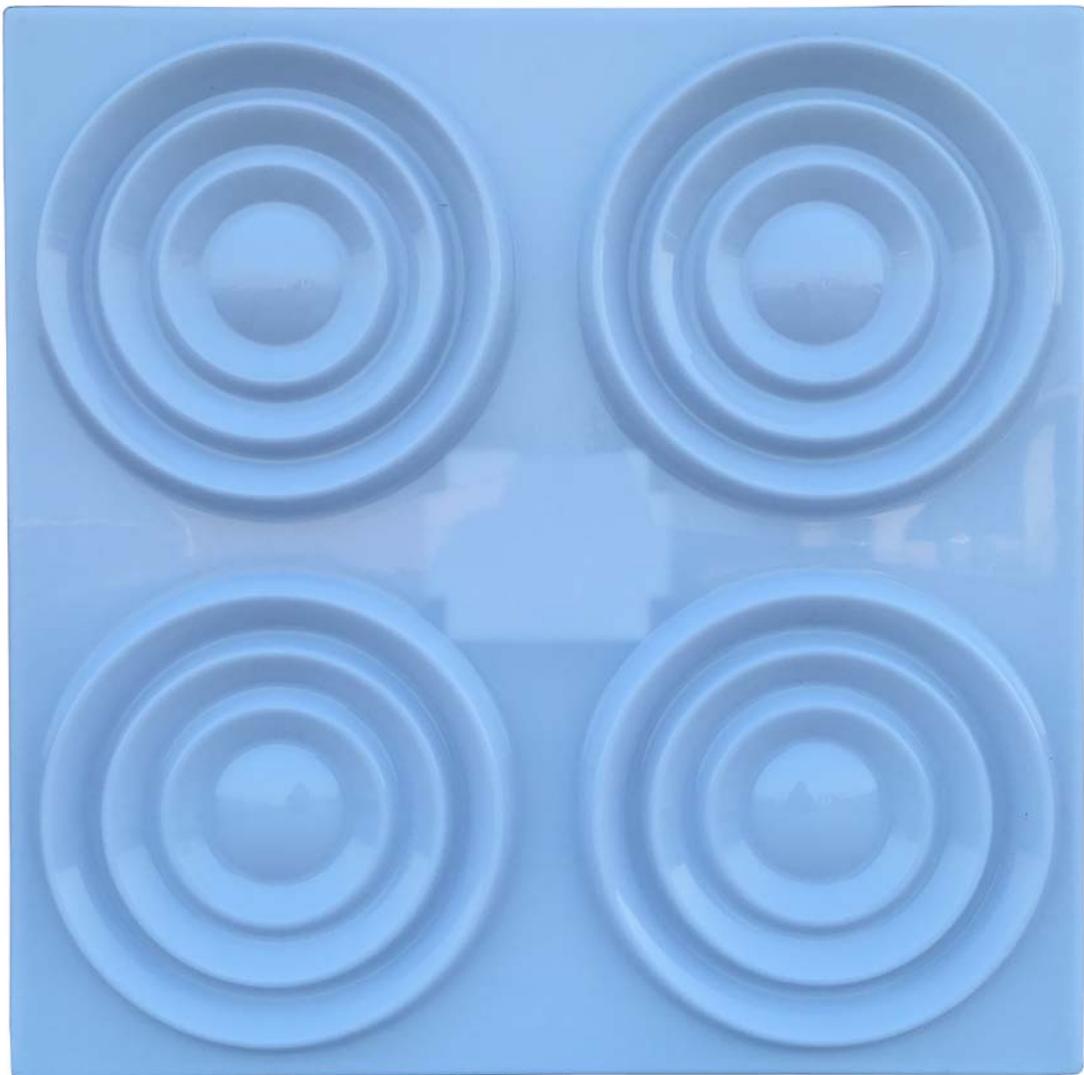


61x61CM LED Dynamic Wall Ceiling Panel

User Manual

RG-PDS34S305IA-V0

RG-N505



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General Information

About Unpacking:

Thank you for purchasing product. Every product has been thoroughly tested and shipped in perfect operating condition. Carefully check make sure all products with good packing before unpacking, and perfect look before using too. If the carton appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this unit to your dealer without first contacting customer support at the number listed below

Technical Support:

We provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.avledscreen.com for any comments or suggestions. For service related issue please contact us.

Support skype:	avledscreen
Support Email:	sales@avledscreen.com
Website:	http://www.avledscreen.com
Suggestions and Complaints:	aftersales@avledscreen.com
Working Time:	(Beijing Time)
Monday to Friday	08:00~12:00 13:30~17:30 18:30~20:30
Saturday	09:00~12:00 13:30~17:00

Note: all the rest of China's holidays!

Note! There are no user-serviceable parts inside the machine. Do not attempt any kind of repair; doing so will cause your manufacturer's warranty.

Important: Damage caused by neglect of the instructions in the user manual caused no warranty.

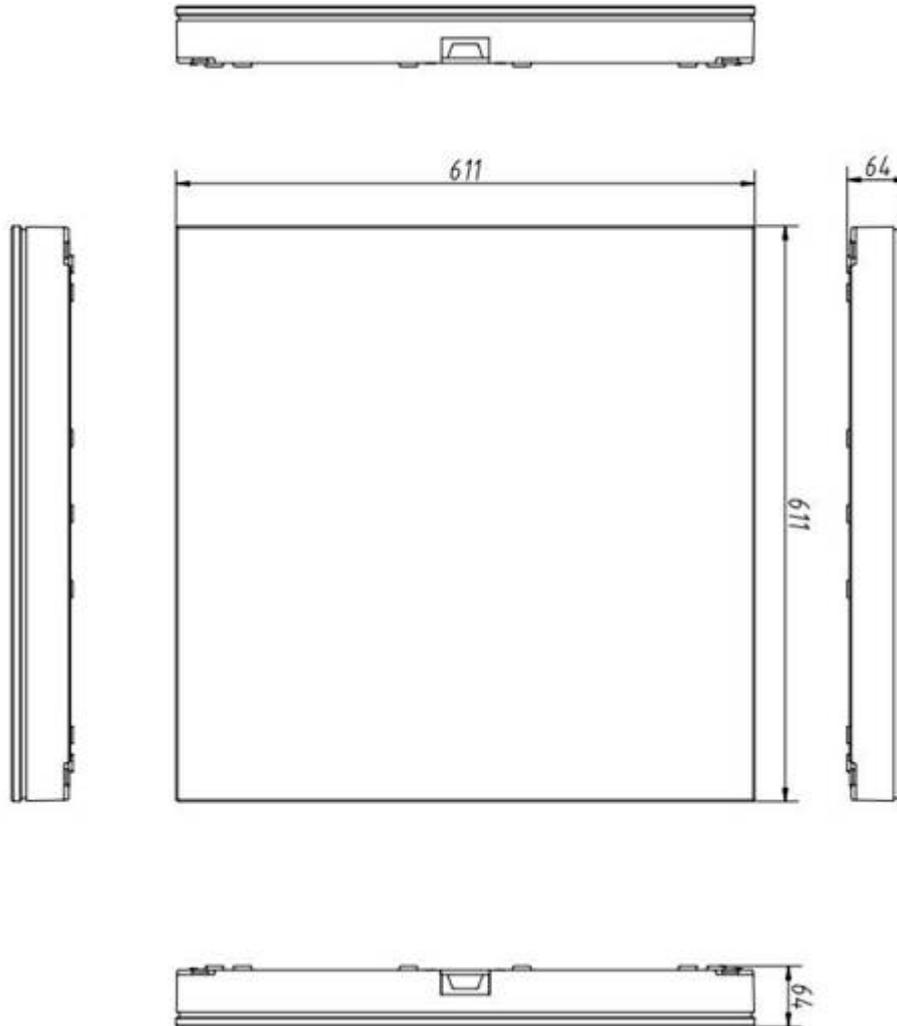
1. Packing List

61x61CM LED Dynamic point Panel Light 1 pcs

2. Product Features

- Multiple display modes
- Wealth effect, support 7 * 99 kinds of dynamic effects
- Aperture effect, 3D dynamic
- Use for Both Indoor and Outdoor

3. Schematic Diagram



4. Specifications

Item NO.	RG-PDS34S305IA-V0
LED Qty	528 pcs 5050 lamp beads
Pixels dots	4 dot

Light ring Number of turns	16
Rated Power	66W
Input Voltage	AC 100-240V 50/60Hz
Working life	50000Hrs
Gray Level	256
Control mode	SD card control box (with SD card), computer (optional), DMX (optional), voice (optional), audio control (optional), remote control (optional)
DMX Channels	6CH
Mode Quantity	7
Quantity of effect	99
Noise	50dB
Radiating the way	Fan
Dimensions	610x610x45mm
Net weight	4.8kg
main material	Acrylic +Iron
Body color	White panel
Ambient temperature	-20℃~+40℃
Environment	IP33

5. Installation Method

5.1 Installation Steps

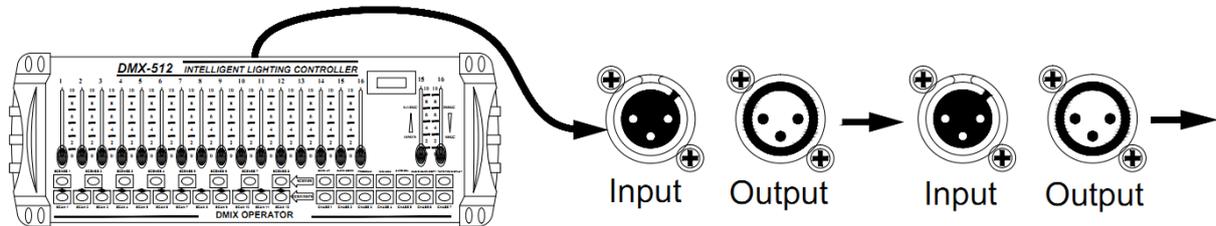
Please put the floors in the appropriate position (If work in outdoor environments, do waterproof treatment).

Please install all the floors in accordance with the expected size. Follow the principle of male -in& female-out. Connect all signal and power cables one by one &end to end. Please see related picture to ensure proper operation. After arrangement, the signal goes to the main controller; and power goes to Switch. Then turn on the power.

5.2 DMX Linking

When using a DMX controller to control one dynamic Master box or multiple dynamic master boxes, you need to use Grade connection with Signal cable between them. And make sure the DMX OUT port of first dynamic master box should be connected to DMX IN port of the next one

Notice: the length of signal cables should be within 100meters, to prevent the signal interference by other appliances because of the long signal cables.



5.3 AC Power

The fixture is designed to work on 100-240V 50/60Hz. Before applying turn on power,

Please double check the source voltage matches the unit's requirement

6. Safety Instructions

We've put the device in advance transferred intact state. In order to maintain this condition and ensure safe operation, the user absolute requirement to comply with the safety instructions and warnings written in terms of manual species.

Important Notice: Due to neglect this manual caused damage within the scope of our responsibility. Dealer is not responsible for failures and problems arising therefrom.

- If the device is placed in the intense temperature fluctuation environment, (egg after transportation), do not open the machine immediately. Or easy to make water vapor condensation and damage to equipment, Better to wait until equipment to reach room temperature before opening state
- This device is Class 1 protection equipment; make sure the power lines are grounded.
- Confirm compliance with internal operating voltage at a predetermined voltage
- Make sure the power cord is not curled or scratched by a sharp object, and regular inspection of equipment and power lines.
- When the device is not in use or before cleaning the device, unplug the power cord. Hand pulls the plug, not directly pull the power cord.
- Note: In operation Process, Outer Shell Become Too hot.
- Do not tampered with the device, the device does not warranty.
- Do not allow children or non-professionals close to the equipment.

7. Operation Instruction

- The Product is designed for professional venues, such as in the stage, disco, theater, etc Use.

- Light efficiency design is not permanent operation; intermittent use can ensure long-term stable and trouble-free use.
- Do not brute force to install or operate the equipment.
- When selecting an installation location, make sure the device is not exposed to extreme heat, humidity or dusty environments species, and around No other wire, to ensure the safety of themselves and others.
- Before operating the device, check good outer shell whether loose, all screw whether twist tight.
- Air temperature must not exceed the maximum specified temperature.
- Please read the instructions carefully and strictly in accordance with the operating instructions, non-professional operation will lead to the product can't function properly. By the analysis, most of the damage caused by improper operation.
- Such as floor tiles need transportation, please use the original packaging.
- For security reasons, we do not allow unauthorized modification of floor tiles.
- Do not tear ground brick the serial number; otherwise it will cause the warranty void.
- Improper operation may lead to product damage and lead to guarantee acceptance is invalid. In addition, not in accordance with the instructions may cause danger, such as short circuit, fire, electric shock, impact, etc.

8. Maintenance and cleaning

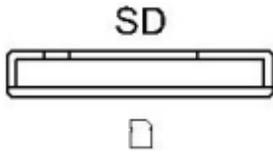
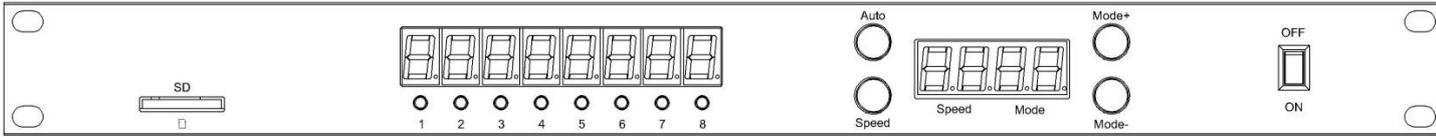
- The operator must confirm acceptance testing period should be professionally inspected and related safety equipment and machine technical installations.
- The operator must confirm every year by a skilled technician to inspect the safety-related equipment and machine technical installations.
- The following points must be noted during the inspection:
- All equipment used for mounting screws must be tightened and free of wear and corrosion.
- In the case shell, installation, installation without any damage.
- There should be no damage of the power cord, metal fatigue (such as the perforated line) or sediment. Must be installed by experienced personnel in accordance with the different installation site and use to give additional guidance. Potential safety hazard must be eliminated.

Danger! High Voltage! Danger to life!

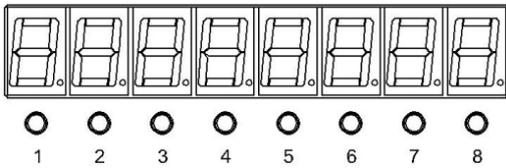
- Before starting maintenance operations, please disconnect the power supply!
- We recommend regular cleaning of equipment. Please use a wet hemp cloth clean, do not use alcohol or an organic solvent for cleaning.
- Responsible for maintenance and repair operations only by authorized dealers.
- If you need replacement parts, please use the original accessories.
- If the power cable is damaged, in order to avoid danger, to be replaced by authorized dealers.
- If you have any questions, please contact your local dealer.

9. Panel Explanation

9.1 Front Panel Description

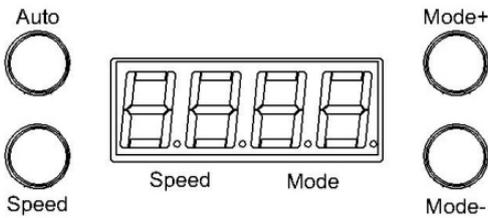


Insert an SD card



And open machine give ground brick write address 01-20

1-8 corresponding to the SD card



Auto: Adjust the volume, the smaller the value the more sensitive

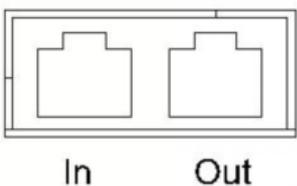
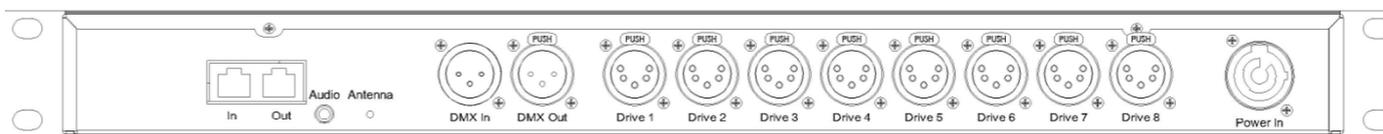
Speed: Speed adjustment, the greater the value the more slowly

Mode+: Effects + / to select the next effect



Control box to open the key

9.2 Rear panel Explanation

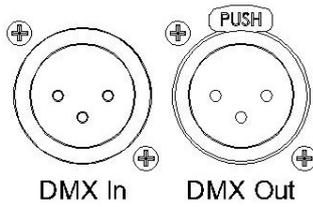


Master-slave master class networking line interface, for more than 8 outputs circumstances

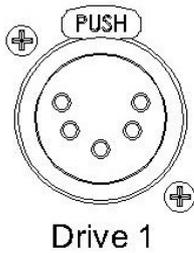
Audio Antenna



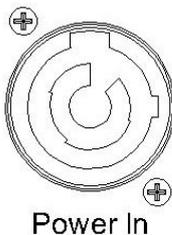
Audio: Audio Interface, Antenna: Antenna hole



DMX input and output, multiple master of DMX cascade



The lord control box the eight outputs



Power input: AC110-220V

9.3 Address

This function is used to set the floor starting DMX address. After Electricity, it automatically edit address for each controlled by DMX device has a starting address. DMX function is to guarantee the normal addressing. The floor tile can be controlled by DMX device after setting the address. However, DMX address will also allow floor ignore messages from any DMX controller. And have the function of power lost to keep to this address, don't repeat Settings.

9.4 Manual mode

This pattern includes seven modes, in this mode you can manually set up brick blending effect and save.

10. The control box channel

The first addresses affect the star channel of the control box.

For example:

If the first address is NO.001, then the channels star from CH1.

If the first address is NO.002, then the channels star from CH2.

Channel	Value	Function Description	
CH1	0-255	Audio control	
CH2	0-49	Speed 7	
	50-99	Speed 8	
	100-149	Speed 9	
	150-199	Speed 10	
	200-249	Speed 11	
	250-255	Speed 12	
CH3	0-128	0	<p>Effect NO =CH3+CH4+CH5+CH6</p> <p>For example: Effect</p> <p>97= 50 (CH3:129-255 :)</p> <p>+40 (CH4:200-255)</p> <p>+5 (CH5:129-255)</p> <p>+2 (CH6:100-149)</p> <p>(Max NO.99)</p>
	129-255	50	
CH4	0-49	0	
	50-99	10	
	100-149	20	
	150-199	30	
	200-255	40	
CH5	0-128	0	
	129-255	5	
CH6	0-49	0	
	50-99	1	
	100-149	2	
	150-199	3	
	200-255	4	

11. Amendment Log

2015-07-24 creates the first version V1.0

12. Important Notice

The contents of this manual are subject to change without notice, if in doubt, consult your local hotline.

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