

## DJ ROBO SCAN 250-3 MANUAL

### A. Specification

- 1.voltages:AC120v
- 2.frequency:50HZ
- 3.power:300w
- 4.Lamp: PHILIPS MSD250 OR OSRAM HSD250
- 5.lighting Resistance:1.5KV
- 6.Insulating Resistance:>2M
- 7.Channel:6channels
- 8.Signals: international standard DMX512
- 9.Control method: Single mode /Synchronic mode /controller mode
- 10.Colors: 7colors /white/shutter
- 11.Gobos: 7Gobos with white

### B. Accessories:

- 1.XLR control
- 2.cablePower
- 3.cableThis manual

### C. Attention

- 1.Indoors only;
- 2.One must be familiar with lighting function before fix, perform and repair, many damages are caused by mal-perform.
- 3.Please carefully check if there is any damage caused in transportation as soon as unfold packing.
- 4.Before changing lamp, ensure power had been cut and off and lighting had fully cooled.
- 5.Open repairing cover, fit the lamp, do not touch lamp directly.
- 6.Do not use light with cover open.
- 7.Lighting must be fix in place breezy, examine fans cover after fix.
- 8.Power the light, it will self-examine automatically, do not do and perform before self-examined over.
- 9.Do not shake light.

### D. Single mode.

- Light has 12 dip switches, and No 12 is for standby.
- Disconnect controller; switch all IP code OFF, lighting is running in single mode.
- Under single mode, lighting is controlled by internal MIC.

### E. Synchronic mode

- You can connect several lights without controller in synchronic mode
- Turn one light the 10<sup>th</sup> IP ON, other IPs turned OFF, this light is a master machine.
- When the lighting is settled as a slave under DMX 512 or under synchronic mode with inner program, turn on the No 11 switch. While the lighting is used as a master under synchronic mode with inner program, then the No. 11 switch should be OFF.

- Please turn all the other lightings with No. 1 and 11 switches on, other 10 switches off as slaves.
- Connect Master Machine's DMX output to 1<sup>st</sup> Slave machine's input with XLR-XLR cable. Then Connect 1<sup>st</sup> slave machine output to 2<sup>nd</sup> slave machine's input, as so on, connect all lights in serials. Finally, connect circle plug (enclosed with machine) to output of last slave machine. Complete the connection. All lights running in synchronic mode.
- In synchronic mode, all lights controlled by internal MIC of master machine, and they will change color rhythmically with sound.

## F. Controller mode.

- Lighting controlled by internal standard DMX 512 signal pastoral ,you can change 1<sup>st</sup> TO 9<sup>th</sup> IP code setting by controller and controller several lightings.
- Connect DMX controller's output to the 1<sup>ST</sup> lighting's DMX input ,connect 1<sup>st</sup> lighting's output . to 2<sup>nd</sup> lighting's DMX input .And so on ,connect all lightings in serials .Finally ,connect circle plug (enclosed with machine )to output of last lighting's output .connection completed.

## G. Perform program

- Turn lighting the 9<sup>th</sup> and 10<sup>th</sup> ON, other IP code turn OFF, lighting will run in it is internal program mode.

## H. Channel

Channel 1: Colors	Channel 2: Gobos
Channel 3: Flashes	Channel 4: Gobo rotation
Channel 5: Pan	Channel 6: Tilt

## I. IP CODE SETTING

Lighting have 10 IP swithches,1-9 are IP CODE.

CODE 1=NO 1	CODE 2=NO 2
CODE 3=NO 4	CODE 4=NO 8
CODE 5=NO 16	CODE 6=NO 32
CODE 7=NO 64	CODE 8=NO 128
CODE 9=NO 256	

For example :turn the 1<sup>st</sup> code ON, the 4<sup>th</sup> ON ,the 5<sup>th</sup> ON ,get lighting's IP CODE:

$$1+8+16=25$$

## J.Maintains

1. keep lighting in dry place and do not working in moisture environment.
2. Do not made light running for a long time in risk of hot damage.
3. Made the fans grille cleaning.
4. Made the lens cleaning to get better effect.
5. Do not clear lighting shell by alcohol and other organic solvent.