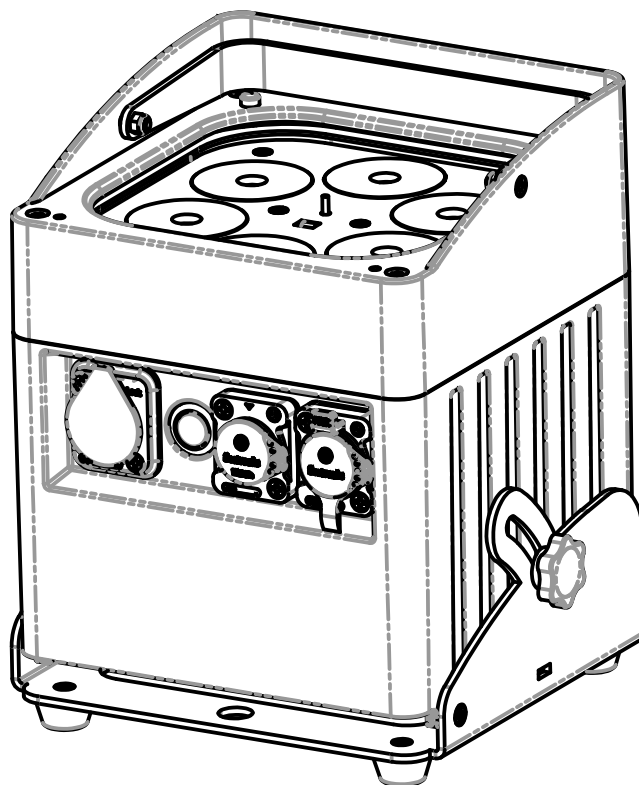# BT-AKKULITE IP

ARCHITECTURAL BATTERY RGBWA-PROJECTOR

ENGLISH

Operation Manual

Other languages can be downloaded from:
WWW.BRITEQ-LIGHTING.COM

CE

Version: 2.0

BRITEQ
L I G H T   R E S E A R C H

EN - DISPOSAL OF THE DEVICE

Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

FR - DÉCLASSER L'APPAREIL

Débarrassez-vous de l'appareil et des piles usagées de manière écologique Conformément aux dispositions légales de votre pays.

NL - VERWIJDEREN VAN HET APPARAAT

Verwijder het toestel en de gebruikte batterijen op een milieuvriendelijke manier conform de in uw land geldende voorschriften.

DU - ENTSORGUNG DES GERÄTS

Entsorgen Sie das Gerät und die Batterien auf umweltfreundliche Art und Weise gemäß den Vorschriften Ihres Landes.

ES - DESHACERSE DEL APARATO

Reciclar el aparato y pilas usadas de forma ecologica conforme a las disposiciones legales de su pais.

PT - COMO DESFAZER-SE DA UNIDADE

Tente reciclar a unidade e as pilhas usadas respeitando o ambiente e em conformidade com as normas vigentes no seu país.

OPERATION MANUAL

Thank you for buying this Briteq® product. To take full advantage of all possibilities and for your own safety, please read these operating instructions very carefully before you start using this unit.

FEATURES

- Battery operated outdoor LED-projector, based on 6pcs 10Watt RGBWA-LEDs to avoid unwanted color shadows.
- Beam angle = 22° (40° with frost filter)
- Projection angle can be adjusted over 25° (vertical to horizontal)
- Outdoor use : **IP65** rating.
- The perfect solution for outdoor applications: garden parties, outdoor events, light up trees, plants, walkways, ...
- +/-10hrs use in fading mode on a fully charged battery!
- Each projector is equipped with a wireless transceiver module (transmitter and receiver) which is 100% compatible with the W-DMX G4-protocol from "Wireless Solution Sweden".
- Projector can still be used with empty battery: just connect it to the mains!
- Very smooth RGBWA color changes thanks to high freq. dimming electronics
- The internal battery charger charges the battery while the projector is working on mains power.
- Different working modes:
    - Standalone: custom colors selectable or automatic and beat synchronized color changes
    - Master/slave mode: wonderful preprogrammed, music synchronized lightshows.
    - DMX-controlled : cabled and wireless. (5 modes : 4-5-9-10 channels, LEDCON-02 Mk2)
    - Controlled by a small JB Systems LEDCON-02 Mk2 or LEDCON-XL controller
    - Controlled by wireless IR remote control
- Weatherproof Pro Con (Seetronic) mains input. (Powercon compatible)
- Weatherproof 3-pin XLR input and output connectors

BEFORE USE

- Before you start using this unit, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- **Important:** This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.

<u>**Check the contents:**</u>
Check that the packing contains the following items:
- Operating instructions
- BT-AKKULITE IP
- Mains cable
- Wireless IR remote control
- Frost filter

SAFETY INSTRUCTIONS:

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.

The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the use or the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.

This symbol means: indoor use only
IP43 outdoor while used with the optional cover

This symbol means: Read instructions

This symbol determines: the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 1 meters

The device is not suitable for direct mounting on normally flammable surfaces. (suitable only for mounting on non-combustible surfaces)

RISK GROUP 2
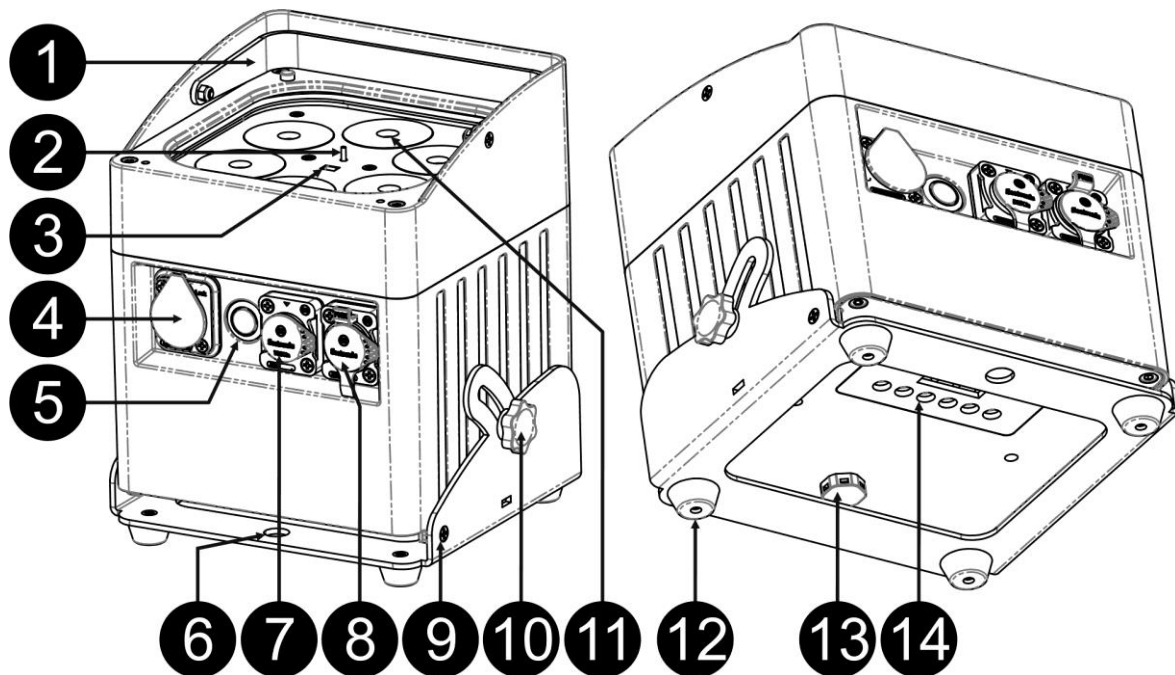**CAUTION:**
Do not stare at operating lamp

CAUTION: Do not stare at operating lamp.
May be harmful to the eyes.

- To protect the environment, please try to recycle the packing material as much as possible.
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance or may even cause damages.
- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.
- Locate the fixture in a well ventilated spot, away from any flammable materials and/or liquids. The fixture must be fixed at least 50cm from surrounding walls.
- Don't cover any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- Allow the device about 10 minutes to cool down before to start servicing.
- Always unplug the unit when it is not used for a longer time or before to start servicing.
- The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.
- Check that the available voltage is not higher than the one stated on the unit.
- The power cord should always be in perfect condition. Switch the unit immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, it's service agent or similarly qualified persons in order to avoid a hazard.
- Never let the power-cord come into contact with other cables!
- This fixture must be earthed in order to comply with safety regulations.
- Don't connect the unit to any dimmer pack.
- Always use an appropriate and certified safety cable when installing the unit.
- In order to prevent electric shock, do not open the cover. There are no user serviceable parts inside.
- **Never** repair a fuse or bypass the fuse holder. **Always** replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the fixture and contact your dealer immediately.
- The housing and the lenses must be replaced if they are visibly damaged.
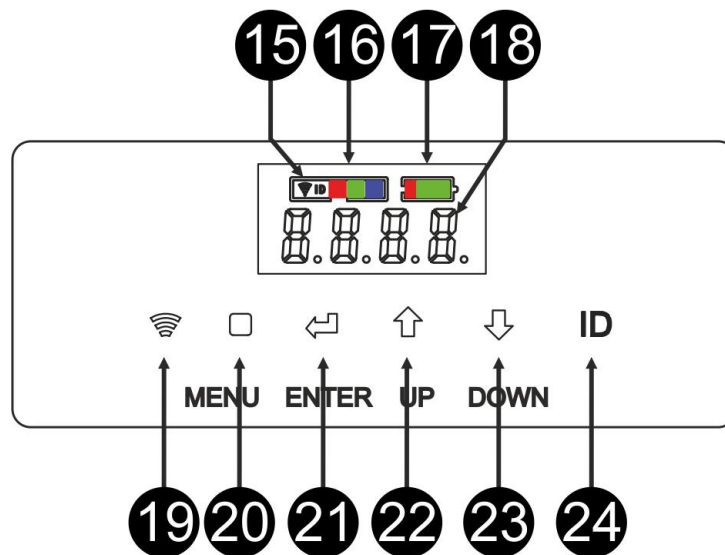- Please use the original packing when the device is to be transported.

- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

Important: Never look directly into the light source! Don't use the effect in the presence of persons suffering from epilepsy.

DESCRIPTION:

1. Handle to easily carry the projector.
2. Antenna for wireless connection
3. IR sensor
4. Mains input IP-Power (Seetronic) connector with rubber cap.
5. [Power ON/OFF] button : push this button to turn the projector ON or OFF
6. Hole to use the base as hanging bracket to fix the projector in truss, using a mounting hook.
7. DMX Input connector XLR Male 3P with rubber cap.
8. DMX Output connector XLR Female 3P with rubber cap.
9. Projector base.
10. Knob used to fasten the projector in a desired angle between 0° and 25°.
11. Lens in front of RGBWA 10W LED
12. Rubber foot.
13. Valve.
14. Display
15. [Wireless DMX] Indicator : shows whether the wireless function is ON or OFF.
16. [Wireless Mode] indicator : shows the status of the wireless DMX (Receiver or transmitter)
17. Battery capacity indicator
18. 4 digit LCD display
19. [Wireless ON/OFF] button : push this button to switch ON or OFF the wireless transmitter/receiver in the projector.
20. [MENU] button : push this button to select the desired topic in the menu
21. [ENTER] button : push this button to confirm the selected setting
22. ▲ button : push this button to go up in the menu
23. ▼ button : push this button to go down in the menu
24. [ID-Set] button : used to connect projector wireless to another projector. (see chapter : [SETUP MENU])

ELECTRICAL INSTALLATION

⚠ <u>**Important:**</u> **The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.**

<u>*Note:*</u> *In the explanations below we assume that you will operate the projectors with the internal battery which is already fully charged. If you want to use them with a mains cable, simply connect all projectors to the mains using the supplied power cable.*

Electrical installation for 1 standalone unit:
- Switch the projector on using the power switch (5). The unit starts working immediately in the last selected stand-alone mode.
- Refer to chapter [SETUP MENU] to learn how to switch between different working modes.
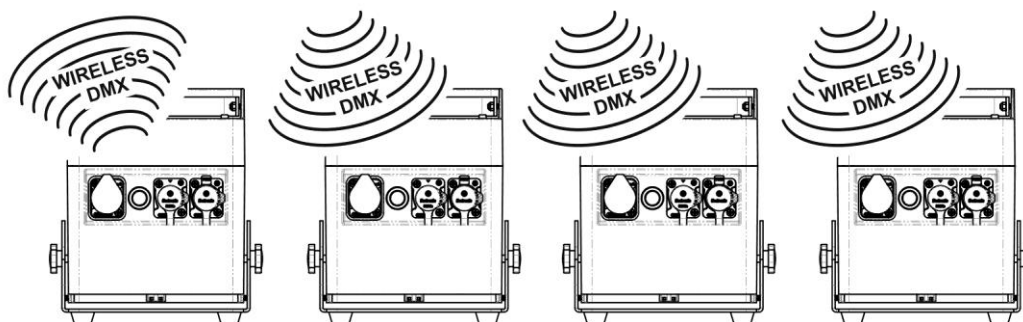
Electrical installation for two or more units in master/slave:
- Make sure that all units are switched on.
- Setup 1 unit as Master (see [SETUP MENU]) and wireless transmitter (see [SETUP FOR WIRELESS OPERATION]). Setup the other units as Slave (see [SETUP MENU]) and wireless receiver (see [SETUP FOR WIRELESS OPERATION])
- Done

Remark: You can connect a JB Systems LEDCON-02 Mk2 or Ledcon XL remote controller to the master unit if you want to have more control over the master/slave operation.
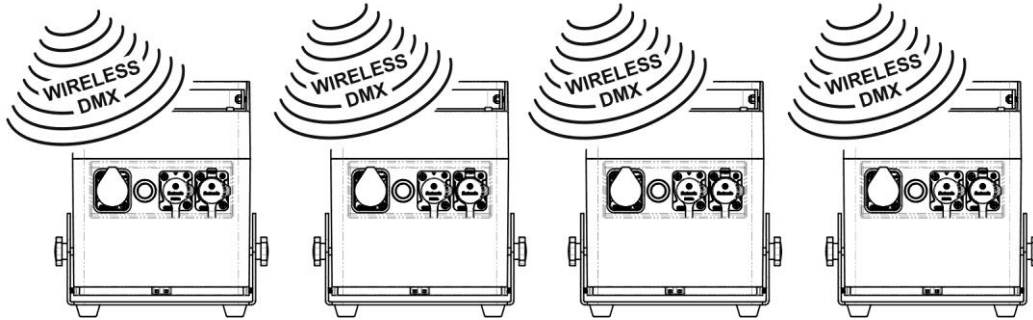
Electrical installation for two or more units in DMX-mode:
You can control the BT-AKKULITE IP by DMX in different ways, depending on your needs. You can go for a wired solution (using cables), you can go for a completely wireless solution or you can go for a combination of both…
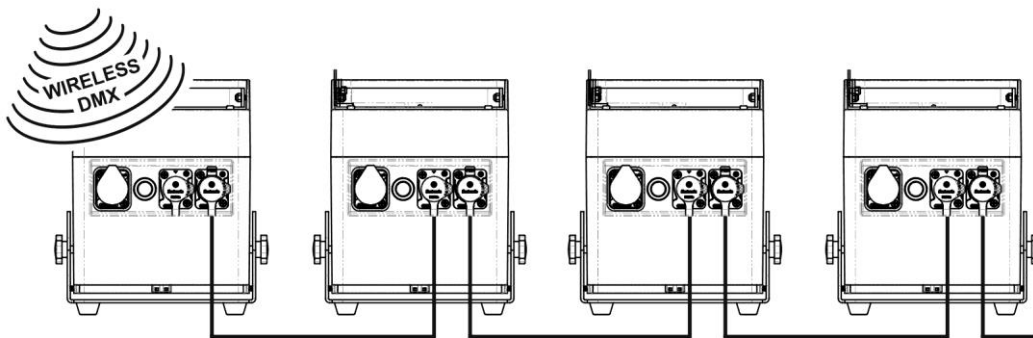
WIRELESS SOLUTION

- Switch all projectors on.
- Put all projectors in the desired DMX-channel mode (see chapter [SETUP MENU]: option [CHnd])
- Set the desired DMX start address on all projectors, take in account the number of DMX channels used by the selected DMX-channel mode! (see chapter [SETUP MENU]: option [Addr])
- Switch on the wireless mode using button (2).
- Synchronize all projectors with the wireless DMX transmitter. (for example : Briteq® "WT-DMXG4" transmitter is 100% compatible) (see chapter [SETUP FOR WIRELESS OPERATION])
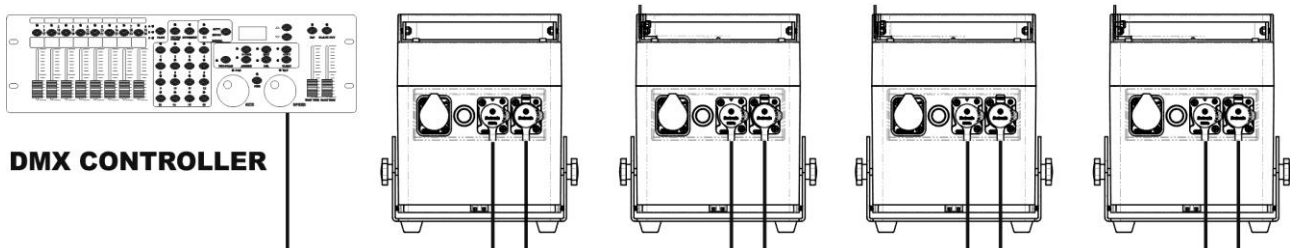- Once this is done everything should work.

MIXED SOLUTION

- Daisy chain all projectors using good quality balanced microphone/DMX cables.
- Switch all projectors on.
- Put all projectors in the desired DMX-channel mode (see chapter [SETUP MENU]: option [ChMd])
- Set the desired DMX start address on all projectors, take in account the number of DMX channels used by the selected DMX-channel mode! (see chapter [SETUP MENU]: option [Addr])
- Synchronize the first projector in the DMX-chain with the wireless DMX transmitter (for example : Briteq® "WT-DMXG4" transmitter is 100% compatible): (see chapter [SETUP MENU])
- Once this is done, the first unit is controlled by wireless DMX and will pass the DMX-signal to the other projectors via the wired DMX-chain.

WIRED SOLUTION

- Same as the MIXED solution but the first unit in the chain also receives the DMX-signal from a DMX-cable plugged in its DMX-input connector.

Note: when a wireless DMX-signal is detected, this "wireless" DMX-signal will take precedence over the wired DMX-signal.

DMX CONTROLLER

[SETUP MENU]:

MAIN MENU:
- To select any of the menu options, press the **[MENU]** button.
- Use ▲ and ▼ button to choose the desired menu option..
- Select the function with the **[ENTER]** button. The display will blink.
- Once the required menu option is selected, press the **[ENTER]** button to select.
- Press the **[MENU]** button to return to running mode.

[Addr] DMX 512 Address setting
Used to set the start address in a DMX setup.
- Press the [MENU] button.
- Press the ▲ or ▼ button until **[Addr]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to change the DMX512 address.
- Once the correct address is shown on the display, press the [ENTER] button to confirm.

[CHnd] Channel Mode
The unit has 5 different channel modes, refer to the DMX-chart to see the differences.
- Press the [MENU] button.
- Press the ▲ or ▼ button until **[CHnd]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select one of the available channel modes.
- Once the mode is selected, press the [ENTER] button to confirm.

[SLAU] Slave Mode
The first projector in the chain should be set , all the other projectors have to be in Slave mode.
- Press the [MENU] button.
- Press the ▲ or ▼ button until **[SLAU]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Then press [ENTER] to confirm the slave mode.

[SP--] Speed Mode
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[SP--]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select the desired speed.
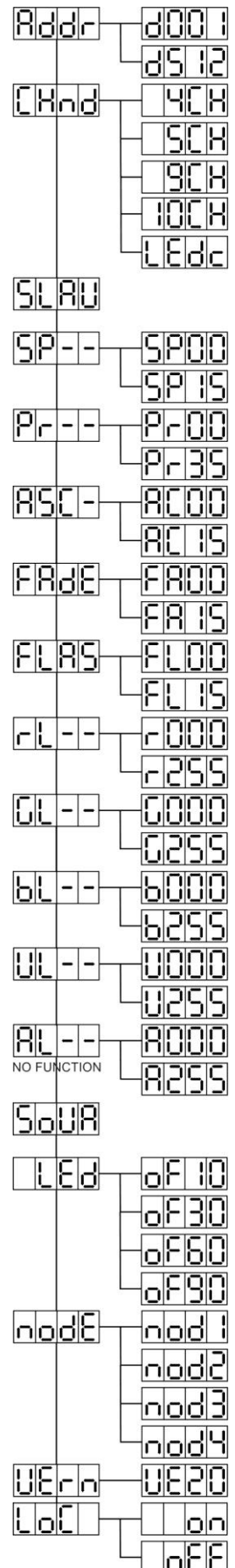
[Pr--] Preset Selection Mode
Used to choose to select one of the preprogrammed colors or fades when used in standalone or master/slave mode. All projectors will always show an identical output.
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[Pr--]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select one of the preprogrammed colors or shows. (Pr01…Pr35)
- Once the desired color or show is selected, press the [ENTER] button to confirm.

[ASC-] Mode
Used to choose the desired color changing show.
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[ASC-]** is shown on the display.
- Press the [ENTER] button to select.

Menu tree (right column):

Menu	Options
Addr	d001 … d512
CHnd	4CH, 5CH, 9CH, 10CH, LEdc
SLAU	
SP--	SP00 … SP15
Pr--	Pr00 … Pr35
ASC-	AC00 … AC15
FAdE	FA00 … FA15
FLAS	FL00 … FL15
rL--	r000 … r255
GL--	G000 … G255
bL--	b000 … b255
UL--	U000 … U255
AL-- (NO FUNCTION)	A000 … A255
SoUR	
LEd	oF10, oF30, oF60, oF90
nodE	nod1, nod2, nod3, nod4
UErn	UE20
LoC	on, oFF

- Use ▲ and ▼ button to select one of the available shows (AC00…AC15)
- Once the desired show is selected, press the [ENTER] button to confirm.

[FAdE] Mode
Used to choose a color fading show
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until [**FAdE**] is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ button to select a value between [FA00] (fast fading) and [FA15] (slow fading).
- Once the desired mode is selected, press the [ENTER] button to confirm.

[FLAS] Strobe Mode
Used to select the strobe speed.
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[FLAS]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select the speed (FL00…FL15)
- Once the desired speed is selected, press [ENTER] to confirm.

[rL--] Mode
Used to set the minimum value of the Red color
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[rL--]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select the speed (r000…r255)
- Once the desired value is selected, press [ENTER] to confirm.

[GL--] Mode
Used to set the minimum value of the Green color
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[GL--]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select the speed (G000…G255)
- Once the desired value is selected, press [ENTER] to confirm.

[bL--] Mode
Used to set the minimum value of the Blue color
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[bL--]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select the speed (b000…b255)
- Once the desired value is selected, press [ENTER] to confirm.

[UL--] Mode
Used to set the minimum value of the White color
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[UL--]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select the speed (U000…U255)
- Once the desired value is selected, press [ENTER] to confirm.

[AL--] Mode
Used to set the minimum value of the Amber color
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until **[AL--]** is shown on the display.
- Press the [ENTER] button to select. The display starts blinking.
- Use ▲ and ▼ buttons to select the speed (A000…A255)
- Once the desired value is selected, press [ENTER] to confirm.

[SoUA] Sound Mode
Used to make shows working on sound or not.
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until the display shows **[SoUA]**.
- Press [ENTER] button to select. The display starts blinking.
- Press [ENTER], the projector is now working in sound mode.
  If you want to go back to normal running mode: press the [MENU] button.

[Led] Mode
Led of10-30-60-90 : display turns off after 10-30-60 or 90 seconds.
- Press the [■] button.
- Press the ▲ or ▼ buttons until the display shows **[LEd]**.
- Press [↵] button to select. The display starts blinking and shows [oF10-oF30-oF60 or oF90]
- Select the desired setting by pressing the ▲ or ▼ button.
- Press [↵] to select the desired mode.
- The display will turn off after .
- The display will turn on again by pressing one of the buttons [■], [▲], [▼], [ID] or [↵]

[node] Function
Used to slow down the dimming speed.
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until the display shows **[node]**.
- Press the [ENTER] button. The display starts blinking and shows [nod0…nod4]
- Use ▲ and ▼ buttons to select **[nod0…nod4]** where 0 is the fastest and 4 the slowest mode.
- Once the desired mode is selected, press the **[ENTER]** button to confirm.

[UErn] Software Version
Used to show the software version of the unit.
- Press the [MENU] button.
- Press the ▲ or ▼ buttons until the display shows **[UErn]**.
- Press the [ENTER] button. The display starts blinking and shows the version **[UE2.0]**.
- Press the [MENU] button to leave.

[LoC] Lock/unlock
Used to lock and unlock the display functionality.
- Press the [■] button.
- Press the ▲ or ▼ buttons until the display shows **[LoC]**.
- Press the [↵] button. The display starts blinking and shows **[oFF]**.
- Press the ▲ or ▼ buttons to change to **[on]**.
- Press the [↵] button. The display functions are locked now.
- Press the ▲ button and ▼ button simultaneously to unlock the display functions.
- Press the [■] button to leave.

[SETUP FOR WIRELESS OPERATION]

Each unit has a wireless DMX transceiver on board. This means that every unit can be transmitter or receiver.
To set up the system, you first need to assign each receiver to the universe (transmitter) it should work with.

VERY IMPORTANT THINGS TO KNOW BEFORE USE

Before you start using these wireless DMX units, you should know about the following some basic information. It will save you a lot of time and frustration:

- Check information on the [ID] button (24) and status led (16).
    - Status LED (16) WHITE : unit is in setup mode or disconnected from any transmitter.
    - Status LED (16) BLUE : unit is in TRANSMITTER mode and connected to one or more receivers.
    - Status LED (16) BLUE (blinking fast) : unit (transmitter) is connecting to receiver(s).
    - Status LED (16) BLUE (blinking slow) : no DMX-signal present on transmitter
    - Status LED (16) GREEN : unit is connected to a transmitter
    - Status LED (16) GREEN (blinking slow) : unit receives no DMX-signal from transmitter.
- A receiver can only connect to a transmitter while it is completely disconnected: status led (16) is WHITE.

SETTING UP IN TRANSMITTER MODE (LED = BLUE)
- Keep the [ID] button (24) pressed while powering up the WIRELESS part of the BT-AKKULITE IP by pressing the according button (19). The status LED will become WHITE shortly, than turns BLUE, RED or GREEN (the last selected mode).
- Choose BLUE by pressing the [ID] button (24) shortly.
- Once BLUE selected, press the [ID] button (24) for 3 seconds to confirm the transmitter mode.
- The status LED will turn white and after a few seconds turns BLUE (blinking if there is no DMX signal present)
- The unit is now in transmitter mode.

SETTING UP IN RECEIVER MODE (LED = GREEN)
- Keep the [ID] button (24) pressed while powering up the WIRELESS part of the BT-AKKULITE IP by pressing the according button (19). The status LED will become WHITE shortly, than turns BLUE, RED or GREEN (the last selected mode).
- Choose GREEN by pressing the [ID] button (24) shortly.
- Once GREEN selected, press the [ID] button (24) for 3 seconds to confirm the receiver mode.
- The status LED will turn white and after a few seconds turns RED (fast blinking if there is no signal present) or GREEN (when the receiver is paired with a transmitter).
- The unit is now in receiver mode.
- Release the receiver from any universe (transmitter) by pressing the [ID] button (24) for 5 seconds. The status led now turns WHITE. The unit is now ready to be paired with a transmitter.

PAIRING TRANSMITTER AND RECEIVER(S)

First of all : prepare transmitter and receiver(s) as described above.
- Press the [ID] button (24) on the transmitter. The BLUE led starts blinking and the led on the receiver(s) starts blinking GREEN at the same time.
  After a few seconds the leds stop blinking. The transmitter and receiver(s) are now paired.

DISCONNECTING RECEIVERS FROM A DMX UNIVERSE (TRANSMITTER)
To disconnect all the receivers from a DMX universe / transmitter:
- Press the [ID] button (24) from the transmitter for about 5 seconds until the status LED (16) turns RED, the status LED on the receiver(s) turn WHITE (disconnected).
- After a few moments the status LED (16) on the transmitter turns BLUE again.
- You can also re-connect the receiver(s) again simply by pressing shortly on the [ID] button (24) on the transmitter. (The status LED (16) on the receiver(s) turns GREEN again.

To disconnect an individual receiver from a DMX universe / transmitter:
• Press the [ID] button (24) of the receiver until the status LED (16) becomes WHITE (RGB lit).
• This receiver is now disconnected from the transmitter (DMX universe).

OPERATING INSTRUCTIONS

A. Standalone 1unit:
   • Select one of the automatic modes or select a fixed color
   • Select the static or sound control mode
   • Refer to chapter [SETUP MENU] to learn how to make the previous settings.

B. Two or more units in master/slave setup:
   • Connect 2 to maximum 16 units together. Refer to the chapter "electrical installation" to learn how to do this.
   • Set the slave mode for each projector: the first one must be set on in DMX mode or in a show mode (for example : **[FAdE]**)
   • Connect all units to the mains. The units will start working automatically and show the internal chase programs.
   Remark: You can connect a JB Systems LEDCON-02 Mk2 or LEDCON XL remote controller to the master unit if you want to have more control over the master/slave operation. All projectors must be in LEDc mode!

C. Connect an optional JB Systems LEDCON-02 Mk2 or LEDCON-XL controller for more control:
   The JB Systems LEDCON-02 Mk2 or LEDCON-XL controller can only be used in standalone or master/slave mode. Connect the controller to the DMX-input of the first unit (master). Make sure that the BT-AKKULITE IP projectors are all set to channel mode [LEDc]. Now you can control all the connected units in 4 or 8channel mode. Refer to the user manual of the JB Systems LEDCON-02 Mk2 or LEDCON XL controller for more information.

D. Controlled by IR remote-controller:
   Switch on the projector (5). Push button [ON] on the IR remote controller. [Jr--] will appear on the display. You are now ready to use the IR remote controller. When you turn the projector off with the IR remote controller, [Jr0F] will be shown on the display.
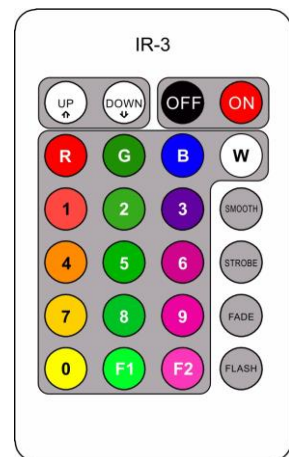   Before you can start using the projector with another controller you have to push one of the buttons under the display ([MENU]-[▲]-[▼]-[ENTER]). The projector will now be disconnected from the IR remote controller.
   You can also use the IR remote controller with several projectors in Master-slave mode. Select the desired color, fade on the Master. The slaves will follow the instructions from the Master projector.

E. Controlled by universal DMX-controller:
   • Connect all units together. Refer to the chapter "Electrical installation for two or more units in DMX-mode" to learn how to do this (don't forget to address all units properly!)
   • Turn on the DMX controller.
   Since each unit has its own DMX-address, you can control them individually. Remember that each unit uses 4 to 10 DMX-channels as shown in the DMX charts below:

DMX CHARTS

Mode 4CH:

DMX Channel	DMX-value	function	remarks
1	000-255	Color mixing 0% - 100%	
2	000-255	White color dimmer	
3	000-255	Amber color dimmer	
4	000-255	Master Dimmer 0% - 100%	

Mode 5CH:

DMX Channel	DMX-value	function	remarks
1	000-255	Red color dimmer	
2	000-255	Green color dimmer	
3	000-255	Blue color dimmer	
4	000-255	White color dimmer	
5	000-256	Amber color dimmer	

Mode 9CH:

DMX Channel	DMX-value	function	remarks
1	000-255	Master Dimmer 0% - 100%	
2	000-255	Red color dimmer	
3	000-255	Green color dimmer	
4	000-255	Blue color dimmer	
5	000-255	White color dimmer	
6	000-255	Amber color dimmer	
7	000-014	Open	**STROBE**
	015-255	Strobe Slow to fast	
8	000-031	Open	**AUTOMATIC MODES**
	032-063	Close-open	
	064-095	Open-close	
	096-127	Open-close-open (white)	
	128-159	Color fading	
	160-191	Open-close-open (colors)	
	192-223	Color changing	
	224-255	Sound	
9	000-255	Speed automatic modes 0% -100%	**SPEED AUTOMATIC MODES**

Mode 10CH:

DMX Channel	DMX-value	function	remarks
1	000-255	Master Dimmer 0% - 100%	
2	000-255	Red color dimmer	
3	000-255	Green color dimmer	
4	000-255	Blue color dimmer	
5	000-255	White color dimmer	
6	000-255	Amber color dimmer	
7	000-014	Open	**STROBE**
	015-255	Strobe Slow to fast	
8	000-031	Open	**AUTOMATIC MODES**
	032-063	Close-open	
	064-095	Open-close	

	096-127	Open-close-open (white)	
	128-159	Color fading	
	160-191	Open-close-open (colors)	
	192-223	Color changing	
	224-255	Sound	
9	000-255	Speed automatic modes 0% -100%	**SPEED AUTOMATIC MODES**
10	000-005		**Uses the nodE setting**
	006-055		**Dimmer 0 (fast)**
	056-105		**Dimmer 1**
	106-155		**Dimmer 2**
	156-205		**Dimmer 3**
	206-255		**Dimmer 4 (slow)**

LEDc-Mode: all pixels working together in RGB + MASTER DIM/SOUND/STROBE

Channel:		Value:	Function:	Remarks
1		000-255	**Red (0-100%)**	
2		000-255	**Green (0-100%)**	
3		000-255	**Blue (0-100%)**	
4		000-190	**Master dimmer**	000=0% ~ 190=100% (full open)
		191-200	**Sound control (7 colors)**	Audio sensitivity: 191=low ~ 200=high
		201-247	**Strobe**	Increasing speed: 201=slow ~ 247=fast
		248-255	**Master dimmer @ 100%**	Master dimmer is full open

MAINTENANCE

- Switch off the unit and unplug the mains cable.

During inspection the following points should be checked:

- When an optical lens is visibly damaged due to cracks or deep scratches, it must be replaced.
- The mains cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.
- In order to protect the device from overheat the cooling fans (if any) and ventilation openings should be cleaned monthly.
- **BATTERY maintenance:** We strongly advice to follow the maintenance requirements imposed by the battery reseller. On top of that you should at least every 6 months:
  - Do a visual check of the battery: cleanness, terminal damage, any damage of the housing, …
  - Check the if the poles of the battery are still well tightened to the wires.
  - …

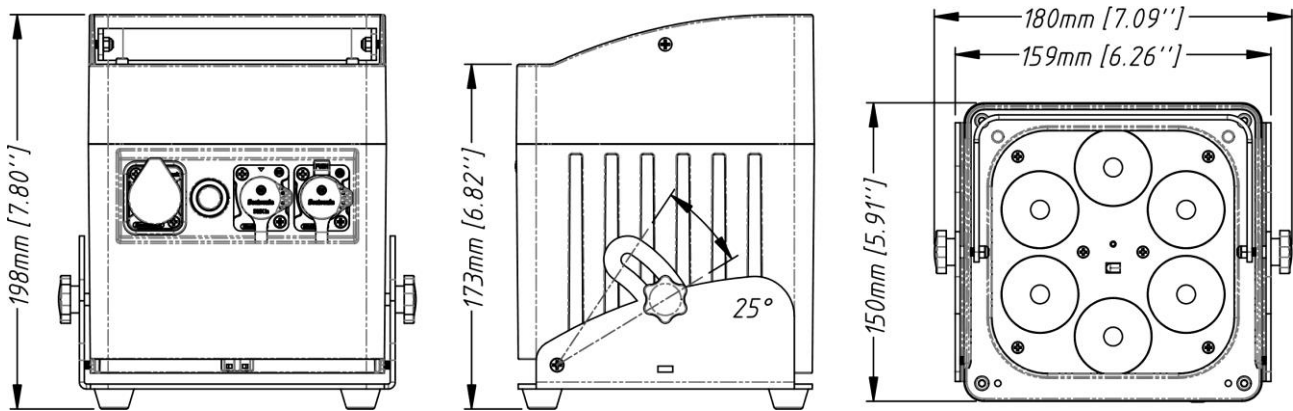**Attention: We strongly recommend internal cleaning to be carried out by qualified personnel!**

 RECYCLING OF USED BATTERIES: **used lead/acid batteries should be considered and handled as dangerous waste. Each country has its own regulations for the recycling of used rechargeable batteries: check the local regulations in your country or ask your battery vendor for more information on recycling of the used rechargeable batteries!**

SPECIFICATIONS

This unit is radio-interference suppressed. This product meets the requirements of the current European and national guidelines. Conformity has been established and the relevant statements and documents have been deposited by the manufacturer.

This device was designed to produce decorative effect lighting and is used in light show systems.

Mains Input:	100-240V, 50/60HZ
Power consumption:	60 Watt
Rechargeable battery:	11,1Vdc / 15600 mAh (lithium)
Sound Control:	Internal microphone
DMX connections:	XLR 3pin Male-Female
LEDs:	6 LEDs 5IN1 10W
Beam angle:	22°
IP Rating:	IP65
Size:	180 x 150 x 198mm
Weight:	4.5 kg

Every information is subject to change without prior notice
You can download the latest version of this user manual on our website: www.briteq-lighting.**com**

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