

VARYTEC

IMPACT III



LED + Strobeeffect

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1. Safety instructions

FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature. Avoid exposing it to direct rays of the sun or near a heating appliance.

Do not put it in a temperature below 41°F / 5°C, or exceeding 95°F / 35°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the player for an extended period of time be sure to disconnect the plug from the receptacle.

2. Brief Introduction

LED Light Source: 262 PCS super brightness ϕ 5 LED,

4 colors:Red.Green.Blue.White.

Digital Display

Master Slave Mode

Auto Mode

Sound control mode(Sensitivity adjustable)

Standard DMX512 control signal , 5 DMX channels.

Splendid effect with running and rotating.

Voltage: AC120 / 60Hz 220V/ 50Hz

Power Consumption : 25W

Work Environment:Indoor 20°C-40°C

Net weight:4.5 KG Gross weight:6.0 KG

Dimension: 350L×350W×310H mm

Application:Main apply in entertainment places,such as dance hall,night club,stage,stadium,bar and KTV.

Character: This product use super brightness LED as light source,colourful,shakeproof,long working life.(100,000 hours),low heating,less power consumption,high security,can working 24 hours without stop.

3. Installation

1. The light can be fixed in any place,but the light must keep a distance between person or objects at 1m minimum. And please make sure the light is fixed well, the light should be earthed.
2. Please make sure the rated voltage and frequency should suit to your local voltage.
3. You can turn on the light after connected,and the light will reset, the lamp will off automatically when resetting,all these will push the motor to be a limited point.All the microprocessor control systems can record the position of all the motors.
4. Connection of the DMX512

The DMX512 signal of the controller is serial connected through the Input and Output 3pins XLR socket of the light.(1 Earth, 2 Negative、 3 Positive) (Note:Please exchange to solder the pin2 and pin3 if it's uncontrolled, it's unnecessary to change normally. The length of the signal cable should keep within 100 meters in order to avoid the interference.The light will work according to the IP Code which you selected when you are using the DMX512 controller control LCC005 Rotating LED Moon Flower.Setting of IP Code,first light show IP is A001,the

second light is 1+3=4,IP Code is A004, the third light is 1+3+3=7,IP Code is A007, (analogy accordingly,the setting method should according to the controller.

4. DMX 512 Control Instruction

CH1	CH2
0 – 112 Motor 0°-180°	120-127pattern15 248-255chase16
	112-119pattern14 240-247chase15
	104-111pattern13 232-239chase14
	096-103pattern12 224-231chase13
	088-095pattern11 216-223chase12
113 – 255 selfrotation	080-087pattern10 208-215chase11
	072-079pattern09 200-207chase10
	064-071pattern08 192-199chase09
	056-063pattern07 184-191chase08
	048-055pattern06 176-183chase07
	040-047pattern05 168-175chase06
	032-039pattern04 160-167chase05
	024-031pattern03 152-159chase04
	016-023pattern02 144-151chase03
	008-015pattern01 136-143chase02
	000-007blackout 128-135chase01

CH3	CH4	CH5
<p>Pattern Chase</p> <p>↑255 fast ↑255 fast</p> <p>strobe</p> <p>slow ▼ 8</p> <p>↑7 No strobe</p> <p>▼0</p> <p>slow ▼ 0</p>	<p>250 – 199 chase 16 240 – 191 chase 15 230 – 183 chase 14 220 – 175 chase 13 210 – 167 chase 12 190 – 159 chase 11 180 – 151 chase 10 170 – 143 chase 9 160 – 135 chase 8 150 – 127 chase 7 140 – 119 chase 6 130 – 111 chase 5 120 – 103 chase 4 110 – 095 chase 3 100 – 087 chase 2 090 – 079 chase 1 080 – 071 pattern 08 070 – 063 pattern 07 060 – 055 pattern 06 050 – 047 pattern 05 040 – 039 pattern 04 030 – 031 pattern 03 020 – 023 pattern 02 010 – 015 pattern 01 000 – 009 black out</p>	<p>Pattern Chase</p> <p>↑255 fast ↑255 fast</p> <p>strobe</p> <p>▼ 10</p> <p>↑9 No strobe</p> <p>▼0</p> <p>slow ▼ 0</p>

4.1. Digital display operation

1. Button function:MODE(Mode),FUNC(Function),UP(Add),DOWN(Subtract).
2. Switch modes:
 - A001:DMX
 - G-1-:Sound control S--:Slave mode
 - G-2-:Auto mode1 d-:Turn off display
 - G-3-:Auto mode2 G-4-:Reset

5. Maintenance



Please make sure it's power off before you open or maintain the light, it's very important to keep clear, cleaning the light usually will not only keep it with maximum brightness output, but also prolong its work life. The professional glass detergent for cleaning is suggested, alcohol and any chemical detergent is not allowed. The internal of the light must be cleaned by the vacuum cleaner once each year.

5.1. Warning

Please don't dismantle or remodel the light.

Please keep the light away from water or any of the liquid and metals.

Please don't install the light in high temperature environment.

Please don't irradiate on the flammable objects, it must keep a distance at 5m minimum between light and flammable objects.

the light must keep a distance with the near objects at 1m minimum.

Please don't look at the light directly, or it will hurt your eyes.

Please make sure it's power off before open or repair the light.

Note: To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture. This may hurt your eyes and avoid looking directly into the light source!

Please recycle the shipping carton when ever possible.

6. Modes

Sound to Light mode

- Set the fixture to G-1
- Adjust the sensitivity knob at the back fitting to your sound pressure level
- The fixture now changes the programs according to the music signal

Master Slave Mode:

- Set the master fixture to your desired program or function, for example a automatic program
- Now connect the master and slaves fixtures using a 3 pole XLR cable. Plug the xlr male plug into the master and connect the other side with xlr female to the slave.
- Go on like this, until all your desired fixtures are connected.
- Now the slave fixtures will work according to the master.

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