

AURA

Compar 20 Plus RGB+UV LED Spotlight with Effect SMD LEDs



User Manual

The information in this user manual is subject to change at any time without notice.

Version: 1.0 Date of creation and author's initials: 07-10-2019 RV Revision date and author's initials: -

Introduction

Thank you for purchasing the Ayra Compar 20 Plus. This versatile spot fixture is fitted with powerful RGB+UV modules that provide an extensive colour palette with high light output. This LED spot is also fitted with SMD LEDs that combine to project spectacular light effects. This manual provides all the information you need to know about the product before you start using it.

We advise that you read this user manual in its entirety before unpacking the contents of the box, so that you are familiar with all of the functionality that this product has to offer. Please be sure to check that all of the parts and accessories listed below under 'Box Contents' are included in the package. In the event that the Compar 20 Plus does not function properly, or if you have any issues while operating it, please remove the plug from the power socket and contact your retailer for assistance.

Box Contents:

- Ayra Compar 20 Plus fixture
- Suspension bracket
- Hardware (2x tightening knobs, 2x rubber rings)
- Connection cable from IEC C13 to Schuko, 1.5 mm²
- Infrared remote control with CR2025 battery

Please inspect the device and included accessories

Should you discover that either the device or one or more of the included parts have been damaged or rendered defective while in transit, please contact your dealer directly.

Please note that the pictures in this user manual serve illustrative purposes only and may differ from the actual product.

AYRA

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Safety Instructions



WARNING!



Keep this device away from moisture, water and rain to avoid the chance of electric shocks!



WARNING!



Only connect this device to a suitable power socket. This device functions on a specific power voltage. If it is plugged into a power socket with a different voltage, it could result in permanent damage and even dangerous situations such as fire or electric shocks.



WARNING!



Be careful when operating this device. Touching the wires that are connected to the mains, inside or outside the device, could result in electric shocks!

Everyone involved with the installation, operation and maintenance of this device must:

- Be qualified.
- Be skilled.
- Have read the instructions included in this user manual.
- Be sure that neither the device nor the included accessories are damaged. Should the device or the included accessories be damaged, please contact your retailer for more information.
- Ensure that the device is in good working condition and is safe to operate. Please follow the advice and instructions as they are described in this user manual.

Damage caused by misuse and/or modifications made to the device are not covered by the warranty.

This device does not contain any parts that can be repaired or replaced by the user. Should maintenance or repairs be necessary, they must be handled by a qualified technician.

The light source of this device is not replaceable. If the light source no longer functions, the entire device needs to be replaced.

Important information regarding health and safety:

- Do not remove any labels or stickers from this device.
- Do not leave any cables lying around.
- The device should not be opened up and any hardware or software that may be present should not be modified.
- To achieve optimal performance, any inputs on the device should not be fed with a signal higher than necessary.
- The device should only be used indoors; contact with water, rain and moisture should always be avoided. Do not place any objects containing liquid on top of the device.

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- Remove the device from any nearby flames or heat sources; do not place it near flammable fluids, gasses or objects.
- Disconnect this device from a power source if it is not being used for a long period of time; if maintenance is necessary, or if it needs to be cleaned.
- Do not pull or tug on the cable to remove a connector as this may cause damage.
- Do not use any cables other than the ones described in this manual. Do not use defective cables. Please contact your retailer if the included or necessary cables do not function properly with this device.
- Only use this device with a stable AC power supply.
- Only use this device with power from a grounded power source.
- In the event that the device is exposed to extreme temperature changes (e.g. transported from a cold outdoor environment into a warm indoor environment), it should not be turned on until it has reached room temperature. This is necessary to prevent moisture (condensation) from forming inside the device, which could lead to electric shocks.

Guidelines and operation of this device:

- This device is intended for use by professionals on stage, in theatres, in clubs and in similar entertainment locations.
- This device is not suitable for use by children and should always be operated by an adult.
- This device is designed to create light effects for entertainment purposes. It is not suitable for household illumination.
- This device may only be used in a suitable environment where no damage to the device can occur. Do not use the device in moist or dusty environments such as:
 - indoor swimming pools where chlorine is used
 - beaches or any location where sand and/or salt is present
 - outdoors
 - indoors in spaces where intense heat sources are present, or where it can reach temperature levels that would be considered uncomfortable for a person
- Avoid impact and collisions during use and transport. Do not move or transport the device while it is in use. Avoid using excessive force when installing and operating the device.
- Any user must become familiar with the functions of this device before using it.
- Should the device not be used in the manner described in this user manual, damages or even injuries could occur. Ayra cannot be held responsible for any injuries or damages that occur as a result of improper use of this product.

Storage and transport:

- This product was designed for mobile use. Please only transport the device in the original packaging, or in a flight case with a suitable foam inlay.
- This device was not designed for permanent (24/7) use. The expected lifespan of the device will not be affected by occasionally turning the device off. Disconnect the device or turn off the power when it is not actively in use.
- If the device is not in use for a long period of time, it should be disconnected and stored in a dust-free environment.
- Do not expose the device to extreme temperature differences.



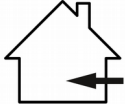
Housing:

- Inspect the device's housing frequently and always just before use. Avoid operating the device if there are any large dents or cracks, or if screws are missing. Do not use the device if the housing is not in good condition.
- Contact your dealer or a qualified technician if you are unsure about the state of the device.
- Check the device and the screws for corrosion. Corrosion must not be present on this device. Contact your dealer or a qualified technician if you find any corrosion on the screws.
- Every power and signal connector should be securely attached. Do not use the device if the connectors are not secure.
- Avoid dust and dirt build-up. Clean the device once a month by disconnecting it from the power supply and wiping it down with a dry or slightly moist cloth. If the device is used frequently, the cleaning intervals should increase.

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Version: 1.0 Date of creation and author's initials: 07-10-2019 RV Revision date and author's initials: -

Symbol explanation:

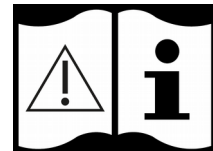
	WEEE: Ensure that this device is disposed of properly. This product falls under the WEEE (Waste Electrical and Electronic Equipment) directive. The requirements of this directive apply to all manufacturers and producers of electronic devices in the EU. Do not throw this product away with regular rubbish. Please contact your local authority for more information about how to recycle and dispose of these products in your region. By recycling this product in the proper manner, we can work together to ensure that we can continue to enjoy these kinds of products and still protect the environment as much as possible from pollution.
	CE: The CE logo indicates that this product meets the European norms and requirements to which it must legally conform.
	Suitable for indoor use only: this product was only designed for indoor use. The maximum environmental temperature must not exceed 40 degrees Celsius (104 degrees Fahrenheit).

Battery risk:

Warning!

Do not swallow the battery!

Risk of injury from chemical burns!



The included remote control is powered by a button-cell battery.

If a button-cell battery is swallowed, within just 2 hours, it could cause life-threatening internal chemical burning and could eventually lead to death.

Keep both new and used batteries out of reach of children.

If the battery compartment does not close properly, stop using the product and keep it away from children.

If you have swallowed or suspect that a battery has been swallowed or is otherwise inside the body, seek medical help immediately.

PLEASE NOTE!

If the battery is not correctly replaced, there is a danger of the battery exploding.

Always replace the battery for the same quality type.

Do not expose batteries to intense heat such as sunlight, fire etc.

Do not leave batteries in any high temperature environment. This can lead to the battery exploding as well the leakage of flammable gas or liquids.

Do not burn batteries or placed them in a hot oven. Do not damage the battery or make any cracks, holes or incisions as this may cause the battery to explode.

Do not expose the battery to extremely low levels of air pressure (at higher altitudes) as this may cause the battery to explode as well as the leakage of gas or flammable liquid.

If the device is not being used for a long period of time (for example, a few months), the battery must be removed from the device.

Remove empty batteries from the device immediately.

Do not store batteries separately and do not carry them in a pocket, wallet or bag. Contact with metal objects such as coins, keys etc. can cause leaks, cracks or short circuits.

Keep batteries out of reach of children.

Recycling:

Do not dispose of batteries along with the rest of your normal household waste. Batteries may contain substances that are harmful to the environment. When batteries are correctly recycled, they are valuable source of reusable materials. Contact your local council or government for information about the safe disposal and recycling of batteries.

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Version: 1.0 Date of creation and author's initials: 07-10-2019 RV Revision date and author's initials: -

AYRA

Contact:

Ayra professional lighting products
Verrijn Stuartweg 18
4462 GE Goes
The Netherlands

*Please do not send any products to this correspondence address.
Should you wish to send in a product for repairs or for a refund, please contact your dealer for an RMA
request (Return Merchandise Authorisation).*

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Operation Guidelines for this Device



1. Light output spotlight
2. Light output SMD LED
3. Infrared sensor
4. Double suspension bracket with tightening knobs
5. Power output via IEC C13
6. Power input via IEC C14 with fuse holder
7. LED display with Menu buttons
8. Ventilation grille
9. Microphone
10. Safety cable attachment point
11. DMX input and output via 3-pin XLR

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Operation and Mounting

To activate the device, plug it into a mains socket. Once it's connected to an active power source, it will turn on automatically.

The device cannot be operated while it is still starting up and displays the 'AYRA' logo. Once the device has fully started up, it will automatically jump to the last mode and setting. Operation modes and other settings shown on the display can now be adjusted or changed via the menu buttons.

If a DMX signal is detected, the device shall automatically switch to DMX mode and the DMX address that was last used. For a new device, this is usually DMX address 001. The DMX address can of course be changed via the display and menu buttons.

The functions, modes and settings can be changed by using the display and menu buttons. Push 'Enter' to select a function or to confirm a change. Push 'Up' and 'Down' to change any values and push the 'Menu' button to return to the main menu. A few seconds after confirming a setting by pressing 'Enter', the device shall automatically return to the main menu and perform the set actions. This can be sped up by holding the 'Menu' button down for 2 seconds after confirming a setting by pressing 'Enter'. This is usually done after adjusting the working mode or DMX address.

The Menu includes the following options and functions:

Display	Mode	Function
ADDR / A001	DMX Address Configuration	Address A001 ... A512
CHND	Channel Mode Selection	9CH / 12CH
SLND	Slave Mode	Master Slave
SHND	Show Mode (SH1-5) Colour (COL1-9)	Show mode 1-5 (Speed 1-9) Colour 1-9 (static) Fade Jump
SHSP	Show Speed (SP1-9)	Speed: SP1-SP9
AUTO	Auto Mode	AU0-AU24
AUSP	Auto mode speed	Speed: SP1-SP9
SOUND	Sound-Controlled Mode	Mode: ON / OFF
SENS	Sensitivity	0 - 100: Sensitivity in %
LED	LED Display On / Off when unused for long periods	ON/OFF
DISP	Display Inversion	Display Invert, disp - dsp
TEST	Test Mode	Test programme to check the operation of each LED by illuminating each LED one by one
HOUR	Usage	0000 – 9999 Hours of use
VER	Firmware Version	Displays firmware version. Cannot be adjusted or changed.

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An explanation of all available functions can be found below:

ADDR: With this function, you can determine the DMX start address of the device. Set it channel 001, and the device will respond to DMX channel 1. Set it to channel 003, then the device will respond to DMX channel 3 and so on.

CHND: This device can operate with various DMX channel modes. If your DMX circuit is reasonably full with devices and you do not need extensive control over the functions, a concise channel mode can be selected. It is also possible to select a more extensive channel mode, making more channels available for the control of several separate functions.

SLND: Using the Master / Slave Mode, it's possible to connect several devices of the same type with one another, via DMX 3-pin XLR cables so that they perform exactly the same movements and functions at the same time. Therefore, single devices do not respond individually (or chaotically) and this results in a completely coordinated show. In the Master / Slave function, the first device in the circuit is set as the Master and does not receive DMX signal.

PLEASE NOTE: When Slave mode is activated, the device shall wait for a signal from the designated Master device. Selecting an automatic or sound-controlled mode is then not possible! To cancel the Slave mode, enter the 'SLND' menu and select 'NAST'. This then sets the device to Master mode and the stand-alone functions can then be activated once more.

SHND: Within this mode, a number of automatic programs can be selected.

SH1-15: Select an automatic show and set the speed between 0 and 9.

COL1-9: Select a static projection colour from 0 to 9.

FADE 000: Select a Fade Colour Change programme, in which colours slowly blend into one another.

JUMP 000: Select a Jump Colour Change programme in which the device jumps quickly from colour to colour.

SOUN: Here, the in-built microphone can be set to On or Off.

SENS: This mode allows you to set the sensitivity of the in-built microphone. The further the device is installed from the sound-source, the higher the sensitivity of the microphone needs to be so that the sound is registered and the device responds accordingly and in time to the music. The microphone is able to withstand high sound pressure. However, if the sound is loud and the sensitivity is high, the microphone will find it more difficult to register the beat. Experiment with the sensitivity and distance from the positioning of the device to make sure you're getting the best possible signal and optimum performance.

LED: When the LED display is not in use, it can be switched off. By setting 'LED' to 'Off', this will prevent red symbols from illuminating when the device is being used in dark spaces. If you press of the menu buttons, the display shall immediately light up and show all necessary information. If the display is not used, it shall automatically switch off again within 30 seconds.

DISP: This function is useful when the device is suspended and the display screen is upside down. Use this function to flip the screen so that it can be easily read when the device is suspended.

TEST: When the device needs to be checked, use the 'TEST' function to test one or more devices at the same time. The device(s) shall continuously runs through a programme within which the LEDs are tested so that any deviations or defects can be easily detected. The device shall continue to repeat the programme until it is manually interrupted (when you switch the device to sound control, for example).

HOUR: When the device is used professionally or rented, it is important that the device is frequently inspected and maintained. The HOUR function displays the duration that the device has been in use and active in hours. This is automatically generated and cannot be adjusted or manipulated.

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Operation Modes

Please find a clear picture of the differences between all available Operation Modes below and how they are affected by the menu functions listed above.

Auto:

In Auto Mode, you can select one of the Operation Modes in which the device is not dependent on external factors such as DMX signals, master signals or sound. Here, one of the basic programmes can be selected such as setting the alternating speed or correcting the intensity.

Sound:

The sound-controlled mode or 'sound mode' uses an in-built microphone that registers the beat of music and runs a program based on this. For example, the device can move in virtual synchronisation with any music, providing an automatic light-show.

When no music is detected or only highs are present in the music due to a break, the device will continue its program at a slower pace. As such, the light show does not appear to come to a stand still. As soon as sound is registered by the microphone once more, the device shall continue its program in synchronisation with the beat.

Slave

In Slave Mode, it is possible to connect several devices of the same type with one another so that they perform exactly the same movements and functions at the same time. Therefore, single devices do not respond individually (or chaotically) and this results in a completely coordinated show. In theory, by adding a DMX booster, an unlimited number of Slave devices can be linked to one Master device. Initially, no problem would occur if 4 devices were linked and no DMX booster were added.

Please note: If you link devices of a different type or brand (even if they appear to have the same function), chaotic or strange behaviour can occur. This is often because certain functions are linked to the incorrect channels. This applies to DMX lighting of all types and brands.

DMX

The DMX Mode is the most comprehensive mode for optimum control over all functions of this device. Via DMX, it is possible to control either a limited or large amount of functions via a DMX controller or DMX software.

The device can be set to different channel modes so the channel layout (included below) is in alignment with the layout of your DMX circuit and with the functions you want to use.

9CH mode:

CH	Function	Value
1	Master Dimmer Spot 0-100%	000-255
2	Red Spot 0-100%	000-255
3	Green Spot 0-100%	000-255
4	Blue Spot 0-100%	000-255
5	UV Spot 0-100%	000-255
6	LED Shutter Channel	000-007 LED On 008-015 LED Off 016-131 Stroboscope speed, slow to fast 132-139 LED On

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Version: 1.0 Date of creation and author's initials: 07-10-2019 RV Revision date and author's initials: -

7	SMD LED Effect	140-181 LED Slow on, fast off, slow to fast 182-189 LED On 190-231 LED Slow off, fast on, slow to fast 232-239 LED On 240-247 Thunder Strobe 248-255 LED On 000-009 No effect 010-019 Effect 1 020-029 Effect 2 030-039 Effect 3 040-049 Effect 4 050-059 Effect 5 060-069 Effect 6 070-079 Effect 7 080-089 Effect 8 090-099 Effect 9 100-109 Effect 10 110-119 Effect 11 120-129 Effect 12 130-139 Effect 13 140-149 Effect 14 150-159 Effect 15 160-169 Effect 16 170-179 Effect 17 180-189 Effect 18 190-199 Effect 19 200-209 Effect 20 210-219 Effect 21 220-229 Effect 22 230-255 No function
8	Effect Speed	000-255 Slow to fast
9	Channel function	000-239 No function 240-255 Sound-controlled

12CH mode:

CH	Function	Value
1	Master Dimmer Spot 0-100%	000-255
2	Red Spot 0-100%	000-255
3	Green Spot 0-100%	000-255
4	Blue Spot 0-100%	000-255
5	UV Spot 0-100%	000-255
6	LED Shutter Channel	000-007 LED On 008-015 LED Off 016-131 Stroboscope speed, slow to fast 132-139 LED On 140-181 LED Slow on, fast off, slow to fast 182-189 LED On 190-231 LED Slow off, fast on, slow to fast

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7	SMD LED Dimmer Red 0-100%	232-239 LED On 240-247 Thunder Strobe 248-255 LED On 000-255
8	SMD LED Dimmer Green 0-100%	000-255
9	SMD LED Dimmer Blue 0-100%	000-255
10	SMD LED Effect	000-009 No effect 010-019 Effect 1 020-029 Effect 2 030-039 Effect 3 040-049 Effect 4 050-059 Effect 5 060-069 Effect 6 070-079 Effect 7 080-089 Effect 8 090-099 Effect 9 100-109 Effect 10 110-119 Effect 11 120-129 Effect 12 130-139 Effect 13 140-149 Effect 14 150-159 Effect 15 160-169 Effect 16 170-179 Effect 17 180-189 Effect 18 190-199 Effect 19 200-209 Effect 20 210-219 Effect 21 220-229 Effect 22 230-255 No function
11	Effect Speed	000-255 Slow to fast
12	Channel Function	000-239 No function 240-255 Sound-controlled

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Version: 1.0 Date of creation and author's initials: 07-10-2019 RV Revision date and author's initials: -

IR Remote Control

This device comes with a infrared remote control included so that functions can also be changed from a distance.

Please find an overview of what can be changed via the remote control below:

ON/OFF: Power

SOUND: Only available within effect mode

STROBE: Can only be used with SMD Colours 1-9

SHOW 1: Show effect 1

SHOW 2: Show effect 2

SHOW 3: Show effect 3

SHOW 4: Show effect 4

SHOW 5: Show effect 5

SPEED+: Sound sensitivity +

SPEED-: Sound sensitivity -

DIMMER+: Dimmer SMD LED +

DIMMER-: Dimmer SMD LED -

1-9: SMD LED Colour presets



The remote control is powered by one CR2025 button-cell battery.

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Installation and Connection Instructions

Now you know how the Compar 20 Plus works. So that the device is used in the correct and safest way, please make sure to follow the installation and connection instructions.

Make sure that children do not have access to the device or any connecting cables. If there are children present, make sure that they are supervised. Since the device can be placed upright or be suspended, it is possible for children to pull on any connecting cables and cause the device to fall. To prevent any accidents or injury, this must be taken into account whenever the device is being positioned and/or installed.

Upright use

When you want to place the Compar 20 Plus in an upright position, make sure that the device is placed on a stable surface such as a table, DJ booth or bar. The double suspension bracket is designed so that it can function as a stand. This way, the spotlight can be directed towards your audience or positioned to provide uplighting. Always make sure that the light is positioned on a stable surface and that any cabling is secured so that no one can trip and knock or pull the device over.

Suspended use (brackets)

Should you want to suspend the Compar 20 Plus, use the suspension brackets, tightening knobs and rubber rings included.

Place the rubber rings between the bracket and the fixture. Then tighten the knobs on both sides to make sure that the bracket is secure.

If you want to suspend the device with a half-coupler or G-hook, this can be done by using the pre-drilled holes in the bracket. Standard hooks and/or brackets for 35 or 50 mm tubes (trusses or light stands) are available from your local retailer.

Hardware for mounting the Compar 20 Plus to the wall, ceiling, or beam is not included. Contact a specialist if you're not sure what hardware is required for your situation. A wooden beam and stone wall require different mounting methods.

When the Compar 20 Plus is suspended, you will need to attach a safety cable to the fixture. This is not included but is available at your local retailer. The device is fitted with an attachment point for hooking a safety cable. Once hooked on, the cable can be wrapped around the truss or light stand and attached once more to the same hook. This ensures the device is secure and prevents it from falling, even if one or both of the brackets should come loose and fail.

Ensure that the safety cable has a load capacity of 10x the weight of the armature and that the device can not fall farther than 30cm. You can wrap the safety cable around the truss or light stand several times to ensure the fall is as short as possible. The shorter the fall, the less chance of damage or injury.

Light source

The Compar 20 Plus uses powerful LED modules that are made even more powerful by a special lens that combines and focuses these beams, much like a magnifying glass. Since the human eye cannot adjust quickly enough to sudden and intense exposure to the level of brightness this device produces, never look directly into the lens at close range. While it won't result in permanent damage, it can cause temporary blind spots which may cause disorientation and discomfort.

Cooling

The Compar 20 Plus is cooled by fans fitted in the housing. The fans automatically switch on as soon as the integrated temperature sensor reaches a certain level. Make sure the fans and vents are not blocked and regularly check that they are functioning normally. Be aware that should the fans become clogged with substances like dust, smoke and moisture, this may impair operation and shorten the life-span of the device.

The temperature sensor is located near the LEDs and the fans will switch on at a low speed when the temperature reaches 35°C. If the temperature rises to a maximum of 55°C, the fans shall gradually shift to

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Version: 1.0 Date of creation and author's initials: 07-10-2019 RV Revision date and author's initials: -

their fastest setting.

If the temperature rises above 55°C, the device shall switch to power reduction mode. For every degree above 55°C, the light output of the device is reduced by 5%. The upper limit is 68°C. When this limit is reached, the light output is switched off completely until the temperature drops to 60°C or less. It is strongly advised that the device is not used permanently or regularly in situations where it reaches such extreme temperature levels. At normal room temperature, the device can maintain full power and will never reach these extremes of temperature.

Parts and repairs

This product does not include spare parts and can not be repaired by the user. Any inspections and overall maintenance should be carried out by a specialist only.

Cleaning and maintenance

Clean the exterior of this device on a monthly basis with a dry, or slightly damp microfibre cloth. Ensure that the device is unplugged before cleaning it.

Check that all screws are intact and secured and tighten or replace them where needed. Check all metal parts of the device for any signs of corrosion. If corrosion is found, the device needs to be checked thoroughly.

Power Output

The Compar 20 Plus is fitted with a Neutrik Powercon power input and a Neutrik Powercon power output. This makes it possible to link multiple devices with one single power supply, wall socket or power block.

The fuse fitted in this device is intended to protect that single device only. The input and output of the power supply are directly wired to each other.

Since a standard 230 V group can handle a maximum load of 16A, and each Compar 20 Plus consumes energy itself, the output can only handle 15A worth of external devices. This also includes a calculated safety margin.

DMX Terminator

When using the device in DMX mode, it is common for a 'terminator' to be used at the end of the DMX circuit. A DMX terminator is a terminal resistor, consisting of a 120 Ohm resistor placed between the second and third pins to eliminate any data reflections. Data reflections can cause strange behaviour in DMX controlled devices.

DMX-terminators are sold read-made but it is possible to solder a 120 Ohm resistor between the second and third pins of a standard, male XLR connector.

DMX Lighting Troubleshooting

If you have a problem with your DMX light effect, please consult the troubleshooting section for possible solutions. If, after consulting this section, the problem remains unresolved, please contact your retailer for more information and/or help.

This troubleshooting section contains information on how to solve the most common DMX light effect problems, but it does not and cannot cover every eventuality. It is possible that you won't find your problem, cause and solution in this section due to differences between various connecting devices.

Problem	Possible Cause	Solution
The device can not be turned on	The fuse is blown	Check the fuse to rule out if it is blown or not. If it is blown, replace it with a new fuse of the same type and class.
	Power cable not plugged in	Check if the power cable is properly connected to the device and plugged into an active power socket.
The device is not reacting to DMX signals	Incorrect DMX start address	Check if the device has been set to the correct DMX start address
	DMX controller is set to 'Blackout'	Make sure the 'Blackout' function on the DMX controller is not activated
	Make sure the polarity switch on the DMX controller is set correctly	Try to reverse the DMX polarity switch on the DMX controller.
	The device is not reacting, there is no DMX signal indication	Make sure the XLR cables are connected properly and are not defective. Replace if necessary.
The device does not react to sound/music	Incorrect operation mode	Make sure the sound-activated mode has been selected.
	The internal microphone sensitivity is too low	Check the microphone sensitivity level and increase it if necessary.
	The speaker is too far away, or is not producing enough low tones	Place the light effect closer to a speaker (or vice versa) and/or increase the low-frequency level. The built-in microphone is not triggered by high tones.
The amount of projected light is minimal	Dirty or dusty optics	Clean the lens and/or other optics.
	Dimmer is not completely open	Check if the dimmers on the spotlights themselves and/or if the master dimmer is completely open. Also, check the colour balance settings.
The DMX signal appears to be interrupted and some devices are flashing or behaving strangely	Damaged/defective cables	Check and replace the DMX cables if necessary.
	Power interference on the DMX signal	Avoid connecting signal cables parallel to power cables.
	DMX terminator missing	Close the DMX circuit with a DMX

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Version: 1.0 Date of creation and author's initials: 07-10-2019 RV Revision date and author's initials: -

<p>The device is not reacting properly to DMX commands</p> <p>The operation mode can not be changed</p>	<p>Signal loss or interference in the DMX circuit</p> <p>Incorrect DMX channel mode</p> <p>The device is in Slave mode</p>	<p>terminator</p> <p>Close the DMX circuit with a terminator or connect a booster after maximum 32 fixtures.</p> <p>Check that the correct DMX channel mode is set</p> <p>If the device is in Slave mode, it will wait for a master signal unless there is a DMX signal present. Set the device to Master to activate the sound-controlled or automated operation modes.</p>
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ALURA

Technical Specifications

Specifications:

- Versatile LED fixture with Spotlight effect, SMD ambient LED effects and a wireless remote control
- Base-Light Source: 3x 8W RGB+UV Multichip LED
- SMD LED Light Source: 45 x 0.2W RGB SMD LED
- Automatic and static operation modes, Master / Slave, DMX and Sound-controlled operation modes
- DMX controlled via 9 or 13 channels
- Infrared remote control included for diverse stand-alone functions
- A range of different in-built Macros and programmes that can be used in both automatic and DMX controlled mode
- LED display with menu buttons
- Double suspension bracket (can also be used a spot floor-stand)
- Automatic mode with diverse programmes
- Auto Fade / Auto Jump with met adjustable speed
- Colour macros with Dimmer and Strobe options
- Sound/Music-Controlled mode with adjustable sensitivity
- Integrated attachment point for safety cable (built into housing)
- Power supply via IEC C13 input and C14 link output
- DMX input and output via 3-pin XLR
- Fuse: F3AL 250V
- Maximum temperature when in normal use: 47°C
- To be used in environments with a temperature of: 0°C to 40°C
- Power supply: 100-240 V AC, 50/60 Hz
- Power consumption: 36W
- Power factor: 0.682 at 110V, 0.635 at 220V
- Dimensions: 279 x 262 x 102 mm
- Weight: 1.75 kg

Projection data:

Base Light:

- Red: 2210 Lux at 1m
- Green: 2250 Lux at 1m
- Blue: 2420 Lux at 1m
- UV: 892 Lux at 1m
- Full On: 7540 Lux at 1m

The information in this user manual is subject to change at any time without notice.

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