

User manual

URANUS 18 WW 25

SAFETY INSTRUCTIONS

CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully before you initial start-up.

Features:

URANUS 18 WW 25 is one of the classical LED fixtures designed and created uniquely, really ideal for theaters, churches, TV studios, photography studios, fashion shows, stage performances, musical shows, etc.

*Power in powerCON/blue, Power out powerCON/grey equipped;

*LED display;

*new PWM dimming electronical theory applied for reasonable fresh rates and real flicker free;

*molded aluminium for excellent ventilation, no need of fans, no noise;

*driving IC and capacitors from USA and European unions equipped for steady constant current outputs;

*intelligent temperature self controlling: self adjusting temperature to protect at the time of max. temperature happening;

Installations:

Regardless the rigging point you choose for your fixture, always be sure to secure the fixture with a safety rope which sold separately.

DMX-512 connection / connection between fixtures

Occupation of the XLR-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. If you wish to connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

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.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

Connection with the mains

Connect the device to the mains with the enclosed power supply cable.



1. DMX 512 protocol

Addressing

The LED DISPLAY on the rear side of the base allows you to assign the DMX fixture address, which is defined as the first channel from which the item will respond to the controller. If you set, for example, the address to channel 7, the item will use the channel 7 to 14 for control. Please, be sure that you don't have any overlapping channels in order to control each item correctly and independently from any other fixture on the DMX data link. If two, three or more items are addressed similarly, they will work similarly. At DMX mode you can choose the address from 1 to 512. After you connect the item to the mains, the item starts running. When the item finishes resetting, A-001 will flash in the led display and then set the desired DMX address by pressing the UP or DOWN buttons.

DMX Controlling:

After having addressed all items, you may now start operating these via your lighting controller. After switching on, the item will automatically detect whether DMX 512 data is received or not.

DMX FUNCTIONS

1-CHANNEL MODE

Channel 1 – white from darkness to full brightness

2.auto

Press the MODE button, the following functions can be achieved by the button ENTER:

SH01-03:: run the preset shows;

SP01-10: running the preset shows speed adjustments

3.sound active

Not occupied!

4. Synchronization & master /slave mode

Take one item and set the item at auto or sound active as above, then get other items and press the button MODE, set at SLAVE, confirm by the button of ENTER, then connect the items at SLAVE to the item at AUTO or sound active, disconnect the items from DMX controller, the items will work simultaneously. The item at auto or sound active works as master, others as slave.

LED DISPLAY CONTROL:

Main menu	Sub menu
1.A001	001-512 (ADDRESS SETTING)
2.CH01	1CH (CHANNEL MODES)
3.SH01	ON/OFF (PRESET SHOWS)



4.SP	01-10 (PRESET SHOWS RUNNING SPEED)
5.W255	000-255 (DIMMER)
6.SLoF	ON/OFF (SLAVE)
7.rdoF	ON/OFF (DISPLAYING REVERSEDLY)

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:

Step 1: Open the fuse holder on the rear panel with a fitting screwdriver.

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.

TECHNICAL SPECIFICATIONS

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*LED display;

*new PWM dimming electronical theory applied for reasonable fresh rates and real flicker free;

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*driving IC and capacitors from USA and European unions equipped for steady constant current outputs;

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*Equipped with 18*high MCD 5W WHITE LEDs, total 90W, 50,000 hours

AC 100-240V 50/60Hz

Power consumption: 90W

beam angle 25°

0-100% linear dimming, separate strobe

DMX 512 protocol, master/slave, auto, sound active with adjustable sound sensitivity

1 DMX channel modes

Running temperature self controlling

Displaying off 5 seconds automatically after finishing sets of the fixture

Environmental temperature: -20°C to 40°C

Hanging brackets included: floor stand

Net weight: 4.95kgs

Dimensions: 302*137*333mm(L*W*D)(hanging bracket placed vertically)



Please note: Every information is subject to change without prior notice.

