IRIDIUM

Stage Panel Light 200W DMX Tunable White

Product Code: 113779

CONTENT

1. Introduction

Dear customer, thank you for deciding to purchase our product. The product fulfils the requirements of effective European and national guidelines. To maintain the condition of the product and to ensure safe operation, you - as the user - must observe the product notes and the operation manual!

They contain important information for the start-up and handling. It is important, therefore, that these documents are archived carefully for referring to information at a later stage.

2. Safety Instructions

We are not responsible for any property damage or personal injury caused by failure to observe these product notes and manual, improper handling or unauthorised modifications.

It can only be installed by a qualified electrician. Make sure that the item has not been damaged during transport before putting the light into operation. It may not be operated if there are any damages to electrical parts. The luminaire may only be operated completely with its protective cover. It may only be operated once removed from the packaging. The type plate must not be removed.

The connection lines in the building must be disconnected before installation and secured against being switched back on. For this, trip the corresponding fuse switch in the building installation.

Make sure the electrical specifications for the connection lines correspond with the specifications given on the nameplate of this product. We recommend that you protect the product with a residual-current-operated protective device.

Follow all installation regulations applicable at your location. Make sure that the cables and plugs are not subject to tension or torsional forces and do not bend the cables. Protect all cables and insulation against possible damages. Output lines should be laid separately and spaced apart from other lines. The power supply cables and the lamp feeders must not cross each other. Do not allow the product to come into contact with extreme heat or naked flames. Use the supplied fastening material only when it is suited for the installation background. The product must not be covered with objects (decorations) or thermally insulating coverings /similar materials. Before disposal of the packaging material make sure that all components are removed. Keep packaging material away from the reach of children and pets. The packaging contains small parts that may be swallowed by children.

Proper Use

This product is only intended for lighting purposes and may only be operated on normal or non-flammable surfaces. The use can be done in indoor/outdoor areas.

Make sure that the surface is suitable for permanently and reliably taking the weight of the light.

Care

Repairs may only be carried out by a qualified electrician. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard. Disconnect the entire product from the mains first and allow it to cool down before cleaning or maintaining. Use a dry or slightly moistened cloth for cleaning. Never use any chemicals, flammable cleaning agents or abrasives. These may cause damage to the surface coating and/or the insulators.

3. Description

- Material material, good performance of cooling system
- Ultra slim
- DMX controlled operation, possible work with any commercial DMX512 controller
- Different dimmer curves and dimmer speed adjustable
- Flicker free projection
- Color filter optional
- Ready for connection with power cord with safety-plug

SIDE VIEW

CROSS SECTION

382

520

105

4. Installation

This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Overhead rigging
The installation of the device has to be built and constructed in a way that it can hold 10 times the weight for 1hour without any harming deformation. The installation must always be secured with a secondary safety attachment. This secondary safety attachment must be constructed in a way that no part of the installation can fall down if the main attachment fails. The operator has to make sure that safety-relating and machine-technical installations are approved by an expert and before taking into operation for the first time and after changes .

Please note: for overhead rigging in public or industrial areas, a series of safety instructions have to be followed that this manual can only give in part.

DMX512 connection
If you are using controllers with this occupation, you can connect the DMX output of the controller directly with the DMX input of the first fixture in the DMX chain.
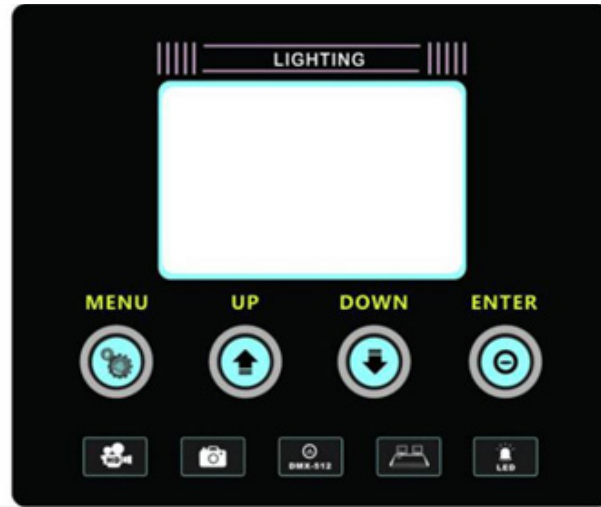
Building a serial DMX chain: Connect the DMX output of the first fixture in the DMX chain with the DMX input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.
For better signal receival, a signal amplifier suggest to be used for each 20 fixtures.

Power input
This device has an auto-switching power supply work with input voltage range of 100-230V AC, 50/60Hz. Link up to the maximum 8A, Do not exceed this.

5. Operation
Control board

Press the Menu until one of the following had been displayed:

Menu			
Menu 1	**Menu 2**	**Menu 3**	**Value**
DMX	Addr:	1-512	DMX address
Chan	02CH		Color temperature adjust,Dimming
	03CH		Color temperature adjust,Dimming, DimmingFine
Manual	DIM	0 - 255	Dimming
	CCT	3200 - 5600K	Change color temperature
	D_F	0 - 255	DimmingFine
Fade	On / Off		Fade dimming
Curve	Linear		Linear curve dimming
	S		S curve dimming
	Log		Logarithmic curve dimming
Temp	Cur:.000		Fixture temperature
Reset	Yes/No		Recover to manufactory default
Version	D109.0		Version number

Use 'Up' and 'Down' button to select your desired operation, press 'Enter' to set all function

Notes:
» When there's a flickering '!' sign appeared, means no signal input for the fixture.
» No operation within 30seconds, LCD display will enter into Screen protection mode automatic.
» When the current temperature is higher than the protecting setting temperature, 30% of power consumption will be deducted slowly; Power consumption will be coming to normal when the temperature gets to normal.

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DMX Modes

DMX512 Channel table

2 channel table			
Channel	Value	Rate	Control function
CH1	CCT	3200-5600K	Change color temperature
CH2	DIM	0-255	Dimming
3 channel table			
Channel	Value	Rate	Control function
CH1	CCT	3200-5600K	Change color temperature
CH2	DIM	0-255	Dimming
CH3	D_F	0-255	DimmingFine

6. Fuse Replacement

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating. Before replacing the fuse, unplug mains lead.

Procedure:

Step1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).
Step 2: Remove the old fuse from the fuse holder.
Step 3: Install the new fuse in the fuse holder.
Step 4: Replace the fuse holder in the housing and fix it.

7. Technical specifications

Product name:	Scala Panel 200 2 in 1
Power Consumption:	200W
Voltage:	100 - 240V AC
Frequency:	50/60Hz
Light Source:	SMD LED
Lens:	Matrix compound eye optical system
Color temperature:	3200K~ 5700K adjustable
CRI:	97
Beam Angle:	120°
Dimming Range:	16bit smooth dimming 0-100%
DMX Channel:	3CH
Control system:	STM32 control chip, DMX512 signal
Display Screen:	4-Button LCD Screen
IP Rating:	IP20
Ambient Temp.:	-15°C - 35°C
Product size:	520 x 382 x 105 mm
Weight:	7.4 kg