset; Play Loop; Slave; Timer
System Settings	Wireless; Display Reverse; Display off Timer; Autolock; Signal Fail; Dimmer Curve; Dimmer Response; Redshift; PWM Frequency; Color Calibration; Load Default; Store Default; Service	Wireless; Display Reverse; Display off Timer; Autolock; Signal Fail; Dimmer Curve; Dimmer Response; Redshift; PWM Frequency; Color Calibration; Load Default; Store Default; Service
User interface	4-button navigation (MENU/ENTER/UP/DOWN)	4-button navigation (MENU/ENTER/UP/DOWN)
Display	2 row OLED	2 row OLED
IP rating:	IP65 for outdoor use	IP65 for outdoor use
Ambient temperature rating (in operation)	T -20°C - 45°C (unit operational) -10°C - 45°C (display operational)	T -20°C - 45°C (unit operational) -10°C - 45°C (display operational)
Humidity	100% to 80% (non-condensing)	100% to 80% (non-condensing)
Cooling system	Passive convection, fanless	Passive convection, fanless
Noise level	Noise free	Noise free
Operation voltage	100–240 VAC / 50–60 Hz	100–240 VAC / 50–60 Hz
Max. current	0.77 A @ 230 V / 1.62 A @ 110 V	0.77 A @ 230 V / 1.62 A @ 110 V
Inrush current	42 A	39 A
Max power consumption	180 V, 230 V, 110 V	180 V, 230 V, 110 V
Standby power	9 W	9 W
Power connectors	Seetronic IP65 In + Out	Seetronic IP65 In + Out
Power link	Up to 9 units @ 230 V; up to 5 units @ 110 V	Up to 9 units @ 230 V; up to 5 units @ 110 V

Minimum distance to the illuminated surface	0.3 m	0.3 m
Minimum distance to normal flammable materials	0.017 m	0.017 m
Housing	String cast aluminium, black powder coated	String cast aluminium, black powder coated
Dimensions w/h/d	1018 mm (1000 mm when units are linked) x 206 mm x 178 mm	1018 mm (1000 mm when units are linked) x 206 mm x 178 mm
Weight	11.8 kg	11.8 kg
RDM UID	0x08A4004C 0000-FFFF	0x08A4004D 0000-FFFF

EXPLANATIONS ON IP RATING

1. An IP rating only reflects protection from solid objects and water. It does not describe general weather resistance, such as protection from UV radiation and temperature, etc.

2. The first identification digit indicates protection from dust, solid objects and contact:

IP2X	Protected against solid foreign bodies ≥ 12.5 mm in diameter
IP3X	Protected against solid foreign bodies ≥ 2.5 mm in diameter
IP4X	Protected against solid foreign bodies ≥ 1.0 mm in diameter
IP5X	Protected against dust in harmful quantities and completely protected against contact
IP6X	Are dust-tight and completely protected against contact

3. The second identification digit indicates protection from water:

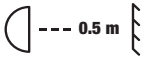
IPX0	No protection
IPX1	Protection against dripping water
IPX2	Protection against dripping water when the device is tilted up to 15°
IPX3	Protection against falling spray water up to 60° from the vertical
IPX4	Protection against splashing water on all sides
IPX5	Protection against water jets (nozzle) from any angle
IPX6	Protection against strong water jets
IPX7	Protection against temporary immersion

4. In addition, some device-specific measures such as covers and sealing caps are necessary in order to achieve the specified rating (e.g. protective caps on unused connections).



The IP rating of the product can be found in the technical data and is printed on the device.

MINIMUM DISTANCE TO ILLUMINATED SURFACE



This symbol with distance information in metres (m) indicates the minimum distance of the luminaire to the illuminated surface. In this example, the distance is 0.5 m. The value valid for this unit can be found in the technical data in this manual and in the imprint on the unit housing!

MINIMUM DISTANCE TO NORMALLY FLAMMABLE MATERIALS



This symbol with distance indication in metres (m) indicates the minimum distance of the appliance to normally flammable materials. In this example, the distance is 0.5 m. For the value valid for this unit, please refer to the technical data in this manual!

DISPOSAL



PACKAGING:

1. Packaging can be fed into the reusable material cycle 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 appliance is subject to the European Directive on Waste Electrical and Electronic Equipment as amended. WEEE Directive Waste Electrical and Electronic Equipment. Old appliances do not belong in household waste. The old 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.

ISED STATEMENT

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-5 (B)/NMB-5(B).

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes :

- (1) Cet appareil ne doit pas provoquer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

l'appareil numérique du ciem conforme canadien peut - 5 (b) / nmb - 5 (b).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

CE conformity

Adam Hall GmbH hereby confirm 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 : PB 400 IP G2

PB 400 IP G2					
1CH Dim UC1					
Channel	Function	Values			
1 (Color = Stand Alone Mode - Color Pre-set - User Color 1)	Dimmer	000	-	255	0% to 100%

PB 400 IP G2					
3CH Preset					
Channel	Function	Values			
1	Dimmer	000	-	255	0% to 100%
2	Strobe Functions	000	-	005	Open
		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)
3	Color Presets	128	-	250	Strobe slow to fast (<1Hz to 20Hz)
		251	-	255	Open
		000	-	005	No function
		006	-	009	46 Dark Magenta
		010	-	013	29 Plasa Red
		014	-	017	26 Bright Red
		018	-	021	127 Smokey Pink
		022	-	025	36 Medium Pink
026	-	029	19 Fire		
030	-	033	135 Deep Golden Amber		

3	Color Presets	034	-	037	778 Millennium Gold
		038	-	041	21 Gold Amber
		042	-	045	157 Pink
		046	-	049	110 Middle Rose
		050	-	053	109 Light Salmon
		054	-	057	35 Light Pink
		058	-	061	134 Golden Amber
		062	-	065	17 Surprise Peach
		066	-	069	746 Brown
		070	-	073	105 Orange
		074	-	077	20 Medium Amber
		078	-	081	768 Egg Yolk Yellow
		082	-	085	15 Deep Straw
		086	-	089	767 Nectarine
		090	-	093	101 Yellow
		094	-	097	100 Spring Yellow
		098	-	101	88 Lime Green
		102	-	105	121 LEE Green
		106	-	109	738 Jas Green
		110	-	113	89 Moss Green
		114	-	117	139 Primary Green
		118	-	121	124 Dark Green
		122	-	125	323 Jade
		126	-	129	354 Special Steel Blue
		130	-	133	116 Medium Blue-Green
		134	-	137	183 Moonlight Blue
		138	-	141	132 Medium Blue
		142	-	145	119 Dark Blue
		146	-	149	716 Mikkel Blue
		150	-	153	71 Tokyo Blue
		154	-	157	181 Congo Blue
		158	-	161	799 Special KH Lavender
		162	-	165	707 Ultimate Violet
		166	-	169	343 Special Medium Lavender
170	-	173	798 Chrysalis Pink		
174	-	177	701 Provence		
178	-	181	797 Deep Purple		
182	-	185	48 Rose Purple		
186	-	189	345 Fuchsia Pink		
190	-	193	795 Magical Magenta		
194	-	197	128 Bright Pink		

3	Color Presets	198 - 201	2 Rose Pink
		202 - 207	User Color 1
		208 - 213	User Color 2
		214 - 219	User Color 3
		220 - 225	User Color 4
		226 - 231	User Color 5
		232 - 237	User Color 6
		238 - 243	User Color 7
		244 - 249	User Color 8
250 - 255	No function		

PB 400 IP G2

4CH Di- rect 8Bit	8CH Di- rect 16Bit		
Channel	Channel	Function	Values
1	1	Red	000 - 255 0% to 100%
	2	Red fine	000 - 255 0% to 100%
2	3	Green	000 - 255 0% to 100%
	4	Green fine	000 - 255 0% to 100%
3	5	Blue	000 - 255 0% to 100%
	6	Blue fine	000 - 255 0% to 100%
4	7	White	000 - 255 0% to 100%
	8	White fine	000 - 255 0% to 100%

PB 400 IP G2

7CH Di- rect Ctrl	10CH Di- rect CCT				
Channel	Channel	Function	Values	Subgroup	
1	1	Dimmer	000 - 255	0% to 100%	Dimmer
	2	Dimmer fine	000 - 255		
3	3	Strobe Functions	000 - 005	Open	Multi- functional 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	

	3	Strobe Functions	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	
3	4	Red	000	-	255	0% to 100%	Additive Color Mixing
4	5	Green	000	-	255	0% to 100%	
5	6	Blue	000	-	255	0% to 100%	
6	7	White	000	-	255	0% to 100%	
	8	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT
			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	
	9	Tint (affects Color Temperature)	000	-	000	Off	Tint
			001	-	127	Magenta -> Neutral	
			128	-	128	Neutral	
			129	-	255	Neutral -> Green	

7	10	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	
			025 - 025	Record User Color 1	User Colors
			026 - 026	Record User Color 2	
			027 - 027	Record User Color 3	
			028 - 028	Record User Color 4	
			029 - 029	Record User Color 5	
			030 - 030	Record User Color 6	
			031 - 031	Record User Color 7	
			032 - 032	Record User Color 8	
			033 - 057	No function	
			058 - 059	Pixel Mirroring Off	Pixel Mirroring
			060 - 061	Pixel Mirroring On	
			062 - 073	No function	
			074 - 075	Dimmer Response LED	Dimming
			076 - 077	Dimmer Response Halogen	
			078 - 081	No function	
			082 - 083	DTW (Redshift) On	
			084 - 085	DTW (Redshift) Off	
			086 - 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)	
			132 - 133	RAW	
			134 - 135	Factory Calibration	Color Calibration
136 - 137	User Calibration				
138 - 139	Smart Calibration				
140 - 141	Display Always On	Display Functions			
142 - 143	Display Off after 20s				

7	10	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	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	-	239	No function	
			240	-	241	Load Factory Defaults	Load Default
			242	-	243	Load Factory Defaults (without User Colours & Loops)	
			244	-	245	Load User Default A	
			246	-	247	Load User Default B	
			248	-	249	Load User Default C	
250	-	255	No function				

PB 400 IP G2						
11CH Effect Pattern						
Channel	Function	Values				Subgroup
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe Functions	000	-	005	Open	Multi- functional 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	

ENGLISH	3	Strobe Functions	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	
FRANCAIS	4	Red	000 - 255	0% to 100%	Additive Color Mixing
	5	Green	000 - 255	0% to 100%	
	6	Blue	000 - 255	0% to 100%	
	7	White	000 - 255	0% to 100%	
ESPAÑOL	8	Color Presets (override Color Mixing)	000 - 005	No function	Color Presets
			006 - 009	46 Dark Magenta	
			010 - 013	29 Plasma Red	
			014 - 017	26 Bright Red	
			018 - 021	127 Smokey Pink	
			022 - 025	36 Medium Pink	
			026 - 029	19 Fire	
			030 - 033	135 Deep Golden Amber	
			034 - 037	778 Millennium Gold	
			038 - 041	21 Gold Amber	
			042 - 045	157 Pink	
			046 - 049	110 Middle Rose	
			050 - 053	109 Light Salmon	
			054 - 057	35 Light Pink	
			058 - 061	134 Golden Amber	
			062 - 065	17 Surprise Peach	
			066 - 069	746 Brown	
			070 - 073	105 Orange	
			074 - 077	20 Medium Amber	
			POLSKI	8	
082 - 085	15 Deep Straw				
086 - 089	767 Nectarine				
090 - 093	101 Yellow				
094 - 097	102 Yellow				
ITALIANO	8	Color Presets (override Color Mixing)	098 - 101	103 Yellow	Color Presets
			102 - 105	104 Yellow	
			106 - 109	105 Yellow	
			110 - 113	106 Yellow	
			114 - 117	107 Yellow	
DMX	8	Color Presets (override Color Mixing)	118 - 121	108 Yellow	Color Presets
			122 - 125	109 Yellow	
			126 - 129	110 Yellow	
			130 - 133	111 Yellow	
			134 - 137	112 Yellow	

8	Color Presets (override Color Mixing)	094 - 097	100 Spring Yellow	Color Presets
		098 - 101	88 Lime Green	
		102 - 105	121 LEE Green	
		106 - 109	738 Jas Green	
		110 - 113	89 Moss Green	
		114 - 117	139 Primary Green	
		118 - 121	124 Dark Green	
		122 - 125	323 Jade	
		126 - 129	354 Special Steel Blue	
		130 - 133	116 Medium Blue-Green	
		134 - 137	183 Moonlight Blue	
		138 - 141	132 Medium Blue	
		142 - 145	119 Dark Blue	
		146 - 149	716 Mikkell Blue	
		150 - 153	71 Tokyo Blue	
		154 - 157	181 Congo Blue	
		158 - 161	799 Special KH Lavender	
		162 - 165	707 Ultimate Violet	
		166 - 169	343 Special Medium Lavender	
		170 - 173	798 Chrysalis Pink	
		174 - 177	701 Provence	
		178 - 181	797 Deep Purple	
		182 - 185	48 Rose Purple	
		186 - 189	345 Fuchsia Pink	
		190 - 193	795 Magical Magenta	
		194 - 197	128 Bright Pink	
		198 - 201	2 Rose Pink	
		202 - 207	User Color 1	
		208 - 213	User Color 2	
		214 - 219	User Color 3	
220 - 225	User Color 4			
226 - 231	User Color 5			
232 - 237	User Color 6			
238 - 243	User Color 7			

ENGLISH	8	Color Presets (override Color Mixing)	244 - 249	User Color 8	Color Presets
			250 - 255	No function	
DEUTSCH	9	Pattern Selection	000 - 005	Off	Effect Pattern
			006 - 009	Pattern 1	
			010 - 013	Pattern 2	
			014 - 017	Pattern 3	
			018 - 021	Pattern 4	
			022 - 025	Pattern 5	
			026 - 029	Pattern 6	
			030 - 033	Pattern 7	
			034 - 037	Pattern 8	
			038 - 041	Pattern 9	
			042 - 045	Pattern 10	
			046 - 049	Pattern 11	
			050 - 053	Pattern 12	
			054 - 057	Pattern 13	
			058 - 061	Pattern 14	
			062 - 065	Pattern 15	
			066 - 069	Pattern 16	
			070 - 073	Pattern 17	
074 - 077	Pattern 18				
078 - 081	Pattern 19				
082 - 255	All LEDs on				
FRANCAIS	10	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)	
ESPAÑOL	11	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors
			025 - 025	Record User Color 1	
			026 - 026	Record User Color 2	
			027 - 027	Record User Color 3	
			028 - 028	Record User Color 4	
			029 - 029	Record User Color 5	
			030 - 030	Record User Color 6	
POLSKI	10	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)				
ITALIANO	11	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors
			025 - 025	Record User Color 1	
			026 - 026	Record User Color 2	
			027 - 027	Record User Color 3	
			028 - 028	Record User Color 4	
			029 - 029	Record User Color 5	
			030 - 030	Record User Color 6	
DMX	10	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)				

11	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	031	-	031	Record User Color 7	User Colors
		032	-	032	Record User Color 8	
		033	-	057	No function	Pixel Mirroring
		058	-	059	Pixel Mirroring Off	
		060	-	061	Pixel Mirroring On	
		062	-	073	No function	Dimming
		074	-	075	Dimmer Response LED	
		076	-	077	Dimmer Response Halogen	
		078	-	081	No function	
		082	-	083	DTW (Redshift) On	
		084	-	085	DTW (Redshift) Off	
		086	-	119	No function	PWM Frequency
		120	-	121	PWM 1 (650 Hz)	
		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)	Color Calibration
		132	-	133	RAW	
		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	-	239	No function	Load Default		
240	-	241	Load Factory Defaults			

11	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	242	-	243	Load Factory Defaults (without User Colours & Loops)	Load Default
		244	-	245	Load User Default A	
		246	-	247	Load User Default B	
		248	-	249	Load User Default C	
		250	-	255	No function	

PB 400 IP G2						
16CH Wash						
Channel	Function	Values			Subgroup	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe Functions	000	-	005	Open	Multi-functional 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)	
4	Red	128	-	250	Strobe slow to fast (<1Hz to 20Hz)	Additive Color Mixing
		251	-	255	Open	
		000	-	255	0% to 100%	

5	Red fine	000	-	255	0% to 100%	Additive Color Mixing
6	Green	000	-	255	0% to 100%	
7	Green fine	000	-	255	0% to 100%	
8	Blue	000	-	255	0% to 100%	
9	Blue fine	000	-	255	0% to 100%	
10	White	000	-	255	0% to 100%	
11	White fine	000	-	255	0% to 100%	
12	Color Temperature (affects Color Mixing)	000	-	005	Off	CCT
		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	
13	Tint (affects Color Temperature)	000	-	000	Off	Tint
		001	-	127	Magenta -> Neutral	
		128	-	128	neutral	
		129	-	255	Neutral -> Green	
14	Color Presets (override Color Mixing & Color Temperature)	000	-	005	No function	Color
		006	-	009	46 Dark Magenta	
		010	-	013	29 Plasa Red	
		014	-	017	26 Bright Red	
		018	-	021	127 Smokey Pink	
		022	-	025	36 Medium Pink	
		026	-	029	19 Fire	
		030	-	033	135 Deep Golden Amber	

14

Color Presets (override Color
Mixing & Color Temperature)

Color

034	-	037	778 Millennium Gold
038	-	041	21 Gold Amber
042	-	045	157 Pink
046	-	049	110 Middle Rose
050	-	053	109 Light Salmon
054	-	057	35 Light Pink
058	-	061	134 Golden Amber
062	-	065	17 Surprise Peach
066	-	069	746 Brown
070	-	073	105 Orange
074	-	077	20 Medium Amber
078	-	081	768 Egg Yolk Yellow
082	-	085	15 Deep Straw
086	-	089	767 Nectarine
090	-	093	101 Yellow
094	-	097	100 Spring Yellow
098	-	101	88 Lime Green
102	-	105	121 LEE Green
106	-	109	738 Jas Green
110	-	113	89 Moss Green
114	-	117	139 Primary Green
118	-	121	124 Dark Green
122	-	125	323 Jade
126	-	129	354 Special Steel Blue
130	-	133	116 Medium Blue-Green
134	-	137	183 Moonlight Blue
138	-	141	132 Medium Blue
142	-	145	119 Dark Blue
146	-	149	716 Mikkell Blue
150	-	153	71 Tokyo Blue
154	-	157	181 Congo Blue
158	-	161	799 Special KH Lavender
162	-	165	707 Ultimate Violet
166	-	169	343 Special Medium Lavender
170	-	173	798 Chrysalis Pink

14	Color Presets (override Color Mixing & Color Temperature)	174 - 177	701 Provence	Color
		178 - 181	797 Deep Purple	
		182 - 185	48 Rose Purple	
		186 - 189	345 Fuchsia Pink	
		190 - 193	795 Magical Magenta	
		194 - 197	128 Bright Pink	
		198 - 201	2 Rose Pink	
		202 - 207	User Color 1	
		208 - 213	User Color 2	
		214 - 219	User Color 3	
		220 - 225	User Color 4	
		226 - 231	User Color 5	
		232 - 237	User Color 6	
		238 - 243	User Color 7	
244 - 249	User Color 8			
250 - 255	No function			
15	Color Crossfade (affects CCT and Color Presets)	000 - 005	0s (Off)	Color
		006 - 105	0,1s - 10s (0,1s Steps)	
		106 - 214	11s - 119s (1s Steps)	
		215 - 244	2m - 4m50s (10s Steps)	
		245 - 255	5m - 15m (1m Steps)	
16	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors
		025 - 025	Record User Color 1	
		026 - 026	Record User Color 2	
		027 - 027	Record User Color 3	
		028 - 028	Record User Color 4	
		029 - 029	Record User Color 5	
		030 - 030	Record User Color 6	
		031 - 031	Record User Color 7	
		032 - 032	Record User Color 8	

16

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

033	-	057	No function	
058	-	059	Pixel Mirroring Off	Pixel Mirroring
060	-	061	Pixel Mirroring On	
062	-	073	No function	
074	-	075	Dimmer Response LED	Dimming
076	-	077	Dimmer Response Halogen	
078	-	081	No function	
082	-	083	DTW (Redshift) On	
084	-	085	DTW (Redshift) Off	
086	-	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)	
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	-	239	No function	
240	-	241	Load Factory Defaults	Load Default
242	-	243	Load Factory Defaults (without User Colours & Loops)	
244	-	245	Load User Default A	

16	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	246	-	247	Load User Default B	Load Default
		248	-	249	Load User Default C	
		250	-	255	No function	

PB 400 IP G2						
36CH Pattern						
Channel	Function	Values			Subgroup	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe Functions	000	-	005	Open	Multi-functional 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	
4	Red	000	-	255	0% to 100%	Additive Color Mixing
5	Red fine	000	-	255		
6	Green	000	-	255		
7	Green fine	000	-	255		
8	Blue	000	-	255		
9	Blue fine	000	-	255		

ENGLISH	10	White	000 - 255	0% to 100%	Additive Color Mixing
	11	White fine	000 - 255		
DEUTSCH	12	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT
			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				
FRANCAIS	13	Tint (affects Color Tempera- ture)	000 - 000	Off	Tint
			001 - 127	Magenta -> Neutral	
			128 - 128	neutral	
			129 - 255	Neutral -> Green	
ESPAÑOL	14	Color Presets (override Color Mixing & Color Temperature)	000 - 005	No function	Color
			006 - 009	46 Dark Magenta	
			010 - 013	29 Plasa Red	
			014 - 017	26 Bright Red	
			018 - 021	127 Smokey Pink	
			022 - 025	36 Medium Pink	
			026 - 029	19 Fire	
			030 - 033	135 Deep Golden Amber	
			034 - 037	778 Millennium Gold	
			038 - 041	21 Gold Amber	
			042 - 045	157 Pink	
			046 - 049	110 Middle Rose	
050 - 053	109 Light Salmon				
POLSKI					
ITALIANO					
DMX					

14	Color Presets (override Color Mixing & Color Temperature)	054 - 057	35 Light Pink	Color
		058 - 061	134 Golden Amber	
		062 - 065	17 Surprise Peach	
		066 - 069	746 Brown	
		070 - 073	105 Orange	
		074 - 077	20 Medium Amber	
		078 - 081	768 Egg Yolk Yellow	
		082 - 085	15 Deep Straw	
		086 - 089	767 Nectarine	
		090 - 093	101 Yellow	
		094 - 097	100 Spring Yellow	
		098 - 101	88 Lime Green	
		102 - 105	121 LEE Green	
		106 - 109	738 Jas Green	
		110 - 113	89 Moss Green	
		114 - 117	139 Primary Green	
		118 - 121	124 Dark Green	
		122 - 125	323 Jade	
		126 - 129	354 Special Steel Blue	
		130 - 133	116 Medium Blue-Green	
		134 - 137	183 Moonlight Blue	
		138 - 141	132 Medium Blue	
		142 - 145	119 Dark Blue	
		146 - 149	716 Mikkell Blue	
		150 - 153	71 Tokyo Blue	
		154 - 157	181 Congo Blue	
		158 - 161	799 Special KH Lavender	
		162 - 165	707 Ultimate Violet	
		166 - 169	343 Special Medium Lavender	
		170 - 173	798 Chrysalis Pink	
		174 - 177	701 Provence	
		178 - 181	797 Deep Purple	
		182 - 185	48 Rose Purple	
186 - 189	345 Fuchsia Pink			
190 - 193	795 Magical Magenta			
194 - 197	128 Bright Pink			

ENGLISH	14	Color Presets (override Color Mixing & Color Temperature)	198 - 201	2 Rose Pink	Color
			202 - 207	User Color 1	
			208 - 213	User Color 2	
			214 - 219	User Color 3	
			220 - 225	User Color 4	
			226 - 231	User Color 5	
			232 - 237	User Color 6	
			238 - 243	User Color 7	
			244 - 249	User Color 8	
			250 - 255	No function	
DEUTSCH	15	Color Crossfade (affects CCT and Color Presets)	000 - 005	0s (Off)	Color
			006 - 105	0,1s - 10s (0,1s Steps)	
			106 - 214	11s - 119s (1s Steps)	
			215 - 244	2m - 4m50s (10s Steps)	
			245 - 255	5m - 15m (1m Steps)	
FRANCAIS	16	Pattern Folder	000 - 005	Off	Pattern
			006 - 064	Static Pattern 1	
			065 - 128	Static Pattern 2	
			129 - 192	Moving Pattern 1	
			193 - 255	Moving Pattern 2	
ESPAÑOL	17	Pattern Selection	000 - 005	Off	Pattern
			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 - 229	11 to 49	
			230 - 255	50	
POLSKI	18	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop	Pattern
			006 - 127	Effect Pattern Speed slow to fast	
ITALIANO	18	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop	Pattern
			006 - 127	Effect Pattern Speed slow to fast	
DMX	18	Pattern Position & Speed	000 - 005	Effect Pattern Speed Stop	Pattern
			006 - 127	Effect Pattern Speed slow to fast	

18	Pattern Position & Speed	128	-	255	Effect Pattern Speed fast to slow (backwards)	Pattern
19	Pattern Transition	000	-	005	0s (Off)	
		006	-	255	0,1s to 5s	
20	Pattern Fade/Wake Effect	000	-	005	Off	
		006	-	127	Fade 0% to 100%	
		128	-	255	Wake 0% to 100%	
21	Background Dimmer	000	-	255	0% to 100%	Background Dimmer
22	Background Dimmer fine	000	-	255	0% to 100%	
23	Background Strobe	000	-	005	Open	Background 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 ran- dom 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	Background Red	000	-	255	Background Color Mixing	
25	Background Red fine	000	-	255		
26	Background Green	000	-	255		
27	Background Green fine	000	-	255		
28	Background Blue	000	-	255		
29	Background Blue fine	000	-	255		
30	Background White	000	-	255		
31	Background White fine	000	-	255		

32	Background Color Temperature (affects Background Color Mixing)	000 - 005	Off	Background 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	
33	Background Tint (affects Back- ground Color Temperature)	000 - 000	Off	Background Color Mixing
		001 - 127	Magenta -> Neutral	
		128 - 128	neutral	
		129 - 255	Neutral -> Green	
34	Background Color Presets (override Background Color Mixing & Color Temperature)	000 - 005	No function	Background Color Mixing
		006 - 009	46 Dark Magenta	
		010 - 013	29 Plasa Red	
		014 - 017	26 Bright Red	
		018 - 021	127 Smokey Pink	
		022 - 025	36 Medium Pink	
		026 - 029	19 Fire	
		030 - 033	135 Deep Golden Amber	
		034 - 037	778 Millennium Gold	
		038 - 041	21 Gold Amber	
		042 - 045	157 Pink	
		046 - 049	110 Middle Rose	
		050 - 053	109 Light Salmon	
		054 - 057	35 Light Pink	
058 - 061	134 Golden Amber			

34	Background Color Presets (override Background Color Mixing & Color Temperature)	062 - 065	17 Surprise Peach	Background Color Mixing
		066 - 069	746 Brown	
		070 - 073	105 Orange	
		074 - 077	20 Medium Amber	
		078 - 081	768 Egg Yolk Yellow	
		082 - 085	15 Deep Straw	
		086 - 089	767 Nectarine	
		090 - 093	101 Yellow	
		094 - 097	100 Spring Yellow	
		098 - 101	88 Lime Green	
		102 - 105	121 LEE Green	
		106 - 109	738 Jas Green	
		110 - 113	89 Moss Green	
		114 - 117	139 Primary Green	
		118 - 121	124 Dark Green	
		122 - 125	323 Jade	
		126 - 129	354 Special Steel Blue	
		130 - 133	116 Medium Blue-Green	
		134 - 137	183 Moonlight Blue	
		138 - 141	132 Medium Blue	
		142 - 145	119 Dark Blue	
		146 - 149	716 Mikkell Blue	
		150 - 153	71 Tokyo Blue	
		154 - 157	181 Congo Blue	
		158 - 161	799 Special KH Lavender	
		162 - 165	707 Ultimate Violet	
		166 - 169	343 Special Medium Lavender	
		170 - 173	798 Chrysalis Pink	
		174 - 177	701 Provence	
		178 - 181	797 Deep Purple	
		182 - 185	48 Rose Purple	
		186 - 189	345 Fuchsia Pink	
190 - 193	795 Magical Magenta			
194 - 197	128 Bright Pink			
198 - 201	2 Rose Pink			
202 - 207	User Color 1			

34	Background Color Presets (override Background Color Mixing & Color Temperature)	208 - 213	User Color 2	Background Color Mixing	
		214 - 219	User Color 3		
		220 - 225	User Color 4		
		226 - 231	User Color 5		
		232 - 237	User Color 6		
		238 - 243	User Color 7		
		244 - 249	User Color 8		
35	Background Color Crossfade (affects Background CCT and Color Presets)	250 - 255	No function	Background Color Mixing	
		000 - 005	0s (Off)		
		006 - 105	0,1s - 10s (0,1s Steps)		
		106 - 214	11s - 119s (1s Steps)		
		215 - 244	2m - 4m50s (10s Steps)		
245 - 255	5m - 15m (1m Steps)				
36	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors	
		025 - 025	Record User Color 1		
		026 - 026	Record User Color 2		
		027 - 027	Record User Color 3		
		028 - 028	Record User Color 4		
		029 - 029	Record User Color 5		
		030 - 030	Record User Color 6		
		031 - 031	Record User Color 7		
		032 - 032	Record User Color 8		
		033 - 057	No function		
		058 - 059	Pixel Mirroring Off		Pixel Mirroring
		060 - 061	Pixel Mirroring On		
		062 - 073	No function		Dimming
074 - 075	Dimmer Response LED				
076 - 077	Dimmer Response Halogen				
078 - 081	No function				

36	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	082	-	083	DTW (Redshift) On	Dimming
		084	-	085	DTW (Redshift) Off	
		086	-	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)	
		132	-	133	RAW	Color Calibration
		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	
		170	-	171	Dimmer Curve S-Curve	
		172	-	239	No function	
		240	-	241	Load Factory Defaults	Load Default
		242	-	243	Load Factory Defaults (without User Colours & Loops)	
		244	-	245	Load User Default A	
		246	-	247	Load User Default B	
248	-	249	Load User Default C			
250	-	255	No function			

PB 400 IP G2						
48CH Pixel RGB						
Channel	Function	Values			Subgroup	
1	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1
2	Green 1	000	-	255	0% to 100%	
3	Blue 1	000	-	255	0% to 100%	
4	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2
5	Green 2	000	-	255	0% to 100%	
6	Blue 2	000	-	255	0% to 100%	
7	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3
8	Green 3	000	-	255	0% to 100%	
9	Blue 3	000	-	255	0% to 100%	
10	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4
11	Green 4	000	-	255	0% to 100%	
12	Blue 4	000	-	255	0% to 100%	
13	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5
14	Green 5	000	-	255	0% to 100%	
15	Blue 5	000	-	255	0% to 100%	
16	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6
17	Green 6	000	-	255	0% to 100%	
18	Blue 6	000	-	255	0% to 100%	
19	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7
20	Green 7	000	-	255	0% to 100%	
21	Blue 7	000	-	255	0% to 100%	
22	Red 8	000	-	255	0% to 100%	Color Mixing Pixel 8
23	Green 8	000	-	255	0% to 100%	
24	Blue 8	000	-	255	0% to 100%	
25	Red 9	000	-	255	0% to 100%	Color Mixing Pixel 9
26	Green 9	000	-	255	0% to 100%	
27	Blue 9	000	-	255	0% to 100%	
28	Red 10	000	-	255	0% to 100%	Color Mixing Pixel 10
29	Green 10	000	-	255	0% to 100%	
30	Blue 10	000	-	255	0% to 100%	
31	Red 11	000	-	255	0% to 100%	Color Mixing Pixel 11
32	Green 11	000	-	255	0% to 100%	
33	Blue 11	000	-	255	0% to 100%	
34	Red 12	000	-	255	0% to 100%	Color Mixing Pixel 12
35	Green 12	000	-	255	0% to 100%	
36	Blue 12	000	-	255	0% to 100%	

37	Red 13	000	-	255	0% to 100%	Color Mixing Pixel 13
38	Green 13	000	-	255	0% to 100%	
39	Blue 13	000	-	255	0% to 100%	
40	Red 14	000	-	255	0% to 100%	Color Mixing Pixel 14
41	Green 14	000	-	255	0% to 100%	
42	Blue 14	000	-	255	0% to 100%	
43	Red 15	000	-	255	0% to 100%	Color Mixing Pixel 15
44	Green 15	000	-	255	0% to 100%	
45	Blue 15	000	-	255	0% to 100%	
46	Red 16	000	-	255	0% to 100%	Color Mixing Pixel 16
47	Green 16	000	-	255	0% to 100%	
48	Blue 16	000	-	255	0% to 100%	

PB 400 IP G2							
64CH Pixel RGBW	68CH Pixel Dim						
Channel	Channel	Function	Values			Subgroup	
	1	Dimmer	000	-	255	0% to 100%	Dimmer
	2	Dimmer fine	000	-	255	0% to 100%	
	3	Strobe Functions	000	-	005	Open	Multifunctional 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			

4	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	
		025 - 025	Record User Color 1	User Colors
		026 - 026	Record User Color 2	
		027 - 027	Record User Color 3	
		028 - 028	Record User Color 4	
		029 - 029	Record User Color 5	
		030 - 030	Record User Color 6	
		031 - 031	Record User Color 7	
		032 - 032	Record User Color 8	
		033 - 057	No function	
		058 - 059	Pixel Mirroring Off	Pixel Mirroring
		060 - 061	Pixel Mirroring On	
		062 - 073	No function	
		074 - 075	Dimmer Response LED	Dimming
		076 - 077	Dimmer Response Halogen	
		078 - 081	No function	
		082 - 083	DTW (Redshift) On	
		084 - 085	DTW (Redshift) Off	
		086 - 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)			
132 - 133	RAW	Color Calibration		
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			
170 - 171	Dimmer Curve S-Curve			
172 - 239	No function			
240 - 241	Load Factory Defaults	Load Default		

4		Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	242	-	243	Load Factory Defaults (without User Colours & Loops)	Load Default
			244	-	245	Load User Default A	
			246	-	247	Load User Default B	
			248	-	249	Load User Default C	
			250	-	255	No function	
1	5	Red 1	000	-	255	0% to 100%	Color Mixing Pixel 1
2	6	Green 1	000	-	255	0% to 100%	
3	7	Blue 1	000	-	255	0% to 100%	
4	8	White 1	000	-	255	0% to 100%	
5	9	Red 2	000	-	255	0% to 100%	Color Mixing Pixel 2
6	10	Green 2	000	-	255	0% to 100%	
7	11	Blue 2	000	-	255	0% to 100%	
8	12	White 2	000	-	255	0% to 100%	
9	13	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3
10	14	Green 3	000	-	255	0% to 100%	
11	15	Blue 3	000	-	255	0% to 100%	
12	16	White 3	000	-	255	0% to 100%	
13	17	Red 4	000	-	255	0% to 100%	Color Mixing Pixel 4
14	18	Green 4	000	-	255	0% to 100%	
15	19	Blue 4	000	-	255	0% to 100%	
16	20	White 4	000	-	255	0% to 100%	
17	21	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5
18	22	Green 5	000	-	255	0% to 100%	
19	23	Blue 5	000	-	255	0% to 100%	
20	24	White 5	000	-	255	0% to 100%	
21	25	Red 6	000	-	255	0% to 100%	Color Mixing Pixel 6
22	26	Green 6	000	-	255	0% to 100%	
23	27	Blue 6	000	-	255	0% to 100%	
24	28	White 6	000	-	255	0% to 100%	
25	29	Red 7	000	-	255	0% to 100%	Color Mixing Pixel 7
26	30	Green 7	000	-	255	0% to 100%	
27	31	Blue 7	000	-	255	0% to 100%	
28	32	White 7	000	-	255	0% to 100%	
29	33	Red 8	000	-	255	0% to 100%	Color Mixing Pixel 8
30	34	Green 8	000	-	255	0% to 100%	
31	35	Blue 8	000	-	255	0% to 100%	
32	36	White 8	000	-	255	0% to 100%	

ENGLISH	33	37	Red 9	000	-	255	0% to 100%	Color Mixing Pixel 9
	34	38	Green 9	000	-	255	0% to 100%	
	35	39	Blue 9	000	-	255	0% to 100%	
	36	40	White 9	000	-	255	0% to 100%	
DEUTSCH	37	41	Red 10	000	-	255	0% to 100%	Color Mixing Pixel 10
	38	42	Green 10	000	-	255	0% to 100%	
	39	43	Blue 10	000	-	255	0% to 100%	
	40	44	White 10	000	-	255	0% to 100%	
FRANCAIS	41	45	Red 11	000	-	255	0% to 100%	Color Mixing Pixel 11
	42	46	Green 11	000	-	255	0% to 100%	
	43	47	Blue 11	000	-	255	0% to 100%	
	44	48	White 11	000	-	255	0% to 100%	
ESPANOL	45	49	Red 12	000	-	255	0% to 100%	Color Mixing Pixel 12
	46	50	Green 12	000	-	255	0% to 100%	
	47	51	Blue 12	000	-	255	0% to 100%	
	48	52	White 12	000	-	255	0% to 100%	
POLSKI	49	53	Red 13	000	-	255	0% to 100%	Color Mixing Pixel 13
	50	54	Green 13	000	-	255	0% to 100%	
	51	55	Blue 13	000	-	255	0% to 100%	
	52	56	White 13	000	-	255	0% to 100%	
ITALIANO	53	57	Red 14	000	-	255	0% to 100%	Color Mixing Pixel 14
	54	58	Green 14	000	-	255	0% to 100%	
	55	59	Blue 14	000	-	255	0% to 100%	
	56	60	White 14	000	-	255	0% to 100%	
DMX	57	61	Red 15	000	-	255	0% to 100%	Color Mixing Pixel 15
	58	62	Green 15	000	-	255	0% to 100%	
	59	63	Blue 15	000	-	255	0% to 100%	
	60	64	White 15	000	-	255	0% to 100%	
	61	65	Red 16	000	-	255	0% to 100%	Color Mixing Pixel 16
	62	66	Green 16	000	-	255	0% to 100%	
	63	67	Blue 16	000	-	255	0% to 100%	
	64	68	White 16	000	-	255	0% to 100%	

PB 400 IP G2								
D2CH Dim UC1	D4CH Preset	D7CH Direct						
Channel	Channel	Channel	Function	Values				
1 Color = Stand Alone Mode - Color Pre- set - User Color 1	1	1	Dimmer	000 - 255	0% to 100%			
				2	2	Strobe Functions	000 - 005	Open
							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							
		3	Red	000 - 255	0% to 100%			
		4	Green	000 - 255	0% to 100%			
		5	Blue	000 - 255	0% to 100%			
		6	White	000 - 255	0% to 100%			
3			Color Pre- sets (over- ride Color Mixing)	000 - 005	No function			
				006 - 009	46 Dark Magenta			
				010 - 013	29 Plasa Red			
				014 - 017	26 Bright Red			
				018 - 021	127 Smokey Pink			
				022 - 025	36 Medium Pink			
				026 - 029	19 Fire			
				030 - 033	135 Deep Golden Amber			
				034 - 037	778 Millennium Gold			
				038 - 041	21 Gold Amber			
				042 - 045	157 Pink			
				046 - 049	110 Middle Rose			
				050 - 053	109 Light Salmon			
				054 - 057	35 Light Pink			
058 - 061	134 Golden Amber							

3

Color Pre-sets (override Color Mixing)

062	-	065	17 Surprise Peach
066	-	069	746 Brown
070	-	073	105 Orange
074	-	077	20 Medium Amber
078	-	081	768 Egg Yolk Yellow
082	-	085	15 Deep Straw
086	-	089	767 Nectarine
090	-	093	101 Yellow
094	-	097	100 Spring Yellow
098	-	101	88 Lime Green
102	-	105	121 LEE Green
106	-	109	738 Jas Green
110	-	113	89 Moss Green
114	-	117	139 Primary Green
118	-	121	124 Dark Green
122	-	125	323 Jade
126	-	129	354 Special Steel Blue
130	-	133	116 Medium Blue-Green
134	-	137	183 Moonlight Blue
138	-	141	132 Medium Blue
142	-	145	119 Dark Blue
146	-	149	716 Mikkel Blue
150	-	153	71 Tokyo Blue
154	-	157	181 Congo Blue
158	-	161	799 Special KH Lavender
162	-	165	707 Ultimate Violet
166	-	169	343 Special Medium Lavender
170	-	173	798 Chrysalis Pink
174	-	177	701 Provence
178	-	181	797 Deep Purple
182	-	185	48 Rose Purple
186	-	189	345 Fuchsia Pink
190	-	193	795 Magical Magenta
194	-	197	128 Bright Pink
198	-	201	2 Rose Pink
202	-	207	User Color 1
208	-	213	User Color 2
214	-	219	User Color 3
220	-	225	User Color 4
226	-	231	User Color 5
232	-	237	User Color 6

	3		Color Pre-sets (override Color Mixing)	238	-	243	User Color 7
				244	-	249	User Color 8
				250	-	255	No function
2	4	7	DMX Delay	000	-	005	Off (no delay)
				006	-	255	0,1s to 2,0s

PB 600 IP G2							
1CH							
Dim UC1							
Channel	Function	Values					
1 (Color = Stand Alone Mode - Color Pre-set - User Color 1)	Dimmer	000	-	255	0% to 100%		

PB 600 IPG2							
3CH							
Preset							
Channel	Function	Values					
1	Dimmer	000	-	255	0% to 100%		
2	Strobe Functions	000	-	005	Open		
		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)		
3	Color Presets	128	-	250	Strobe slow to fast (<1Hz to 20Hz)		
		251	-	255	Open		
		000	-	005	No function		
		006	-	009	46 Dark Magenta		
		010	-	013	29 Plasa Red		
		014	-	017	26 Bright Red		

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Color Presets

018	-	021	127 Smokey Pink
022	-	025	36 Medium Pink
026	-	029	19 Fire
030	-	033	135 Deep Golden Amber
034	-	037	778 Millennium Gold
038	-	041	21 Gold Amber
042	-	045	157 Pink
046	-	049	110 Middle Rose
050	-	053	109 Light Salmon
054	-	057	35 Light Pink
058	-	061	134 Golden Amber
062	-	065	17 Surprise Peach
066	-	069	746 Brown
070	-	073	105 Orange
074	-	077	20 Medium Amber
078	-	081	768 Egg Yolk Yellow
082	-	085	15 Deep Straw
086	-	089	767 Nectarine
090	-	093	101 Yellow
094	-	097	100 Spring Yellow
098	-	101	88 Lime Green
102	-	105	121 LEE Green
106	-	109	738 Jas Green
110	-	113	89 Moss Green
114	-	117	139 Primary Green
118	-	121	124 Dark Green
122	-	125	323 Jade
126	-	129	354 Special Steel Blue
130	-	133	116 Medium Blue-Green
134	-	137	183 Moonlight Blue
138	-	141	132 Medium Blue
142	-	145	119 Dark Blue
146	-	149	716 Mikkel Blue
150	-	153	71 Tokyo Blue
154	-	157	181 Congo Blue
158	-	161	799 Special KH Lavender
162	-	165	707 Ultimate Violet
166	-	169	343 Special Medium Lavender
170	-	173	798 Chrysalis Pink
174	-	177	701 Provence
178	-	181	797 Deep Purple
182	-	185	48 Rose Purple

3	Color Presets	186	-	189	345 Fuchsia Pink
		190	-	193	795 Magical Magenta
		194	-	197	128 Bright Pink
		198	-	201	2 Rose Pink
		202	-	207	User Color 1
		208	-	213	User Color 2
		214	-	219	User Color 3
		220	-	225	User Color 4
		226	-	231	User Color 5
		232	-	237	User Color 6
		238	-	243	User Color 7
		244	-	249	User Color 8
		250	-	255	No function

PB 600 IPG2						
6CH	12CH					
Direct	Direct 16Bit					
Channel	Channel	Function	Values			
1	1	Red	000	-	255	0% to 100%
	2	Red fine	000	-	255	0% to 100%
2	3	Green	000	-	255	0% to 100%
	4	Green fine	000	-	255	0% to 100%
3	5	Blue	000	-	255	0% to 100%
	6	Blue fine	000	-	255	0% to 100%
4	7	White	000	-	255	0% to 100%
	8	White fine	000	-	255	0% to 100%
5	9	Amber	000	-	255	0% to 100%
	10	Amber fine	000	-	255	0% to 100%
6	11	UV	000	-	255	0% to 100%
	12	UV fine	000	-	255	0% to 100%

PB 600 IPG2						
9CH	12CH					
Direct Control	Direct CCT					
Channel	Channel	Function	Values			Subgroup
1	1	Dimmer	000	-	255	0% to 100%
2	2	Dimmer fine	000	-	255	0% to 100%
	3	Strobe Functions	000	-	005	Open
						Multi-functional Strobe

ENGLISH	3	Strobe Functions	006 - 010	Closed	Multi-functional Strobe
			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				
3	4	Red	000 - 255	0% to 100%	Additive Color Mixing
4	5	Green	000 - 255	0% to 100%	
5	6	Blue	000 - 255	0% to 100%	
6	7	White	000 - 255	0% to 100%	
7	8	Amber	000 - 255	0% to 100%	
8	9	UV	000 - 255	0% to 100%	
ITALIANO	10	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT
			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	
DEUTSCH	3	Strobe Functions	006 - 010	Closed	Multi-functional Strobe
			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				
FRANCAIS	3	Strobe Functions	006 - 010	Closed	Multi-functional Strobe
			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	
POLSKI	3	Strobe Functions	006 - 010	Closed	Multi-functional Strobe
			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	
DMX	10	Color Temperature (affects Color Mixing)	000 - 005	Off	CCT
			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)	

	10	Color Temperature (affects Color Mixing)	129	-	129	Neutral White (4000K)	CCT
			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	
	11	Tint (affects Color Temperature)	000	-	000	Off	Tint
			001	-	127	Magenta -> Neutral	
			128	-	128	Neutral	
9	12	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000	-	024	No function	User Colors
			025	-	025	Record User Color/User Preset 1	
			026	-	026	Record User Color/User Preset 2	
			027	-	027	Record User Color/User Preset 3	
			028	-	028	Record User Color/User Preset 4	
			029	-	029	Record User Color/User Preset 5	
			030	-	030	Record User Color/User Preset 6	
			031	-	031	Record User Color/User Preset 7	
			032	-	032	Record User Color/User Preset 8	
			033	-	057	No function	

ENGLISH	DEUTSCH	FRANCAIS	ESPAÑOL	POLSKI	ITALIANO	DMX
9	12	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	058 - 059	Pixel Direction Mirroring Off	Pixel Mirroring	
			060 - 061	Pixel Direction Mirroring On		
			062 - 073	No function		
			074 - 075	Dimmer Response LED	Dimming	
			076 - 077	Dimmer Response Halogen		
			078 - 081	No function		
			082 - 083	DTW (Redshift) On		
			084 - 085	DTW (Redshift) Off		
			086 - 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)		
			132 - 133	RAW	Color Calibration	
			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					

9	12	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	170	-	171	Dimmer Curve S-Curve	Dimmer Curve
			172	-	239	No function	
			240	-	241	Load Factory Defaults	Load Default
			242	-	243	Load Factory Defaults (without User Colours & Loops)	
			244	-	245	Load User Default A	
			246	-	247	Load User Default B	
			248	-	249	Load User Default C	
			250	-	255	No function	

PB 600 IPG2							
13CH							
Effect Pattern							
Channel	Function	Values				Subgroup	
1	Dimmer	000	-	255	0% to 100%		Dimmer
2	Dimmer fine	000	-	255	0% to 100%		
3	Strobe Functions	000	-	005	Open		Multi-functional 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)				

ENGLISH	3	Strobe Functions	251	-	255	Open	Multi-functional Strobe
	4	Red	000	-	255	0% to 100%	Additive Color Mixing
	5	Green	000	-	255	0% to 100%	
6	Blue	000	-	255	0% to 100%		
7	White	000	-	255	0% to 100%		
8	Amber	000	-	255	0% to 100%		
9	UV	000	-	255	0% to 100%		
DEUTSCH	10	Color Presets (override Color Mixing)	000	-	005	No function	Color
			006	-	009	46 Dark Magenta	
			010	-	013	29 Plasa Red	
014			-	017	26 Bright Red		
018			-	021	127 Smokey Pink		
022			-	025	36 Medium Pink		
026			-	029	19 Fire		
030			-	033	135 Deep Golden Amber		
034			-	037	778 Millennium Gold		
038			-	041	21 Gold Amber		
042			-	045	157 Pink		
046			-	049	110 Middle Rose		
050			-	053	109 Light Salmon		
054			-	057	35 Light Pink		
058			-	061	134 Golden Amber		
062			-	065	17 Surprise Peach		
066			-	069	746 Brown		
070			-	073	105 Orange		
074			-	077	20 Medium Amber		
078			-	081	768 Egg Yolk Yellow		
082			-	085	15 Deep Straw		
086			-	089	767 Nectarine		
090			-	093	101 Yellow		
094			-	097	100 Spring Yellow		
098			-	101	88 Lime Green		
102			-	105	121 LEE Green		
106			-	109	738 Jas Green		
110			-	113	89 Moss Green		
114			-	117	139 Primary Green		
118			-	121	124 Dark Green		
122	-	125	323 Jade				
126	-	129	354 Special Steel Blue				
130	-	133	116 Medium Blue-Green				
FRANCAIS							
ESPAÑOL							
POLSKI							
ITALIANO							
DMX							

10	Color Presets (override Color Mixing)	134 - 137	183 Moonlight Blue	Color
		138 - 141	132 Medium Blue	
		142 - 145	119 Dark Blue	
		146 - 149	716 Mikkell Blue	
		150 - 153	71 Tokyo Blue	
		154 - 157	181 Congo Blue	
		158 - 161	799 Special KH Lavender	
		162 - 165	707 Ultimate Violet	
		166 - 169	343 Special Medium Lavender	
		170 - 173	798 Chrysalis Pink	
		174 - 177	701 Provence	
		178 - 181	797 Deep Purple	
		182 - 185	48 Rose Purple	
		186 - 189	345 Fuchsia Pink	
		190 - 193	795 Magical Magenta	
		194 - 197	128 Bright Pink	
		198 - 201	2 Rose Pink	
		202 - 207	User Color 1	
		208 - 213	User Color 2	
		214 - 219	User Color 3	
		220 - 225	User Color 4	
		226 - 231	User Color 5	
		232 - 237	User Color 6	
238 - 243	User Color 7			
244 - 249	User Color 8			
250 - 255	No function			
11	Pattern Selection	000 - 005	Off	Effect Pattern
		006 - 009	Pattern 1	
		010 - 013	Pattern 2	
		014 - 017	Pattern 3	
		018 - 021	Pattern 4	
		022 - 025	Pattern 5	
		026 - 029	Pattern 6	
		030 - 033	Pattern 7	
		034 - 037	Pattern 8	
		038 - 041	Pattern 9	
		042 - 045	Pattern 10	
		046 - 049	Pattern 11	
		050 - 053	Pattern 12	
		054 - 057	Pattern 13	
		058 - 061	Pattern 14	

ENGLISH	11	Pattern Selection	062	-	065	Pattern 15	Effect Pattern			
			066	-	069	Pattern 16				
			070	-	073	Pattern 17				
			074	-	077	Pattern 18				
			078	-	081	Pattern 19				
			082	-	255	All LEDs on				
DEUTSCH	12	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)				
FRANCAIS	13	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000	-	024	No function	User Colors			
			025	-	025	Record User Color/User Preset 1				
			026	-	026	Record User Color/User Preset 2				
			027	-	027	Record User Color/User Preset 3				
			028	-	028	Record User Color/User Preset 4				
			029	-	029	Record User Color/User Preset 5				
			030	-	030	Record User Color/User Preset 6				
			031	-	031	Record User Color/User Preset 7				
			ESPAÑOL	13	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	032	-	032	Record User Color/User Preset 8	
						033	-	057	No function	
						058	-	059	Pixel Direction Mirroring Off	
			POLSKI	13	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	060	-	061	Pixel Direction Mirroring On	Pixel Mirroring
						062	-	073	No function	Dimming
			ITALIANO	13	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	074	-	075	Dimmer Response LED	
						076	-	077	Dimmer Response Halogen	
						078	-	081	No function	
						082	-	083	DTW (Redshift) On	
084	-	085				DTW (Redshift) Off				
DMX	13	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	086	-	119	No function	PWM Frequency			
			120	-	121	PWM 1 (650 Hz)				
			122	-	123	PWM 2 (1530 Hz)				
			124	-	125	PWM 3 (3600 Hz)				
			126	-	127	PWM 4 (12000 Hz)				

13	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	128	-	129	PWM 5 (18900 Hz)	PWM Frequency
		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	-	239	No function	Load Default
		240	-	241	Load Factory Defaults	
		242	-	243	Load Factory Defaults (without User Colours & Loops)	
		244	-	245	Load User Default A	
		246	-	247	Load User Default B	
248	-	249	Load User Default C			
250	-	255	No function			

PB 600 IPG2						
20CH						
Wash						
Channel	Function	Values			Subgroup	
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe Functions	000	-	005	Open	Multi-functional 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			

ENGLISH	3	Strobe Functions	103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	Multi-functional Strobe		
			128	-	250	Strobe slow to fast (<1Hz to 20Hz)			
			251	-	255	Open			
DEUTSCH FRANCAIS ESPAÑOL POLSKI ITALIANO	4	Red	000	-	255	0% to 100%	Additive Color Mixing		
	5	Red fine	000	-	255	0% to 100%			
	6	Green	000	-	255	0% to 100%			
	7	Green fine	000	-	255	0% to 100%			
	8	Blue	000	-	255	0% to 100%			
	9	Blue fine	000	-	255	0% to 100%			
	10	White	000	-	255	0% to 100%			
	11	White fine	000	-	255	0% to 100%			
	12	Amber	000	-	255	0% to 100%			
	13	Amber fine	000	-	255	0% to 100%			
	14	UV	000	-	255	0% to 100%			
	15	UV fine	000	-	255	0% to 100%			
	DMX	16	Color Temperature (affects Color Mixing)	000	-	005		Off	CCT
				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						
DMX	17	Tint (affects Color Temperature)	000	-	000	Off	Tint		
			001	-	127	Magenta -> Neutral			
			128	-	128	neutral			
			129	-	255	Neutral -> Green			
DMX	18	Color Presets (override Color Mixing & Color Temperature)	000	-	005	No function	Color		
			006	-	009	46 Dark Magenta			
			010	-	013	29 Plasa Red			
			014	-	017	26 Bright Red			
			018	-	021	127 Smokey Pink			
			022	-	025	36 Medium Pink			
			026	-	029	19 Fire			

18	Color Presets (override Color Mixing & Color Temperature)	030	-	033	135 Deep Golden Amber	Color
		034	-	037	778 Millennium Gold	
		038	-	041	21 Gold Amber	
		042	-	045	157 Pink	
		046	-	049	110 Middle Rose	
		050	-	053	109 Light Salmon	
		054	-	057	35 Light Pink	
		058	-	061	134 Golden Amber	
		062	-	065	17 Surprise Peach	
		066	-	069	746 Brown	
		070	-	073	105 Orange	
		074	-	077	20 Medium Amber	
		078	-	081	768 Egg Yolk Yellow	
		082	-	085	15 Deep Straw	
		086	-	089	767 Nectarine	
		090	-	093	101 Yellow	
		094	-	097	100 Spring Yellow	
		098	-	101	88 Lime Green	
		102	-	105	121 LEE Green	
		106	-	109	738 Jas Green	
		110	-	113	89 Moss Green	
		114	-	117	139 Primary Green	
		118	-	121	124 Dark Green	
		122	-	125	323 Jade	
		126	-	129	354 Special Steel Blue	
		130	-	133	116 Medium Blue-Green	
		134	-	137	183 Moonlight Blue	
		138	-	141	132 Medium Blue	
		142	-	145	119 Dark Blue	
		146	-	149	716 Mikkell Blue	
		150	-	153	71 Tokyo Blue	
		154	-	157	181 Congo Blue	
		158	-	161	799 Special KH Lavender	
162	-	165	707 Ultimate Violet			
166	-	169	343 Special Medium Lavender			
170	-	173	798 Chrysalis Pink			
174	-	177	701 Provence			
178	-	181	797 Deep Purple			
182	-	185	48 Rose Purple			
186	-	189	345 Fuchsia Pink			
190	-	193	795 Magical Magenta			

18	Color Presets (override Color Mixing & Color Temperature)	194 - 197	128 Bright Pink	Color	
		198 - 201	2 Rose Pink		
		202 - 207	User Color 1		
		208 - 213	User Color 2		
		214 - 219	User Color 3		
		220 - 225	User Color 4		
		226 - 231	User Color 5		
		232 - 237	User Color 6		
		238 - 243	User Color 7		
		244 - 249	User Color 8		
250 - 255	No function				
19	Color Crossfade (affects CCT and Color Presets)	000 - 005	0s (Off)		
		006 - 105	0,1s - 10s (0,1s Steps)		
		106 - 214	11s - 119s (1s Steps)		
		215 - 244	2m - 4m50s (10s Steps)		
		245 - 255	5m - 15m (1m Steps)		
20	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors	
		025 - 025	Record User Color/User Preset 1		
		026 - 026	Record User Color/User Preset 2		
		027 - 027	Record User Color/User Preset 3		
		028 - 028	Record User Color/User Preset 4		
		029 - 029	Record User Color/User Preset 5		
		030 - 030	Record User Color/User Preset 6		
		031 - 031	Record User Color/User Preset 7		
		032 - 032	Record User Color/User Preset 8		
		033 - 057	No function		
		058 - 059	Pixel Direction Mirroring Off		Pixel Mirroring
		060 - 061	Pixel Direction Mirroring On		
		062 - 073	No function		Dimming
		074 - 075	Dimmer Response LED		
		076 - 077	Dimmer Response Halogen		
078 - 081	No function				
082 - 083	DTW (Redshift) On				
084 - 085	DTW (Redshift) Off				

20	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	086	-	119	No function	PWM Frequency
		120	-	121	PWM 1 (650 Hz)	
		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)	Color Calibration
		132	-	133	RAW	
		134	-	135	Factory Calibration	
		136	-	137	User Calibration	Display Functions
		138	-	139	Smart Calibration	
		140	-	141	Display Always On	Dimmer Curve
		142	-	143	Display Off after 20s	
		144	-	163	No function	
		164	-	165	Dimmer Curve Linear	
		166	-	167	Dimmer Curve Exponential	
		168	-	169	Dimmer Curve Logarithmic	
		170	-	171	Dimmer Curve S-Curve	
		172	-	239	No function	
		240	-	241	Load Factory Defaults	
242	-	243	Load Factory Defaults (without User Colours & Loops)			
244	-	245	Load User Default A			
246	-	247	Load User Default B			
248	-	249	Load User Default C			
250	-	255	no function			

PB 600 IPG2						
44CH						
Pattern						
Channel	Function	Values				Subgroup
1	Dimmer	000	-	255	0% to 100%	Dimmer
2	Dimmer fine	000	-	255	0% to 100%	
3	Strobe Functions	000	-	005	Open	Multi-functional 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	

ENGLISH	3	Strobe Functions	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			
DEUTSCH	4	Red	000	-	255	0% to 100%	Additive Color Mixing		
	5	Red fine	000	-	255	0% to 100%			
	6	Green	000	-	255	0% to 100%			
	7	Green fine	000	-	255	0% to 100%			
	8	Blue	000	-	255	0% to 100%			
	9	Blue fine	000	-	255	0% to 100%			
	10	White	000	-	255	0% to 100%			
	11	White fine	000	-	255	0% to 100%			
	12	Amber	000	-	255	0% to 100%			
	13	Amber fine	000	-	255	0% to 100%			
	14	UV	000	-	255	0% to 100%			
	15	UV fine	000	-	255	0% to 100%			
	FRANCAIS	16	Color Temperature (affects Color Mixing)	000	-	005		Off	CCT
				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						
ESPAÑOL	17	Tint (affects Color Temperature)	000	-	000	Off	Tint		
			001	-	127	Magenta -> Neutral			
			128	-	128	neutral			
			129	-	255	Neutral -> Green			
POLSKI									
ITALIANO									
DMX									

18	Color Presets (override Color Mixing & Color Temperature)	000	-	005	No function	Color
		006	-	009	46 Dark Magenta	
		010	-	013	29 Plasa Red	
		014	-	017	26 Bright Red	
		018	-	021	127 Smokey Pink	
		022	-	025	36 Medium Pink	
		026	-	029	19 Fire	
		030	-	033	135 Deep Golden Amber	
		034	-	037	778 Millennium Gold	
		038	-	041	21 Gold Amber	
		042	-	045	157 Pink	
		046	-	049	110 Middle Rose	
		050	-	053	109 Light Salmon	
		054	-	057	35 Light Pink	
		058	-	061	134 Golden Amber	
		062	-	065	17 Surprise Peach	
		066	-	069	746 Brown	
		070	-	073	105 Orange	
		074	-	077	20 Medium Amber	
		078	-	081	768 Egg Yolk Yellow	
		082	-	085	15 Deep Straw	
		086	-	089	767 Nectarine	
		090	-	093	101 Yellow	
		094	-	097	100 Spring Yellow	
		098	-	101	88 Lime Green	
		102	-	105	121 LEE Green	
		106	-	109	738 Jas Green	
		110	-	113	89 Moss Green	
		114	-	117	139 Primary Green	
		118	-	121	124 Dark Green	
		122	-	125	323 Jade	
		126	-	129	354 Special Steel Blue	
		130	-	133	116 Medium Blue-Green	
134	-	137	183 Moonlight Blue			
138	-	141	132 Medium Blue			
142	-	145	119 Dark Blue			
146	-	149	716 Mikkell Blue			
150	-	153	71 Tokyo Blue			
154	-	157	181 Congo Blue			
158	-	161	799 Special KH Lavender			
162	-	165	707 Ultimate Violet			

18	Color Presets (override Color Mixing & Color Temperature)	166 - 169	343 Special Medium Lavender	Color
		170 - 173	798 Chrysalis Pink	
		174 - 177	701 Provence	
		178 - 181	797 Deep Purple	
		182 - 185	48 Rose Purple	
		186 - 189	345 Fuchsia Pink	
		190 - 193	795 Magical Magenta	
		194 - 197	128 Bright Pink	
		198 - 201	2 Rose Pink	
		202 - 207	User Color 1	
		208 - 213	User Color 2	
		214 - 219	User Color 3	
		220 - 225	User Color 4	
		226 - 231	User Color 5	
		232 - 237	User Color 6	
238 - 243	User Color 7			
244 - 249	User Color 8			
250 - 255	No function			
19	Color Crossfade (affects CCT and Color Presets)	000 - 005	0s (Off)	
		006 - 105	0,1s - 10s (0,1s Steps)	
		106 - 214	11s - 119s (1s Steps)	
		215 - 244	2m - 4m50s (10s Steps)	
		245 - 255	5m - 15m (1m Steps)	
20	Pattern Folder	000 - 005	Off	
		006 - 064	Static Pattern 1	
		065 - 128	Static Pattern 2	
		129 - 192	Effect Pattern 1	
		193 - 255	Effect Pattern 2	
21	Pattern Selection	000 - 005	Off	Pattern
		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 - 229	11 to 49	
		230 - 255	50	

22	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)	
23	Pattern Transition	000	-	005	0s (Off)	
		006	-	255	0,1s to 5s	
24	Pattern Fade/Wake Effect	000	-	005	off	
		006	-	127	Fade 0% to 100%	
		128	-	255	Wake 0% to 100%	
25	Background Dimmer	000	-	255	0% to 100%	
26	Background Dimmer fine	000	-	255	0% to 100%	
27	Background Strobe	000	-	005	Open	Background 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			
28	Background Red	000	-	255	0% to 100%	Background Color Mixing
29	Background Red fine	000	-	255	0% to 100%	
30	Background Green	000	-	255	0% to 100%	
31	Background Green fine	000	-	255	0% to 100%	
32	Background Blue	000	-	255	0% to 100%	
33	Background Blue fine	000	-	255	0% to 100%	
34	Background White	000	-	255	0% to 100%	
35	Background White fine	000	-	255	0% to 100%	
36	Background Amber	000	-	255	0% to 100%	

37	Background Amber fine	000	-	255	0% to 100%	Background Color Mixing
38	Background UV	000	-	255	0% to 100%	
39	Background UV fine	000	-	255	0% to 100%	
40	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			
252	-	255	Cold white			
41	Background Tint (affects Background Color Temperature)	000	-	000	Off	
		001	-	127	Magenta -> Neutral	
		128	-	128	neutral	
		129	-	255	Neutral -> Green	
42	Background Color Presets (override Background Color Mixing & Color Temperature)	000	-	005	No function	
		006	-	009	46 Dark Magenta	
		010	-	013	29 Plasa Red	
		014	-	017	26 Bright Red	
		018	-	021	127 Smokey Pink	
		022	-	025	36 Medium Pink	
		026	-	029	19 Fire	
		030	-	033	135 Deep Golden Amber	
		034	-	037	778 Millennium Gold	
		038	-	041	21 Gold Amber	
		042	-	045	157 Pink	
		046	-	049	110 Middle Rose	
		050	-	053	109 Light Salmon	
		054	-	057	35 Light Pink	
		058	-	061	134 Golden Amber	
		062	-	065	17 Surprise Peach	
		066	-	069	746 Brown	
070	-	073	105 Orange			
074	-	077	20 Medium Amber			
078	-	081	768 Egg Yolk Yellow			

42	Background Color Presets (override Background Color Mixing & Color Temperature)	082	-	085	15 Deep Straw	Background Color Mixing
		086	-	089	767 Nectarine	
		090	-	093	101 Yellow	
		094	-	097	100 Spring Yellow	
		098	-	101	88 Lime Green	
		102	-	105	121 LEE Green	
		106	-	109	738 Jas Green	
		110	-	113	89 Moss Green	
		114	-	117	139 Primary Green	
		118	-	121	124 Dark Green	
		122	-	125	323 Jade	
		126	-	129	354 Special Steel Blue	
		130	-	133	116 Medium Blue-Green	
		134	-	137	183 Moonlight Blue	
		138	-	141	132 Medium Blue	
		142	-	145	119 Dark Blue	
		146	-	149	716 Mikkell Blue	
		150	-	153	71 Tokyo Blue	
		154	-	157	181 Congo Blue	
		158	-	161	799 Special KH Lavender	
		162	-	165	707 Ultimate Violet	
		166	-	169	343 Special Medium Lavender	
		170	-	173	798 Chrysalis Pink	
		174	-	177	701 Provence	
		178	-	181	797 Deep Purple	
		182	-	185	48 Rose Purple	
		186	-	189	345 Fuchsia Pink	
		190	-	193	795 Magical Magenta	
		194	-	197	128 Bright Pink	
		198	-	201	2 Rose Pink	
202	-	207	User Color 1			
208	-	213	User Color 2			
214	-	219	User Color 3			
220	-	225	User Color 4			
226	-	231	User Color 5			
232	-	237	User Color 6			
238	-	243	User Color 7			
244	-	249	User Color 8			
250	-	255	No function			

43	Background Color Crossfade (affects Background CCT and Color Presets)	000 - 005	0s (Off)	Background Color Mixing
		006 - 105	0,1s - 10s (0,1s Steps)	
		106 - 214	11s - 119s (1s Steps)	
		215 - 244	2m - 4m50s (10s Steps)	
		245 - 255	5m - 15m (1m Steps)	
44	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors
		025 - 025	Record User Color/User Preset 1	
		026 - 026	Record User Color/User Preset 2	
		027 - 027	Record User Color/User Preset 3	
		028 - 028	Record User Color/User Preset 4	
		029 - 029	Record User Color/User Preset 5	
		030 - 030	Record User Color/User Preset 6	
		031 - 031	Record User Color/User Preset 7	
		032 - 032	Record User Color/User Preset 8	
		033 - 057	No function	Pixel Mirroring
		058 - 059	Pixel Direction Mirroring Off	
		060 - 061	Pixel Direction Mirroring On	
		062 - 073	No function	
		074 - 075	Dimmer Response LED	Dimming
		076 - 077	Dimmer Response Halogen	
		078 - 081	No function	
		082 - 083	DTW (Redshift) On	
		084 - 085	DTW (Redshift) Off	PWM Frequency
		086 - 119	No function	
		120 - 121	PWM 1 (650 Hz)	
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			

44	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	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	
		170	-	171	Dimmer Curve S-Curve	
		172	-	239	No function	Load Default
		240	-	241	Load Factory Defaults	
		242	-	243	Load Factory Defaults (without User Colours & Loops)	
		244	-	245	Load User Default A	
		246	-	247	Load User Default B	
		248	-	249	Load User Default C	
		250	-	255	no function	

PB 600 IP G2					
48CH Pixel RGB					
Channel	Function	Values			Subgroup
1	Red 1	000	-	255	Color Mixing Pixel 1
2	Green 1	000	-	255	
3	Blue 1	000	-	255	
4	Red 2	000	-	255	Color Mixing Pixel 2
5	Green 2	000	-	255	
6	Blue 2	000	-	255	
7	Red 3	000	-	255	Color Mixing Pixel 3
8	Green 3	000	-	255	
9	Blue 3	000	-	255	
10	Red 4	000	-	255	Color Mixing Pixel 4
11	Green 4	000	-	255	
12	Blue 4	000	-	255	
13	Red 5	000	-	255	Color Mixing Pixel 5
14	Green 5	000	-	255	
15	Blue 5	000	-	255	
16	Red 6	000	-	255	Color Mixing Pixel 6
17	Green 6	000	-	255	
18	Blue 6	000	-	255	
19	Red 7	000	-	255	Color Mixing Pixel 7
20	Green 7	000	-	255	
21	Blue 7	000	-	255	

22	Red 8	000	-	255	0% to 100%	Color Mixing Pixel 8
23	Green 8	000	-	255	0% to 100%	
24	Blue 8	000	-	255	0% to 100%	
25	Red 9	000	-	255	0% to 100%	Color Mixing Pixel 9
26	Green 9	000	-	255	0% to 100%	
27	Blue 9	000	-	255	0% to 100%	
28	Red 10	000	-	255	0% to 100%	Color Mixing Pixel 10
29	Green 10	000	-	255	0% to 100%	
30	Blue 10	000	-	255	0% to 100%	
31	Red 11	000	-	255	0% to 100%	Color Mixing Pixel 11
32	Green 11	000	-	255	0% to 100%	
33	Blue 11	000	-	255	0% to 100%	
34	Red 12	000	-	255	0% to 100%	Color Mixing Pixel 12
35	Green 12	000	-	255	0% to 100%	
36	Blue 12	000	-	255	0% to 100%	
37	Red 13	000	-	255	0% to 100%	Color Mixing Pixel 13
38	Green 13	000	-	255	0% to 100%	
39	Blue 13	000	-	255	0% to 100%	
40	Red 14	000	-	255	0% to 100%	Color Mixing Pixel 14
41	Green 14	000	-	255	0% to 100%	
42	Blue 14	000	-	255	0% to 100%	
43	Red 15	000	-	255	0% to 100%	Color Mixing Pixel 15
44	Green 15	000	-	255	0% to 100%	
45	Blue 15	000	-	255	0% to 100%	
46	Red 16	000	-	255	0% to 100%	Color Mixing Pixel 16
47	Green 16	000	-	255	0% to 100%	
48	Blue 16	000	-	255	0% to 100%	

PB 600 IPG2

96CH	100CH						
Pixel	Pixel Dim						
Channel	Channel	Function	Values			Subgroup	
	1	Dimmer	000	-	255	0% to 100%	Dimmer
	2	Dimmer fine	000	-	255	0% to 100%	
	3	Strobe Functions	000	-	005	Open	Multi-functional 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	

3	Strobe Functions	046 - 056	Ramp up random slow to fast	Multi-functional Strobe
		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	
4	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	000 - 024	No function	User Colors
		025 - 025	Record User Color/ User Preset 1	
		026 - 026	Record User Color/ User Preset 2	
		027 - 027	Record User Color/ User Preset 3	
		028 - 028	Record User Color/ User Preset 4	
		029 - 029	Record User Color/ User Preset 5	
		030 - 030	Record User Color/ User Preset 6	
		031 - 031	Record User Color/ User Preset 7	
		032 - 032	Record User Color/ User Preset 8	
		033 - 057	No function	
		058 - 059	Pixel Direction Mirroring Off	Pixel Mirroring
		060 - 061	Pixel Direction Mirroring On	
		062 - 073	No function	
		074 - 075	Dimmer Response LED	Dimming
		076 - 077	Dimmer Response Halogen	
078 - 081	No function			
082 - 083	DTW (Redshift) On			

ENGLISH			084 - 085	DTW (Redshift) Off	Dimming			
			086 - 119	No function				
DEUTSCH	4	Device settings (All settings are executed after holding value for 3 seconds) (please read remark 1*)	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)				
			132 - 133	RAW	Color Calibration			
			134 - 135	Factory Calibration				
136 - 137	User Calibration							
FRANCAIS			138 - 139	Smart Calibration	Display Functions			
			140 - 141	Display Always On				
			142 - 143	Display Off after 20s				
			144 - 163	No function				
ESPAÑOL			164 - 165	Dimmer Curve Linear	Dimmer Curve			
			166 - 167	Dimmer Curve Exponential				
			168 - 169	Dimmer Curve Logarithmic				
			170 - 171	Dimmer Curve S-Curve				
POLSKI			172 - 239	No function				
			240 - 241	Load Factory Defaults	Load Default			
			242 - 243	Load Factory De- faults (without User Colours & Loops)				
			244 - 245	Load User Default A				
			246 - 247	Load User Default B				
			248 - 249	Load User Default C				
ITALIANO			250 - 255	No function				
			1	5	Red 1	000 - 255	0% to 100%	Color Mixing Pixel 1
			2	6	Green 1	000 - 255	0% to 100%	
			3	7	Blue 1	000 - 255	0% to 100%	
			4	8	White 1	000 - 255	0% to 100%	
			5	9	Amber 1	000 - 255	0% to 100%	
			6	10	UV 1	000 - 255	0% to 100%	Color Mixing Pixel 2
			7	11	Red 2	000 - 255	0% to 100%	
			8	12	Green 2	000 - 255	0% to 100%	
9	13	Blue 2	000 - 255	0% to 100%				

10	14	White 2	000	-	255	0% to 100%	Color Mixing Pixel 2
11	15	Amber 2	000	-	255	0% to 100%	
12	16	UV 2	000	-	255	0% to 100%	
13	17	Red 3	000	-	255	0% to 100%	Color Mixing Pixel 3
14	18	Green 3	000	-	255	0% to 100%	
15	19	Blue 3	000	-	255	0% to 100%	
16	20	White 3	000	-	255	0% to 100%	
17	21	Amber 3	000	-	255	0% to 100%	
18	22	UV 3	000	-	255	0% to 100%	Color Mixing Pixel 4
19	23	Red 4	000	-	255	0% to 100%	
20	24	Green 4	000	-	255	0% to 100%	
21	25	Blue 4	000	-	255	0% to 100%	
22	26	White 4	000	-	255	0% to 100%	
23	27	Amber 4	000	-	255	0% to 100%	
24	28	UV 4	000	-	255	0% to 100%	
25	29	Red 5	000	-	255	0% to 100%	Color Mixing Pixel 5
26	30	Green 5	000	-	255	0% to 100%	
27	31	Blue 5	000	-	255	0% to 100%	
28	32	White 5	000	-	255	0% to 100%	
29	33	Amber 5	000	-	255	0% to 100%	
30	34	UV 5	000	-	255	0% to 100%	Color Mixing Pixel 6
31	35	Red 6	000	-	255	0% to 100%	
32	36	Green 6	000	-	255	0% to 100%	
33	37	Blue 6	000	-	255	0% to 100%	
34	38	White 6	000	-	255	0% to 100%	
35	39	Amber 6	000	-	255	0% to 100%	
36	40	UV 6	000	-	255	0% to 100%	Color Mixing Pixel 7
37	41	Red 7	000	-	255	0% to 100%	
38	42	Green 7	000	-	255	0% to 100%	
39	43	Blue 7	000	-	255	0% to 100%	
40	44	White 7	000	-	255	0% to 100%	
41	45	Amber 7	000	-	255	0% to 100%	Color Mixing Pixel 8
42	46	UV 7	000	-	255	0% to 100%	
43	47	Red 8	000	-	255	0% to 100%	
44	48	Green 8	000	-	255	0% to 100%	
45	49	Blue 8	000	-	255	0% to 100%	
46	50	White 8	000	-	255	0% to 100%	Color Mixing Pixel 9
47	51	Amber 8	000	-	255	0% to 100%	
48	52	UV 8	000	-	255	0% to 100%	
49	53	Red 9	000	-	255	0% to 100%	
50	54	Green 9	000	-	255	0% to 100%	
51	55	Blue 9	000	-	255	0% to 100%	

ENGLISH	52	56	White 9	000	-	255	0% to 100%	Color Mixing Pixel 9
	53	57	Amber 9	000	-	255	0% to 100%	
	54	58	UV 9	000	-	255	0% to 100%	
	55	59	Red 10	000	-	255	0% to 100%	
DEUTSCH	56	60	Green 10	000	-	255	0% to 100%	Color Mixing Pixel 10
	57	61	Blue 10	000	-	255	0% to 100%	
	58	62	White 10	000	-	255	0% to 100%	
	59	63	Amber 10	000	-	255	0% to 100%	
FRANCAIS	60	64	UV 10	000	-	255	0% to 100%	Color Mixing Pixel 11
	61	65	Red 11	000	-	255	0% to 100%	
	62	66	Green 11	000	-	255	0% to 100%	
	63	67	Blue 11	000	-	255	0% to 100%	
ESPAÑOL	64	68	White 11	000	-	255	0% to 100%	Color Mixing Pixel 12
	65	69	Amber 11	000	-	255	0% to 100%	
	66	70	UV 11	000	-	255	0% to 100%	
	67	71	Red 12	000	-	255	0% to 100%	
POLSKI	68	72	Green 12	000	-	255	0% to 100%	Color Mixing Pixel 13
	69	73	Blue 12	000	-	255	0% to 100%	
	70	74	White 12	000	-	255	0% to 100%	
	71	75	Amber 12	000	-	255	0% to 100%	
ITALIANO	72	76	UV 12	000	-	255	0% to 100%	Color Mixing Pixel 14
	73	77	Red 13	000	-	255	0% to 100%	
	74	78	Green 13	000	-	255	0% to 100%	
	75	79	Blue 13	000	-	255	0% to 100%	
DMX	76	80	White 13	000	-	255	0% to 100%	Color Mixing Pixel 15
	77	81	Amber 13	000	-	255	0% to 100%	
	78	82	UV 13	000	-	255	0% to 100%	
	79	83	Red 14	000	-	255	0% to 100%	
	80	84	Green 14	000	-	255	0% to 100%	Color Mixing Pixel 16
	81	85	Blue 14	000	-	255	0% to 100%	
	82	86	White 14	000	-	255	0% to 100%	
	83	87	Amber 14	000	-	255	0% to 100%	
	84	88	UV 14	000	-	255	0% to 100%	
	85	89	Red 15	000	-	255	0% to 100%	
	86	90	Green 15	000	-	255	0% to 100%	
	87	91	Blue 15	000	-	255	0% to 100%	
	88	92	White 15	000	-	255	0% to 100%	
	89	93	Amber 15	000	-	255	0% to 100%	
	90	94	UV 15	000	-	255	0% to 100%	
	91	95	Red 16	000	-	255	0% to 100%	
	92	96	Green 16	000	-	255	0% to 100%	
	93	97	Blue 16	000	-	255	0% to 100%	

94	98	White 16	000	-	255	0% to 100%	Color Mixing Pixel 16
95	99	Amber 16	000	-	255	0% to 100%	
96	100	UV 16	000	-	255	0% to 100%	

PB 600 IPG2													
D2CH	D4CH	D9CH											
Dim UC1	Preset	Direct											
Ch.	Ch.	Ch.	Function	Values			Subgroup						
1 Color = Stand Alone Mode - Color Preset - User Color 1	1	1	Dimmer	000	-	255	0% to 100%	Dimmer					
				000	-	005	Open						
				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						
	2	2	Strobe Functions	103	-	127	Strobe Break effect 5s to 1s (Short burst with break)	Multi- functional Strobe					
				128	-	250	Strobe slow to fast (<1Hz to 20Hz)						
				251	-	255	Open						
						3	Red		000	-	255	0% to 100%	Additive Color Mixing
									000	-	255	0% to 100%	
									000	-	255	0% to 100%	
									000	-	255	0% to 100%	
									000	-	255	0% to 100%	
									000	-	255	0% to 100%	
					3		Color Presets		000	-	005	No function	Color
006	-	009	46 Dark Magenta										
010	-	013	29 Plasa Red										
014	-	017	26 Bright Red										
018	-	021	127 Smokey Pink										
022	-	025	36 Medium Pink										

3

Color
Presets

Color

026	-	029	19 Fire
030	-	033	135 Deep Golden Amber
034	-	037	778 Millennium Gold
038	-	041	21 Gold Amber
042	-	045	157 Pink
046	-	049	110 Middle Rose
050	-	053	109 Light Salmon
054	-	057	35 Light Pink
058	-	061	134 Golden Amber
062	-	065	17 Surprise Peach
066	-	069	746 Brown
070	-	073	105 Orange
074	-	077	20 Medium Amber
078	-	081	768 Egg Yolk Yellow
082	-	085	15 Deep Straw
086	-	089	767 Nectarine
090	-	093	101 Yellow
094	-	097	100 Spring Yellow
098	-	101	88 Lime Green
102	-	105	121 LEE Green
106	-	109	738 Jas Green
110	-	113	89 Moss Green
114	-	117	139 Primary Green
118	-	121	124 Dark Green
122	-	125	323 Jade
126	-	129	354 Special Steel Blue
130	-	133	116 Medium Blue-Green
134	-	137	183 Moonlight Blue
138	-	141	132 Medium Blue
142	-	145	119 Dark Blue
146	-	149	716 Mikkel Blue
150	-	153	71 Tokyo Blue
154	-	157	181 Congo Blue
158	-	161	799 Special KH Lavender
162	-	165	707 Ultimate Violet
166	-	169	343 Special Medium Lavender
170	-	173	798 Chrysalis Pink

	3		Color Presets	174 - 177	701 Provence	Color
				178 - 181	797 Deep Purple	
				182 - 185	48 Rose Purple	
				186 - 189	345 Fuchsia Pink	
				190 - 193	795 Magical Magenta	
				194 - 197	128 Bright Pink	
				198 - 201	2 Rose Pink	
				202 - 207	User Color 1	
				208 - 213	User Color 2	
				214 - 219	User Color 3	
				220 - 225	User Color 4	
				226 - 231	User Color 5	
				232 - 237	User Color 6	
				238 - 243	User Color 7	
244 - 249	User Color 8					
250 - 255	No function					
2	4	9	DMX Delay	000 - 005	Off (no Delay)	DMX Delay
				006 - 255	0,1s to 2,0s	

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.

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