

Product Specifications

Name: Mojo Rotogo™
Model: MOG-250
Voltage: 230V~50Hz (CE)
Power consumption: 300W
Fuse: T3.15A
Dimensions: 280x220x160 mm
Weight: 6.4 kg
Lamp: GX5.3 24V/250W (ELC)*

Name: Mojo Rotogo™
Model: MOG-250
Voltage: 230V~50Hz (CE)
Power consumption: 300W
Fuse: T3.15A
Dimensions: 280x220x160 mm
Weight: 6.4 kg
Lamp: 24V/250W EHJ G6.35*

Name: Mojo Rotogo™
Model: MOG-150
Voltage: 230V~50Hz (CE)
Power consumption: 200W
Fuse: T3.15A
Dimensions: 280x220x160 mm
Weight: 6.8 kg
Lamp: CDM-SA/T 150W/942

Name: Mojo Rotogo™
Model: MOG-250
Voltage: 120V~50/60Hz
Power consumption: 300W
Fuse: T3.15A
Dimensions: 280x220x160 mm
Weight: 6.4 kg
Lamp: GX5.3 24V/250W (ELC)*

Name: Mojo Rotogo™
Model: MOG-250
Voltage: 120V~50/60Hz
Power consumption: 300W
Fuse: T3.15A
Dimensions: 280x220x160 mm
Weight: 6.4 kg
Lamp: 24V/250W EHJ G6.35*

Name: Mojo Rotogo™
Model: MOG-150
Voltage: 120V~50/60Hz
Power consumption: 250W
Fuse: T3.15A
Dimensions: 280x220x160 mm
Weight: 6.8 kg
Lamp: CDM-SA/T 150W/942

*: Versions for other lamps may be produced. Please check the specification label on your product.

Product specifications may be subject to change. Please visit www.geni.com.tw for details.

Mojo Rotogo™ Product User Guide

(MOG-250,MOG-150)



*Mojo Rotogo
A must for displays, exhibitions,
shopwindow, pubs and disco-
Mojo Rotogo gets attention.*



Geni Electronics Co., Ltd.

THANK YOU!

Thank you for buying a Geni product. For best results, please carefully read and follow the directions in this product user manual.

Congratulations!

You have a great, innovative product from Geni Electronics Co., Ltd. Geni Mojo Rotogo™ make anyplace festive. Whether you want simple plug-&-play action or a sophisticated DMX show, this product series has an effect for you.

You can rely on Geni Electronics Co., Ltd., for more excellent lighting products. We design and manufacture strobes, effects, and mirrored projectors. And new products are being launched regularly. For information, please visit our web site at <http://www.geni.com.tw>. We work hard to keep you, our customer, satisfied.

You can get some of the best quality, best priced products on the market from Geni. So next time, turn to Geni for more great lighting equipment. Always get the best -- with Geni.

Thank you!

Geni Electronics Co., Ltd.

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Get the Best - Get Geni
Geni Sets the Standard

Appendix A - DMX Dip Switch Value Guide

DMX products must have their own "address" to receive DMX signals. Addresses on MOG products are set by flipping appropriate DMX Dip switches.

To do this, you need to know that DMX dip switches have the following values: #1=1; #2=2; #3=4; #4=8; #5=1; #6=32; #7=64; #8=128; #9=256. And you need to know that DMX address settings are the sum of the dip switch values.

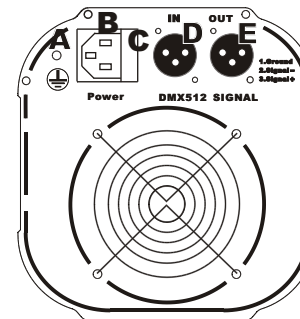
For example, standard DMX addresses for four MOG effect lights, each of which has four channels, Follow:

MOG	Address Value	DMX Dip Switches "ON"
Unit 1	1	#1
Unit 2	3	#1,#2
Unit 3	5	#1,#3
Unit 4	7	#1,#2,#3

Explanation: Since each unit has four channels, each address advances four values (See Address Value above).

Once address values are figured out, add DMX dip switch values to obtain the appropriate address (DMX Dip Switches "ON") for each unit. Flip appropriate DMX dip switches on each unit.

Appendix B-Back Panel



- A - Earth (Ground)
- B - IEC power connector
- C - Fuse holder
- D - DMX signal Canon connector (IN)
- E - DMX signal Canon connector (OUT)

Figure 6

Troubleshooting

This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps. If the effect does not operate properly, refer servicing to a technician.

No Light, No Movement - All Products

Response: Suspect three potential problem areas: the power supply, the lamp, the fuse.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. The lamp. Replace the old lamp with a new one of appropriate specifications. See directions above for replacing lamps.
3. The fuse. Replace the fuse. See directions above for replacing the fuse.

No Response to DMX

Response: Suspect the DMX dip switch setting, DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.

1. Check the DMX dip switch setting. Make sure the DMX dip switch address setting is correct.
2. Check the DMX cable: Unplug the unit; change the DMX cable; resupply electrical power. Try your DMX control again.
3. Determine whether the controller or light effect is at fault. Does the controller operate other DMX products properly? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

Mojo Rotogo™(MOG) Product Guide

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The lamp for MOG-150 differs from that of MOG-250, besides this all other features between are the same. In this manual, all features description of MOG also applies to MOG-150/250.

Description

The mini-projector displays up to seven colored exchangeable gobos that rotate and change automatically. And it uses a unique patented mechanical process that ensures long product life



Warning!

Like all electronic products, Mojo Rotogo[™] effect lights must be used with common safety precautions in mind.

Mojo Rotogo[™] effect lights contain no user-serviceable parts. Refer servicing to qualified technicians only.

Disconnect from electric mains power supply before removing covers or changing lamps. Keep case closed while operating. Do not insert objects into air vents.

Keep away from flames and flammable material. Keep away from liquids. Never operate in rain or in damp conditions.

If effect lights are dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.

Lamp and metal become hot during operation. Allow time to cool before handling. Do not touch lamp bulb glass with bare hands.

Read user manual instructions thoroughly before operating. Follow the instructions. Never remove warning or informative labels from the unit.

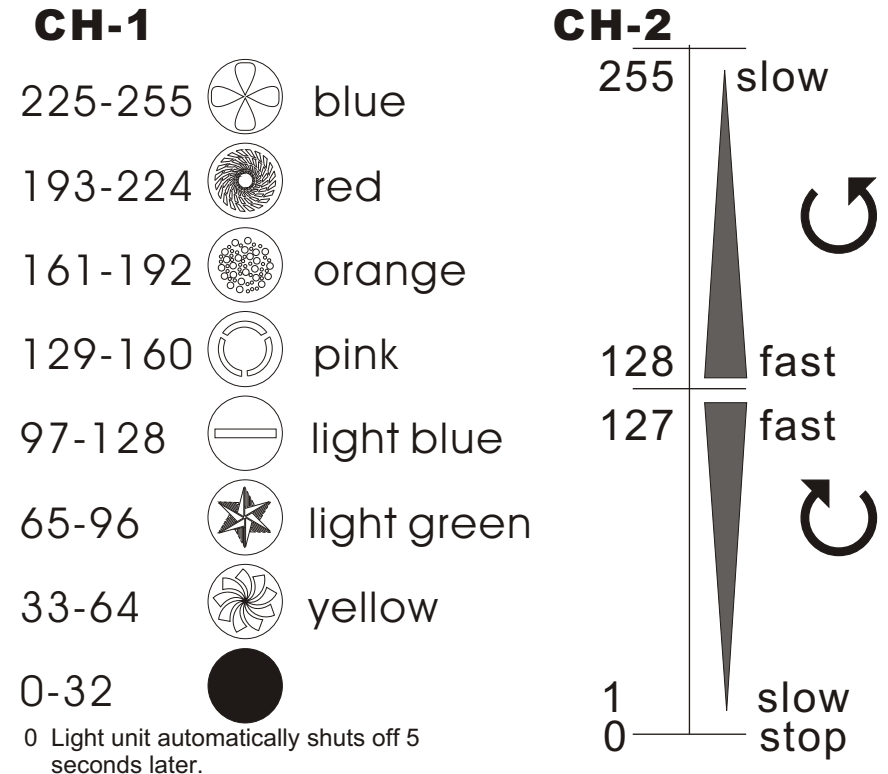
This appliance must be earthed.

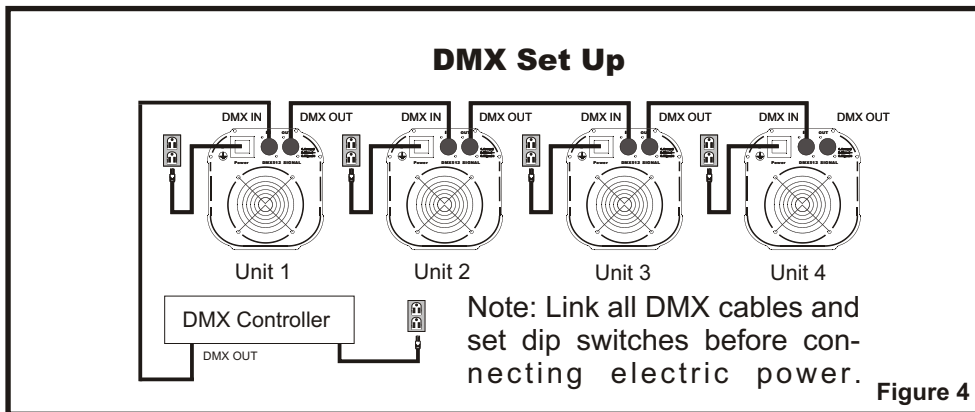
Function Dip Switch Chart

DIP SETTING	FUNCTIONS															
	10	20	30	1	2	3	4	5	6	7	8	9	10	11	12	13
DIP 1-4 Interval options for Gobo rotation	DIP 1	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off	On	On
	DIP 2	Off	Off	On	On	Off	Off	On	On	Off	Off	On	On	Off	Off	On
	DIP 3	Off	Off	Off	Off	On	On	On	On	Off	Off	Off	Off	On	On	On
	DIP 4	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On
DIP 5-8 Rotating Pace	Options for Gobo rotating pace. All Off :48 sec/per rotation .All On :1 sec/per rotation.															
DIP 9 Rotating directions	Options for Gobo rotating directions. Off : Counter clockwise. On : clockwise															
DIP 1-9 all OFF	Gobo stop shifting and rotating.															

Figure 5

DMX Channel Chart





Maintenance

Mojo Rotogo™ effect lights require almost no maintenance. However, you should:

- Keep the unit clean. Disconnect the mains power supply, then wipe the cover with a damp cloth. Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Clean internal components about once a year with a light brush and vacuum cleaner. Do not use alcohol or solvents.
- Keep connections clean. Disconnect electric power, then wipe the DMX and audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Changing the Lamp

If electrical power is supplied and the lamp does not light, it may be time to change the lamp.

Replacing a Fuse

Power surges or inappropriate electrical power supply may cause a fuse to bum out. If the fuse bums out, the product will not function whatsoever. If this happens, replace the fuse as follows:

- 1) Unplug the unit from electric power source.
- 2) Insert a flat-head screwdriver into a slot in the fuse cover (C in figure 6). Gently pry up the fuse cover.
- 3) Note two fuses: The replacement fuse is covered; The used fuse has both ends exposed. Remove the used fuse. If brown or unclear, it is burned out.
- 4) Push the replacement fuse out of its cover, then insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover.

Products are packed with a replacement fuse. If your replacement fuse is missing, a new one can be purchased at an electric appliance store. Be sure to use a fuse of the same type and specification. See the product specification label for details.

Getting Ready

All Geni products are thoroughly tested at the factory and shipped in perfect condition. If damage has occurred during shipping or if components are missing, please contact your Geni dealer immediately.

Your package should include:

- (1) One Mojo Rotogo™ effect light with bracket.
- (2) One IEC electric mains power cord with plug.
- (3) One product user manual.

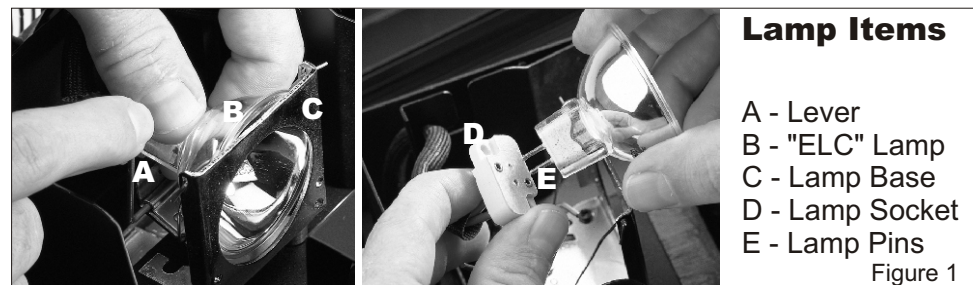
The lamp may or may not be included, depending on your GENI dealer. In most cases, the lamp is not included.

Install the Lamp (ELC)

Mojo Rotogo™ color changer use either the GX5.3 24V/250W lamp by Osram or the ELC lamp of identical specifications by Philips. Use only the appropriate lamp for your unit. Note that product versions that use other lamps may be offered in the future. Check your product specification label for information.

Lamp Installation (ELC)

- (1) Loosen the two screws on the top of the lamp cover. Open the case.
- (2) Read lamp instructions. Do not touch the lamp bulb glass. (See Figure 1.) Oil on hands shortens the lamp life. (If you touch the bulb glass, wipe off the glass with a clean, lint-free towel and rubbing alcohol.)
- (3) Hold the lamp socket with one hand. Insert the lamp pins into the holes in the lamp socket.
- (4) Make sure that the lever is up. Slide the lamp into the lamp base.
- (5) Put on the lamp cover and fasten the screws snugly.



Install the Lamp (EHJ)

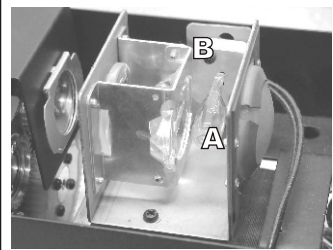
Mojo Rotogo™ use either the HLX 64655 24V/250W lamp by Osram or the EHJ lamp of identical specifications by Philips. Use only the appropriate lamp for your unit. Note that product versions that use other lamps may be offered in the future. Check your product specification label for information.

Install the Lamp (CDM-SA/T 150W/942)

Mojo Rotogo™ use either the CDM-SA/T 150W/942 by Philips. Use only the appropriate lamp for your unit. Note that product versions that use other lamps may be offered in the future. Check your product specification label for information.

Lamp Installation(EHJ or CDM-SA/T 150W/942)

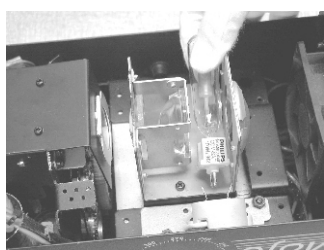
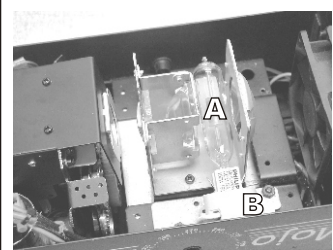
- (1) Loosen the two screws on the top of the lamp cover. Open the case.
- (2) Read lamp instructions. Glove your hand before grasping the lamp. Oil on hands shortens the lamp life. (If you touch the bulb glass, wipe off the glass with a clean, lint-free towel and rubbing alcohol.)
- (3) Insert the two pins of the new lamp into the holes in the lamp socket.
- (4) Put on the lamp cover and fasten the screws snugly.



Installing the Lamp
(EHJ)

A - Lamp
B - Lamp socket

Figure 2



Installing the Lamp
(CDM-SA/T 150W/942)

A - Lamp
B - Lamp socket

Figure 3

Product Operation Overview

Mojo Rotogo™ products are easy to operate. In general, there are two modes: Manual and DMX. Activate manual mode by flipping function dip switch "on". Allow for DMX control by leaving function dip switch "off" on all units.

Set Up and Operation

The set up and operation of all Mojo Rotogo™ effect light is similar. The main difference is that function channels of various items vary, so that dip switch settings differ slightly. Follow directions below as they pertain to your particular product and your preferred operation mode.

Before plugging unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

One-unit Manual

- (1) Fasten the effect light onto firm trussing (Use a 20-kg rated or stronger C- clamp fastened onto the Mojo Rotogo™ bracket). Leave at least one meter on all sides for air circulation.
- (2) Flip "on" Func. dip switch.
- (3) Plug one end of the electric mains power cord into the IEC socket on the unit. (See figure6, page 8.) Then plug the other end of the cord into a proper electric power supply socket.
- (4) Refer operations to figure 5, Page6

DMX Control

1. Fasten the effect light onto firm trussing (Use a 20-kg rated or stronger C- clamp bolted onto the Mojo Rotogo™ bracket). Leave at least one meter on all sides for air circulation.
2. Link the units as shown in Figure 4. Plug a DMX signal cable from the controller to the first unit's DMX "in" socket. Then plug a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link following units.
3. Set DMX dip switches as follows.

MOG	Dip ON
Unit 1	#1
Unit 2	#1,#2
Unit 3	#1,#3
Unit 4	#1,#2,#3

For more units, continue to use standard DMX dip switch settings. See Appendix A for details.

4. On the last in a series of units, flip "on" the Terminate dip switch (Term. dip switch). This keeps the signal clear. Make sure other function dip switches are "off".
5. Supply electric power: Plug electric mains power cords into each unit's IEC socket (see figure 6), then plug the other end of the mains power cord into proper electric power supply sockets. Do so for all units and the controller. Do not supply power before the whole system is set up and connected properly.
6. Design your show according to your DMX controller functions. DMX channel functions are shown on pages 6.