

# User Manual



# **PROTEUS**

## SDJ-PROTEUS

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## 1. BEFORE USE

### **This package contains**

- 1x Proteus
- 1x Power Cable
- 1x User Manual

### **Unpacking**

- Thank you for purchasing this product, it has been thoroughly tested and has been shipped in perfect operating condition.
- Carefully check the packaging for damage that may have occurred during shipping.
- If the packaging appears to be damaged, carefully inspect your fixture for any damage and be sure all equipment necessary to operate the unit has arrived intact.
- If damage has been found or parts are missing, please contact your vendor or our customer support number for further instructions.

### **Introduction**

- This fixture can operate in four different operating modes: DMX control, sound active, automatic programs or in a Master/Slave configuration.
- This product comes with several built-in programs that can be used while operating as a single unit or with multiple units linked in a master/slave configuration.
- For best results use fog or special effects smoke to enhance the beam projection.
- **Warning!** To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- **Warning!** This product may cause severe eye damage. Avoid looking directly into the light source at all times!

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## **Specifications**

- Light source: 20W RGBW LED
- Strobe: 0~20HZ
- Input Voltage: AC100V~240V, 50-60HZ
- Max Power Consumption: 25W
- Packing Dimensions: 370x220x280mm
- Net Weight 2,00 kg
- Gross weight: 2,68 kg

## **Features**

- 3PIN XLR DMX in and out
- IEC Power Input
- 4 control modes: DMX512, automatic programs, sound control, mast/slave

**Please Note:** Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

## *2. INSTALLATION*

### **Installation requirements**

- The product can be hung or placed on a solid surface with the double mounting brackets
- If you install the light in a hanging position, always use a suitable mounting position and a clamp or screw that is strong enough to hold the product without stress. Always use a safety wire to secure the light.
- Always keep a distance of minimum 0.5m to all objects or persons
- Installation should always be done by a trained professional.
- Make sure the light always has good ventilation
- It is recommended to always use 110 Ohm DMX cable to prevent data corruption of your DMX control signal

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## Maintenance

This product should be freed regularly from dust, other deposits and contamination. Before cleaning, always disconnect the product from the mains. Maintenance should be performed on a regular basis.

- Always make sure the product has completely cooled down
- Check all screws, they should be properly tightened and free from any corrosion.
- The housing, lenses, mounting supports and the installation location should not be deformed, modified or tampered with.
- Mechanically moving parts must not show signs of wear & tear or blockage or rubbing.
- Any cables should not show any form of damage or wear.
- Clean the outside lens with glass cleaner and a soft cloth, dry carefully after cleaning.
- Clean the outside of the product with a damp soft cloth. Only use water without any detergents. Never immerse the device in any liquid. Dry carefully after cleaning.
- Remove dust from the inside by blowing compressed air through the ventilation holes to expel

## Power connection

The equipment has an auto-switching power supply that can accommodate a wide range of input voltages. The only thing necessary to do before powering on the unit is to make sure the line voltage you are applying is within the range of accepted voltages. This equipment will accommodate between 100V and 240V AC 50-60HZ.

Color	Connection	PIN
Brown	AC live wire	1
Blue	AC zero curve	2
Green/Yellow	AC ground wire	3

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## DMX 512 Connection

1. Connect the male 3pin DMX input of the first fixture to the female 3pin DMX output of the lighting controller using 110 Ohm DMX cable, for example a Stagg Commandor 10 (skip this step when not using a controller)
2. Connect the output of the first fixture to the input of the next fixture using 110 Ohm DMX cable. Repeat this process until you reach your last fixture. Here it is recommended to connect a DMX terminator to the output of the last fixture in the chain.

Always use proper 110Ohm DMX cable, such as the Stagg NDX series. Using regular 600 Ohm microphone cable can cause data corruption and unwanted or bizarre response from your lights.

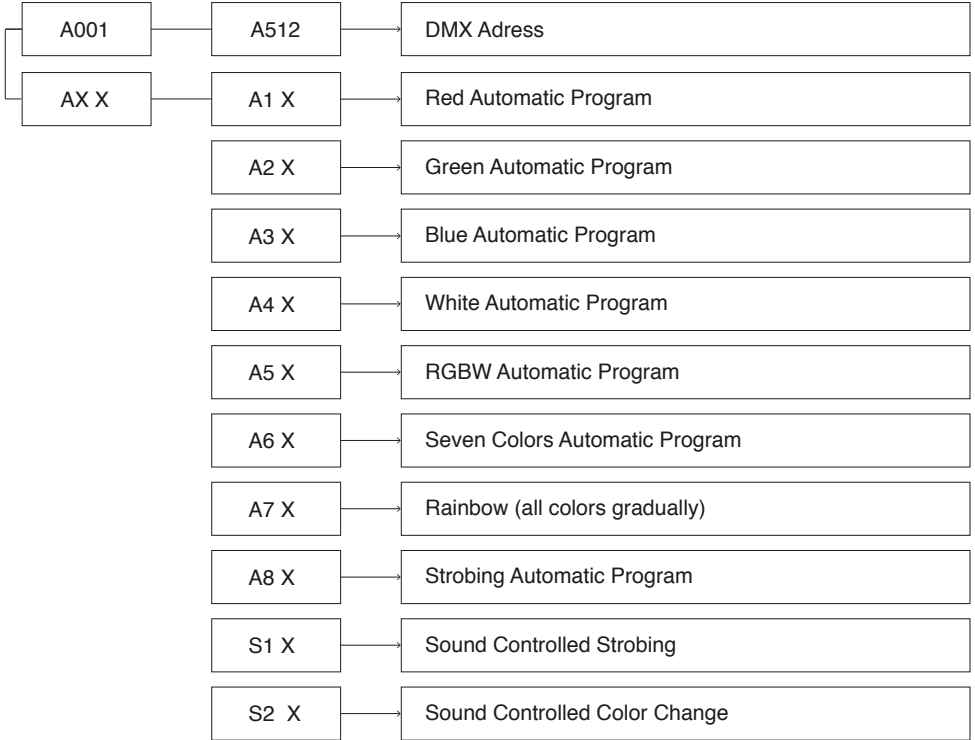
It is also recommended to place a DMX terminator on the last light in your DMX chain, such as the Stagg NDXTERMINR-3.



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## Menu Map

### Operating Instructions



Button	Function
<b>MENU/ESC</b>	Exits from the current menu or function
<b>ENTER</b>	Enters the currently displayed menu or confirms the currently selected value
<b>UP</b>	Navigates upwards through the menu list or increases the value when in a function
<b>DOWN</b>	Navigates downwards through the menu list or reduces the value when in a function

**AFTER CHANGING ANY VALUE IN THE LIGHT, WAIT UNTIL THE DISPLAY TURNS OFF. AT THIS POINT THE CHANGES WILL BE SAVED INTO THE MEMORY AND WILL BE REMEMBERED WHEN POWER IS TURNED OFF AND BACK ON.**



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### ***DMX Address Setup***

- Press MENU until "A001" to "A512" is displayed
- Change the DMX address by pressing UP or DOWN
- Press ENTER to save the DMX address

### ***Automatic Program Setup***

- Press MENU until "AX X" is displayed
- Choose your program of preference (see menu map) by pressing MENU repeatedly
- Adjust the speed of the program by pressing UP or DOWN

### ***Sound Control Setup***

- Press MENU until "SX X" is displayed
- Choose your program of preference (see menu map) by pressing MENU repeatedly
- Adjust the speed of the program by pressing UP or DOWN

### ***Master/Slave Setup***

- Set the Master Light to your automatic program or sound control program of choice
- Set all Slave Lights to DMX Address 001 and daisy chain them to the DMX out of the Master Light

### **DMX 512 Control**

This function allows you to use a universal DMX-512 controller such as the Stagg COMMANDOR 10 to control the PROTEUS, a DMX controller allows you to create unique programs tailored to your individual needs. The PROTEUS uses 7 DMX channels, this will allow you to create custom lightshows. Follow the instruction on the following DMX address charts.

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## DMX Channels

### 7 Channel Mode

7 Channels Table		
channel	Value	Function
CH1	0	No Strobe Effect
	1-255	Strobe, Speed from slow to fast
CH2		
	0-255	Red Dimmer 0-100%
CH3		
	0-255	Green Dimmer 0-100%
CH4		
	0-255	Blue Dimmer 0-100%
CH5		
	0-255	White Dimmer 0-100%
CH6	0-127	Motor Position
	128-191	Clockwise rotation, speed from fast to slow
	192-255	Counterclockwise rotation, speed from fast to slow
CH7	0-255	Automatic Programs

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### IMPORTANT SAFETY INSTRUCTIONS

READ AND KEEP THESE INSTRUCTIONS. HEED ALL WARNINGS.

- If, after you have followed the instructions outlined above, this device fails to function, please contact your dealer. Under no circumstances should this device be opened. Leave all servicing to qualified personnel.
- Electrical appliances must never be used in conditions of high humidity or heat. To prevent any risk of fire or electric shock, never spill or splash liquids on this device. Should this happen, unplug the power cable from the mains outlet and switch off the mixer immediately.

### MARKING & CONFORMITY

1. The CE mark on this product means it conforms to the EMC Directive (2004/108/CE), CE marking Directive (93/68/EEC) and Low Voltage Directive (2006/95/EC).
2. The «Crossed-out Wheeled Bin» is to draw your attention to the WEEE (Waste Electric & Electronic Equipment) Directive (2002/96/EC). It means this apparatus must be collected separately for recycling.
3. «RoHS compliant» means this device conforms to the Directive (2002/95/EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipments, such as: Mercury, Lead, Cadmium, Hexavalent Chromium, Polybrominated Biphenyl (PBB) and Polybrominated Diphenyl Ethers (PBDE).

13/11/13

**DISTRIBUTOR / DEALER**

