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algam STAGEBAR-II Light Stand Rgb Led Projector Set Instruction Manual

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Contents

INCOMPETE

Thank you

Thank you for choosing one of our Algam Lighting products. Please read this user's manual carefully and follow the instructions to avoid danger or damage to the unit due to mishandling. Keep this user's guide for future reference

SAFETY INSTRUCTIONS

The symbols shown above are internationally accepted symbols to warn of potential hazards related to the use of electrical dangers associated with the use of electrical equipment. If any of these symbols are present on your device, please read the following instructions:

ATTENTION !

Before using your equipment, we recommend that you read all the instructions in this manual.

ATTENTION !

This device produces an intense and powerful light. Risk to the eyes. Do not look directly into the beam.

DANGER !

Hazardous voltage, risk of electric shock. Do not open the product. To reduce the risk of electric shock do not expose this equipment to rain or moisture.

ATTENTION !

Risk of burns. The exterior of the unit can become very hot. Do not touch within 10 minutes of use.

ATTENTION !

Fire hazard. Keep all combustible and flammable materials away from the materials away from the unit during operation.

DANGER !

Safety hazard. This appliance presents a significant risk of injury. Follow the safety instructions.

Place the unit at least 50cm away from flammable materials and walls.

INSTALLATION

- Unpack and check carefully for transport damage before using the product. Never put a damaged product into operation.

- This product must be installed with strong hooks of adequate size for the weight carried. The product must be screwed

  to the hooks and tightened properly to prevent it from falling due to vibrations. Also check that the structure (or hanging

  point) can support at least 10X the weight of the hanging unit. The device must be installed by a qualified person and must

  be placed out of reach of the public. It is necessary to use a secondary hanging system (safety sling) approved for the

  weight of the device.

- This unit is intended for indoor use only. Exposing the unit to rain or moisture may result in electric shock or fire.
- Do not place the unit, speakers or any other object on top of the power cord and make sure it is not pinched.
- For proper protection against electric shock, the unit must be connected to earth (ground). The electrical supply circuit

  must be equipped with a fuse or circuit breaker and a differential protection device.
- The FLORIDA-BAR II tripod must be installed flush with the ground on a stable, level surface.
- Incorrect mounting or the use of unsuitable fastening equipment can result in an unstable and dangerous installation
- Power Disconnection Notice: To disconnect the device from the power source, the power plug must be removed from the power outlet. For this reason, the device must be placed in a position that allows constant, unobstructed access to the power outlet. This way, in case of an emergency, you can disconnect the power plug immediately.
- The unit should only be installed in a well ventilated area. Make sure that no ventilation slots are blocked. To ensure adequate ventilation, leave at least 20 cm of free air space around the sides and top of the u

USAGE

- This appliance must not be used by persons (including children) with limited physical, physiological or mental capabilities or lack of experience and/or knowledge, unless they are supervised by a person responsible for their safety or are instructed by that person in the operation of the appliance.
- Never leave this equipment unattended.
- If you experience any problems with the unit, stop using it immediately. Do not attempt to repair it yourself. Contact your dealer or an authorized service center. There are no user replaceable parts.

  • NEVER use the unit under the following conditions:

  > In areas subject to vibration or bumps,

  > In places where the ambient temperature is above 45 ° C or below 2 ° C.

  > In areas exposed to excessive dryness or humidity (ideal conditions: between 35% and 80%).
- Never use the unit near flames, flammable or explosive materials or hot surfaces. Doing so may cause a fire. • The exterior of the unit can become very hot. It is important to avoid contact with the unit during operation and for at least 10 minutes after use.
- It is important to use the supplied power cable (grounded cable).
- Before turning on the power, make sure that the voltage and frequency of the power supply match the power requirements of the unit, as described in this manual.
- Never cut or tamper with the power cord or plug. If a power cord is provided with a ground wire, it is required for safe operation! Risk of fatal electric shock!
- Always hold the power cord by the plug. Do not pull on the cord itself and never touch the power cord with wet hands as this may cause a short circuit or electric shock.
- Do not connect this device to a dimmer pack
- DO NOT allow liquids or objects to enter the unit. If liquid is spilled on the unit, immediately UNPLUG the power supply to the unit and contact customer service.
- You must ensure that the power cord never gets wet during operation. Before a thunderstorm and/or a lightning storm, unplug the unit from the mains.
- Under no circumstances should you open the housing of the device. If you do, your safety will not be assured.

There are no operational components inside, only dangerous voltages that can give you a fatal shock!

MAINTENANCE / SERVICE

- Never attempt to disassemble, repair or modify the unit yourself. Otherwise, the warranty becomes void. Repairs by

  unqualified persons may result in damage or malfunction. Please contact the nearest authorized service center. The light

  source contained in this fixture should only be replaced by the manufacturer or its service agent or a person of equivalent

  qualification.
- Screens, lenses or UV filters should be replaced if they are visibly damaged to an extent that compromises their effectiveness, such as by deep cracks or scratches.
- The lamp should be replaced if it has been damaged or deformed by heat.
- Disconnect the unit from the mains before servicing.
- If the cable or flexible outer cord of this fixture is damaged, it must be replaced with a special cable or cord from the

  manufacturer or its service agent only.
- Never immerse the unit in water or any other liquid. Wipe only with a slightly damp cloth.
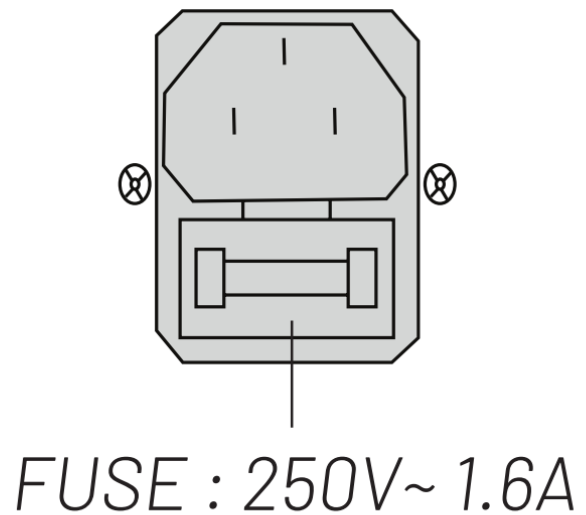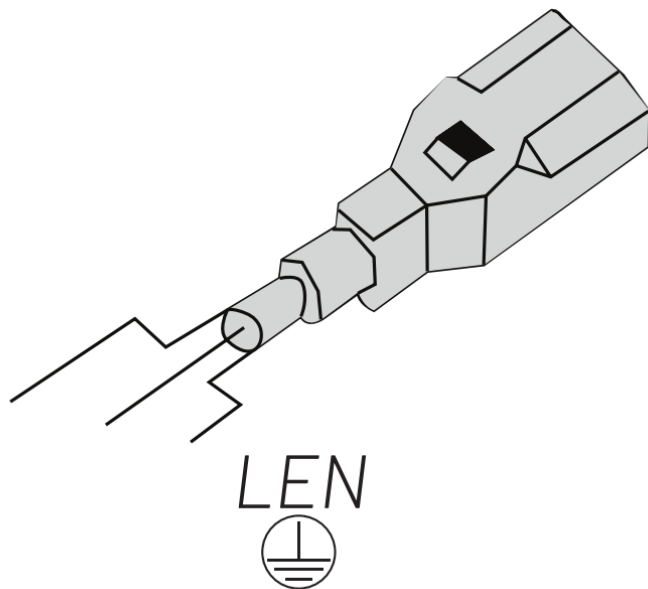- **CAUTION** : To reduce the risk of fire replace fuse with same type and rating

PRODUCT INSTALLATION

POWER SUPPLY
Please use the attached power, note that power voltage and frequency are the same as the marked voltage and frequency of device when connecting power. Every device's power should be connected separately, so that device can be controlled individually

CABLE SPEC.

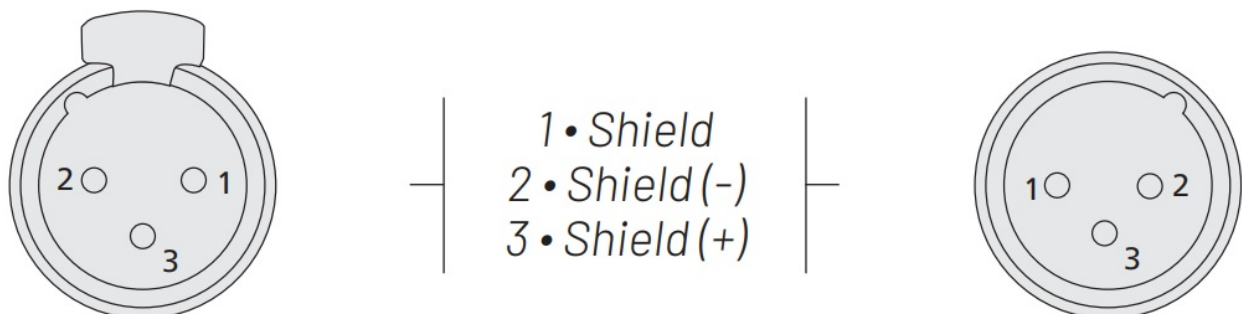| CABLE SPEC.			
CABLE (EU)	CABLE (US)	PIN	INTERNATIONAL
Brown	Black	Live	L
Light Blue	White	Neutral	N
Yellow/Green	Yellow/Green	Earth	

LEN

FUSE : 250V~ 1.6A

DMX CONNECTION

Connection between laser lights and DMX must use the shied cable of diameter more than 0.5mm. Please use the attached 3 pin XL plug/socket to connect the DMX output/input interface. The connection between socket and cable as below (note the plug/socket's 3 pin number and position

DMX-OUTPUT

XLR mounting-sockets (rear view)

DMX-INTPUT

XLR mounting-plugs (rear view)
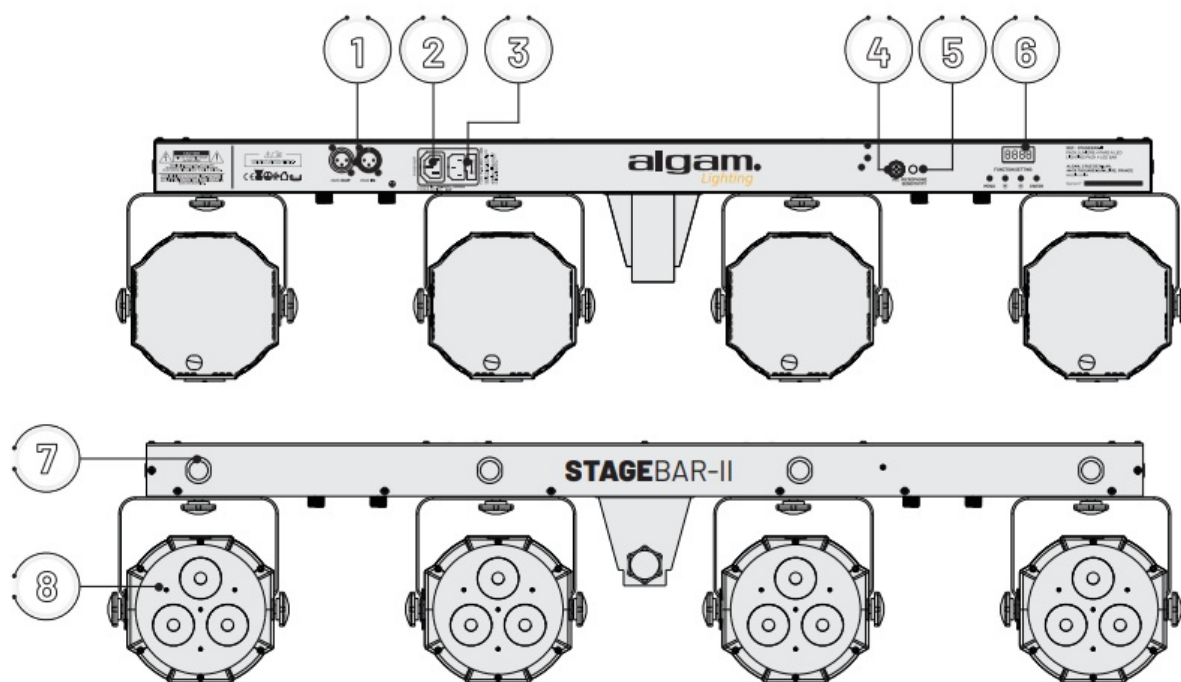
1 • Shield
2 • Shield (-)
3 • Shield (+)

When using standard DMX512 control signal, the last device's output interface must be connected to a DMX plug. This plug is putting a 120 ohm resistance between "canon" plug's 2 pin and 3 pin. Showing as below pic. Sticking this plug into the last device's signal output interface, it will avoid the interference during the process of signal transmission.

RIGGING

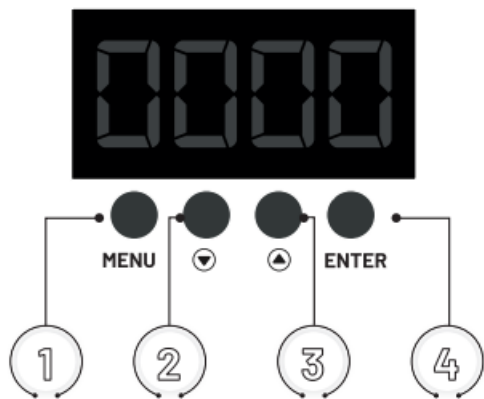**Attention!** The installation must be carried out by qualifi ed service personal only. Improper installation can result in serious injuries and /or damage to property. Overhead rigging required extensive experience! Working load limits should be respected, Certifi ed installation materials should be used, the installed device should be inspected regularly for safety

OPERATION INSTRUCTIONS

	FUNCTION	DESCRIPTION
1	DMX input/output	3PIN male/female XLR interface, for DMX communication
2	Power connection	Power output connect with next light
3	Power input	Power input socket, built-in protective tube and spare tube
4	Microphone	Receiving the audio signal through a microphone, and posit ive response to the intensity by the potentio
5	Potentiometer	To adjust the soung activated
6	LCD control interface	Various mode setting operations of the machine
7	LED strobe lights	4 x 1W white LED strobe lights
8	LED PAR lights	12xTri-9W

	FUNCTION	DESCRIPTION
1	MENU	To go forward in the selected functions or go back the last layer menu
2		To go forward in the selected functions or increase parameter
3		To go backward in the selected functions or reduce parameters
4	ENTER	To go into the next layer menu

MENU	LED DISPLAY	FUNCTION
Aut Sou Col	AutP : AP01-AP17	PAR light auto mode
	AutF : AF01-AF10	PAR light auto mode
	Aut : A 01-A 03	Mix auto mode
	S.01 – S.99	Effect speed adjustement : 01 is the slowest, 99 is the fatest.
	SouP : SP01-SP12	PAR light sound mode
	SouF : SF01-SF10	Flash light sound mode
	Sou : S 01-S 03	Mix sound mode
	Colo	Color manual adjustment
	r/G/b***	LED color setting
	S.00-S.99	Flash light speed adjustment : 01:all on I 99 is the fatest

	SY-A	Synchronous auto mode
	SY-	Synchronous sound mode
	S.01-S.99	Auto show speed. 01 is the slowest, 99 is the fatest (Only valid under SY-A mode)
	d001	Signal reception mode (the worlds will strobe if there's ni signal)
	03/05/24Ch	DMX channel selecting
	d***	Channel adress setting
	S001	Slave mode
	001-255	Adress setting
	-En	Be the master for synchronous mode (under AUTO/SOUND/COLOR mode)
		Wireless pedal working mode
	tESt	Aging testing and main board testing program
		Restore the factory initial setup

	FUNCTION	DESCRIPTION
1	AUTO	Press MUSIC to activate the sound program controls. When working, all the lights will begin in sound mode
2	MUSIC	Press MUSIC to activate the sound program controls. When working, all the lights will begin in sound mode
3	COLOR	Color setting : R-G-RG-B-RB-GB-RGB
4	BLACKOUT	Light off

3 CHANNELS		
CHANNEL	**VALUE**	**DESCRITPION**
	000 – 009	Blackout
	010 – 050	Auto PAR show
	051 – 090	Auto LED FLASH show
CH1	091 – 130	MIX auto show
	131 – 170	Sound PAR show
	171 – 210	Sound LED FLASH show
	211 – 255	MIX sound show

DMX PROTOCOL

CHANNEL	FUNCTION	VALUE	DESCRITPION
		000 – 014	Auto PAR 01
		015 – 029	Auto PAR 03
		030 – 044	Auto PAR 03
		045 – 059	Auto PAR 04
		060 – 074	Auto PAR 05
		075 – 089	Auto PAR 06
		090 – 104	Auto PAR 07
		105 – 119	Auto PAR 08
Aut CH2o PAR show		120 – 134	Auto PAR 09
		135 – 149	Auto PAR 10
		150 – 164	Auto PAR 11
		165 – 179	Auto PAR 12
		180 – 194	Auto PAR 13
		195 – 209	Auto PAR 14

	210 – 224	Auto PAR 15
	210 – 224	Auto PAR 16
	240 – 255	Auto PAR 17
	000 – 024	Auto LED 01
	025 – 049	Auto LED 04
	050 – 074	Auto LED 04
	075 – 099	Auto LED 04
	075 – 099	Auto LED 05
Auto LED FLASH show	075 – 099	Auto LED 06
	075 – 099	Auto LED 07
	175 – 199	Auto LED 08
	200 – 224	Auto LED 09
	225 – 255	Auto LED 10

3 CHANNELS

CHANNEL	FUNCTION	VALUE	DESCRITPION
		000 – 099	MIX auto 01
	MIX auto show	100 – 199	MIX auto 02
		200 – 255	MIX auto 03
		000 – 019	Sound PAR 01
		020 – 039	Sound PAR 02
		040 – 059	Sound PAR 03
		060 – 079	Sound PAR 04
		080 – 099	Sound PAR 05
		100 – 119	Sound PAR 06
		120 – 139	Sound PAR 07
		140 – 159	Sound PAR 08
	Sound PAR show	160 – 179	Sound PAR 09
		180 – 199	Sound PAR 10
		200 – 219	Sound PAR 11
		220 – 255	Sound PAR 12
		000 – 024	Sound LED 01
		025 – 049	Sound LED 02
		050 – 074	Sound LED 03
CH2		075 – 099	Sound LED 04
		100 – 124	Sound LED 05
		125 – 149	Sound LED 06
		150 – 174	Sound LED 07
	Sound LED FLASH show	175 – 199	Sound LED 08
		200 – 224	Sound LED 09
		225 – 255	Sound LED 10
		000 – 099	9 MIX sound 01
	MIX sound show	100 – 199	MIX sound 02
		200 – 255	5MIX sound 03
	CH3	000 – 255	Program speed setting

5 CHANNELS

CH1	000 – 255	Red dimmer
CH2	000 – 255	Green dimmer
CH3	000 – 255	Blue dimmer
	000 – 191	Total dimmer
	192 – 200	Sound flash
CH4	201 – 249	Flash speed
	250 – 255	All on
CH5	000 – 255	Sound LED Flash

24 CHANNELS

CHANNEL	VALUE	DESCRITPION
CH1	000 – 255	Red dimmer
CH2	000 – 255	Green dimmer
CH3	000 – 255	Blue dimmer
CH4	000 – 255	Total dimmer
CH5	000 – 255	Flash speed
CH6	000 – 255	Red dimmer
CH7	000 – 255	Green dimmer
CH8	000 – 255	Blue dimmer
CH9	000 – 255	Total dimmer
CH10	000 – 255	Flash speed
CH11	000 – 255	Red dimmer
CH12	000 – 255	Green dimmer
CH13	000 – 255	Blue dimmer
CH14	000 – 255	Total dimmer
CH15	000 – 255	Flash speed
CH16	000 – 255	Red dimmer
CH17	000 – 255	Green dimmer
CH18	000 – 255	Blue dimmer
CH19	000 – 255	Total dimmer
CH20	000 – 255	Flash speed
CH21	000 – 255	Flash Speed of 1st LED
CH22	000 – 255	Flash Speed of 2nd LED
CH23	000 – 255	Flash Speed of 3rd LED
CH24	000 – 255	Flash Speed of 4th LED

SPECIFICATIONS

Dimensions	1032 x 71 x 235mm
Weight	10.2kg
Power	84W
PAR LED	12 x Tri-9W
Beam angle	15°
LED	R : 650nm/100lm – G : 520nm/160lm – B : 462nm /50lm
Strobe LED	W-4 x 1W
DMX channels	3, 5, 24 channels
Spare parts	T-Bar, stand, carrying bag, wireless footswitch, standi
Power linking	20 pcs 240V~, 10 pcs 110V~
AC power	Switching power supply – 100-240V~ , 50/60Hz
Fuse	T 1.6A – 250V~
Stand	1,5m – 2,5m (ajustable)

 This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version.
Do not dispose with your normal household waste.
Dispose of this device through an approved waste disposal arm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility

 This Algam Lighting product is compliant to all required UE certifications and conformed to following standard and UE directives:
LVD Directive 2014/35/EU :
EMC Directive 2014/30/EU :
RoHS 2 Directive 2011/65/EU
The UE DECLARATION OF CONFORMITY is available, if you need it, please just ask for it at :
contact@algam.net

Documents / Resources

[algam STAGEBAR-II Light Stand Rgb Led Projector Set](#) [pdf] Instruction Manual
STAGEBAR-II Light Stand Rgb Led Projector Set, STAGEBAR-II, Light Stand Rgb Led Projector Set, Rgb Led Projector Set, Led Projector Set, Projector Set