Blade 7
1500W RGBW
USER MANUAL
INTRODUCTION

Thank you for having chosen our LED lighting
Unpack the device, inside the box you should find:
The fixture device
One power cable
One XLR connection cable
This manual
Please check carefully that there is no damage caused by transportation. Should there be any problems, consult your dealer and don’t install this device.

DESCRIPTION

Features
• 600pcs 1W RGB LED, 600pcs 1.2W White LED, no ultraviolet radiation.
• More than 20,000 hours for the LED light source
• 200,000 lm for white version/ 70,000 lm for RGB version
• 120 degrees
• 1/4/7/11/12/24/48/55/70 DMX channels
• 16 Bit Dimmer
• DMX Mode/Master-Slave mode/Pixel mode( can be used as a wash with the output of 300W)
• AC200-240V 50/60Hz 1500W
• Diecasting heatsink with fans Control
• With temperature sensor to extend the lamp's life
• 7000 Hz LED scan rate
• L: 490 W: 313mm D: 123 mm
• IP65

SAFETY INSTRUCTIONS

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual. This device falls under protection-class I. Therefore it is essential that the device should be earthed.
The electric connection must be carried out by qualified personnel. 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.

Make sure that the available voltage is not higher than stated at the end of this manual.

Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

**Important:**
**Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.**

**DMX-512 control connection**

The product has a DMX 512 input fitted with 3-pin XLR connectors. Screened cables in compliance with EIA RS-485 specifications and the following characteristics must be used for connections:
- 2 conductors plus screen
- 120Ohm impedance
- low capacitance
- max. transmission rate 250kBaud.

**DMX-512 connection with DMX terminator**

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing
corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 OHM resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain.

Display Menu

<table>
<thead>
<tr>
<th>Main menu</th>
<th>Sub-menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>DMX Address Setting</td>
</tr>
<tr>
<td>Config Mode</td>
<td>channel mode</td>
</tr>
<tr>
<td>keep screen on</td>
<td>Disable/enable</td>
</tr>
<tr>
<td>keep DMX data</td>
<td>Disable/enable</td>
</tr>
<tr>
<td>Fan speed</td>
<td>Standard/High/Low</td>
</tr>
<tr>
<td>Fast Dimmer</td>
<td>Disable/enable</td>
</tr>
<tr>
<td>System Info</td>
<td>Temperature</td>
</tr>
<tr>
<td>LED load Default</td>
<td>False/True</td>
</tr>
<tr>
<td>LED All On</td>
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</tr>
<tr>
<td>Auto Test</td>
<td>auto 1</td>
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<td>LED Test</td>
<td>red 0-255</td>
</tr>
<tr>
<td></td>
<td>green 0-255</td>
</tr>
<tr>
<td></td>
<td>blue 0-255</td>
</tr>
</tbody>
</table>
Main functions

1. Address: Current DMX address
   A. Setting DMX address by button
   press ENTER button when show the address menu, then adjust the DMX address by pressing [UP] or [DOWN] button
   Press [ENTER] to confirm or press [ESC] to return to main menu.
   B. Setting DMX address by controller
   1. Set the DMX value of channel 5 to 10-15, channel 17 to 20-26, channel 7 to 30-36, channel 8 to 40-46, then the devices connected to the controller will enter to the setting address mode
   2. Set the DMX value of channel 1 from 0-59, then you will see the first number of the Address change to (channel 1 value)/10.
      For example, when set the value of channel 1 to 20, the first DMX address number will be 2 (20/10 = 2),
   3. Set the DMX value of channel 2 from 0-99, then you will see the second number of the Address change to (channel 2 value)/10.
      For example, when set the value of channel 2 to 30, the first DMX address number will be 3 (30/10 = 3),
   4. Set the DMX value of channel 3 from 0-99, then you will see the third number of the Address change to (channel 3 value)/10.
      For example, when set the value of channel 1 to 40, the first DMX address number will be 3 (40/10 = 4),
      And the DMX address you set by controller will be 234.
   5. Set the DMX value of channel 4 to 255, then you will save the DMX address settled by the controller.
   Caution: It won’t save the address if the address number is over 512
   6. Set the value of channel 5-8 out of the value range show on the step 1, and the device will exit the setting address mode.
2. Config.
   Setting DMX mode
   press ENTER button when show the channel menu, then select the DMX mode by pressing [UP] or [DOWN] button

   Key mode
   press ENTER button when show the key mode menu, then select lock or unlock by pressing [UP] or [DOWN] button

   Show Temperature
   press ENTER button when show the Temp Unit CS menu, select the way of showing the fixture’s temperature in °C or °F by pressing [UP] or [DOWN] button

3. System info
   Temperature
   press ENTER button when show the Temperature menu, then it will show the temperature of the fixture

4. Color menu
   press ENTER button when show the Color menu, press Enter button to select the color mode, then adjust the color by pressing [UP] or [DOWN] button

5. Auto test
   press ENTER button when show the auto test menu, select test mode by pressing [UP] or [DOWN] button

DMX functions and values

DMX Values In-Depth (1-Channel Mode)

<table>
<thead>
<tr>
<th>Ch.</th>
<th>Function</th>
<th>Values</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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DMX Values In-Depth (4-Channel Mode)
### DMX Values In-Depth (7-Channel Mode)

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<td>0 - 100%</td>
</tr>
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<td>3</td>
<td>All Green LED</td>
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<td>0 - 100%</td>
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<tr>
<td>4</td>
<td>All Blue LED</td>
<td>000 - 255</td>
<td>0 - 100%</td>
</tr>
<tr>
<td>5</td>
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</tr>
<tr>
<td>6</td>
<td>Duration</td>
<td>000 - 255</td>
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### DMX Values In-Depth (11-Channel Mode)

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**DMX Values In-Depth (12-Channel Mode)**

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<td>Red Block2</td>
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**DMX Values In-Depth (24-Channel Mode)**

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### CLEANING AND MAINTENANCE

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

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<tr>
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<td>000-255</td>
<td>0 - 100%</td>
</tr>
<tr>
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<tr>
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<td>White 12</td>
<td>000-255</td>
<td>0 - 100%</td>
</tr>
</tbody>
</table>

### CAUTION!

**Disconnect from mains before starting maintenance operation.**

There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers. If you need any spare parts, please use genuine parts. If the power supply cable of this device becomes damaged, it has to be replaced by authorized dealers only in order to avoid hazards. If you have further questions, please contact your dealer.

### INSTALLATION
The device must only be installed at a vibration-free, oscillation-free and fire-resistant location.