User manual

pastello Moving Fingers

GLG

GLG Lighting products

Before use please read this manual

1.Safety Precautions:

*To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture

*Do not spill water or other liquids into or on to your unit.

*Be sure that the local power outlet match that of the required volt- age for your unit.

*Do not attempt to operate this unit if the power cord has been frayed or broken.

*Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and ire in case of an internal short.

*Disconnect from main power before making any type of connection.

*Do not remove the cover under any conditions. There are no user serviceable parts inside.

*Never operate this unit when its cover is removed.

*Never plug this unit in to a dimmer pack

*Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6(15cm) between this device and a wall.

*Do not attempt to operate this unit, if it becomes damaged.

*This unit is intended for indoor use only, use of this product out doors voids all warranties.

*During long periods of non-use, disconnect the units main power.

*Always mount this unit in safe and stable matter.

2.Cleaning

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1.Use normal glass cleaner and a soft cloth towipe down the outside casing.

2 .Clean the external optics with glass cleaner and a soft cloth every 20 days.

3 .Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture

Operates (i . e .s m o k e ,fogresidue ,dust ,dew) .

3.Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:

Check that the DMX cables are connected properly and are wired correctly (pin 3 is hot; on some other DMX devices pin 2 may be 'hot'). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:

Quiet or high pitched sounds will not activate the unit. If problems are not resolved, contact

(Note:To exit the Menu Operation,Please press the Menu Button for Three Seconds Long)

*Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience recep- tacles, and the point where they exit from the appliance.

*Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 10 for cleaning details.

*Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (in- cluding amplifiers) that produce heat.

*The fixture should be serviced by qualified service personnel when:

A. The power-supply cord or the plug has been damaged.

B. Objects have fallen, or liquid has been spilled into the

C. The appliance has been exposed to rain or water.

D. The appliance does not appear to operate normally or exhibit marked change in performance.

DMX-512:

DMX is short for Digital Multiplex. This is a universal used as a form of communication between intelligent fixtures and controllers. A DMX controller sends

DMX data instructions from the controller to the fixture. DMX data is sent as serial data that trav
els from fixture to fixture via the DATAIN and DATA OUT XLR terminals located on all DMX fixtures (most controllers only have a DATA OUT terminal).

DMX Linking:

DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX com-pliant. To ensure proper DMX data transmission, when using several
DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1,may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.
Data Cable (DMX Cable) Requirements (For DMX and Master/Slave Operation):
Your unit and your DMX controller require a standard 3-pin XLR connector for data

Figure1

input and data output (Figure 1).

If you are making your own cables, be sure to use standard two conductor shielded cable (This cable may be purchased at almost all pro sound and lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and can not be split.

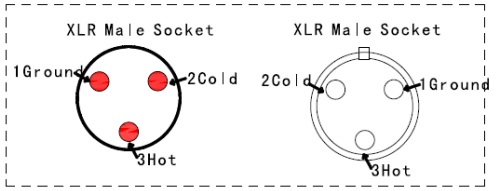
Notice:

Be sure to follow figures two and three when making your own cables. Do not use the ground plug on the XLR connector. Do not connect the

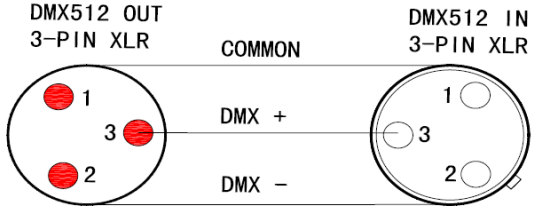
6.Main Features:

LEDs :	Led 8*4in1 10w
Voltage :	110-260v/50-60Hz
Packing size :	118*50*36 cm (4pcs/package)
GW:	8Kg
DMX :	39Channel

CH12	light 3	0～255,R--From dark to bright
CH13	light 3	0～255,G--From dark to bright
CH14	light 3	0～255,B--From dark to bright
CH15	light 3	0～255,W--From dark to bright
CH16	light 4	0～255,R--From dark to bright
CH17	light 4	0～255,G--From dark to bright
CH18	light 4	0～255,B--From dark to bright
CH19	light 4	0～255,W--From dark to bright
CH20	light 5	0～255,R--From dark to bright
CH21	light 5	0～255,G--From dark to bright
CH22	light 5	0～255,B--From dark to bright
CH23	light 5	0～255,W--From dark to bright
CH24	light 6	0～255,R--From dark to bright
CH25	light 6	0～255,G--From dark to bright
CH26	light 6	0～255,B--From dark to bright
CH27	light 6	0～255,W--From dark to bright
CH28	light 7	0～255,R--From dark to bright
CH29	light 7	0～255,G--From dark to bright
CH30	light 7	0～255,B--From dark to bright
CH31	light 7	0～255,W--From dark to bright
CH32	light 8	0～255,R--From dark to bright
CH33	light 8	0～255,G--From dark to bright
CH34	light 8	0～255,B--From dark to bright
CH35	light 8	0～255,W--From dark to bright
CH36	Macro Function	
CH37	Colorful color jump	0～210，Built-in colorful color jump
		211～255，Colorful flow
CH38	Colorful flow velocity	0～255，from slow to fast
CH39	Electronic reset	



XLR Pin Configuration
pin1=Ground
pin2=Data Compliment(negative)
pin3=Data true(positive)



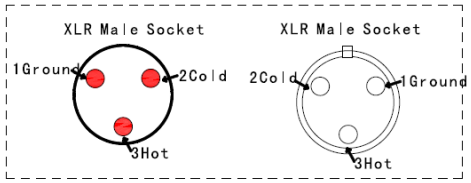


Figure2

XLR Pin Configuration
pin1=Ground
pin2=Data Compliment(negative)
pin3=Data true(positive)

Pin1:ground pin2:data true(negitive) pin3:data compliment(positive)

4.Menu Instructions:

Four buttons and their funcation:

Return: Return to last saved menu mode, discontinue current operating state

Up: Add key

Down: Decrease key

Enter: To enter or save current operating state,or adjust the dmx value

MENU DISPLAY

Menu 1	DMX 512	Auto show to “Slave” when connected to be slave
Menu 2	Salve	Slave mode
Menu 3	Sound	Music control mode
Menu 4	Auto	Auto run
Menu 5	Color	Color selection

Menu 6	Color change	Color jump
Menu 7	Color Fade	Rainbow effect
Menu 8	No.	Software serial number
Menu 9	Motor Position	Motor position setup
Menu 10	Auto Run Motor	Switch for motor auto running
Menu 11	Display_off	Black out LCD or not

5. DMX Channel chart

Function table of 10 Channels		
Channel	Function	Numerical
CH1	Dimming for all	0～255,From dark to bright
CH2	stroboscopic	0～9 Full bright,10～255 Stroboscopic from fast to slow
CH3	motor	0～255，Motor rotation
CH4	R-Dimming	0～255,From dark to bright
CH5	G-Dimming	0～255,From dark to bright
CH6	B-Dimming	0～255,From dark to bright
CH7	W-Dimming	0～255,From dark to bright
CH8	Colorful color jump	0～210，Built-in colorful color jump
		211～255，Colorful flow
CH9	Colorful flow velocity	0～255，from slow to fast
CH10	Electronic reset	
Function table of 14 Channels		
Channel	Function	Numerical
CH1	Dimming for all	0～255,From dark to bright

CH2	stroboscopic	0～9 Full bright,10～255 Stroboscopic from fast to slow
CH3	motor	0～255，Motor rotation
CH4	Light	0～255,RGBW--From dark to bright
CH5	Light	0～255,RGBW--From dark to bright
CH6	Light	0～255,RGBW--From dark to bright
CH7	Light	0～255,RGBW--From dark to bright
CH8	Light	0～255,RGBW--From dark to bright
CH9	Light	0～255,RGBW--From dark to bright
CH10	Light	0～255,RGBW--From dark to bright
CH11	Light	0～255,RGBW--From dark to bright
CH12	Colorful color jump	0～210，Built-in colorful color jump
		211～255，Colorful flow
CH13	Colorful flow velocity	0～255，from slow to fast
CH14	Electronic reset	
Function table of 39 Channels		
Channel	Function	Numerical
CH1	Dimming for all	0～255,From dark to bright
CH2	stroboscopic	0～9 Full bright,10～255 Stroboscopic from fast to slow
CH3	motor	Motor rotation
CH4	light 1	0～255,R--From dark to bright
CH5	light 1	0～255,G--From dark to bright
CH6	light 1	0～255,B--From dark to bright
CH7	light 1	0～255,W--From dark to bright
CH8	light 2	0～255,R--From dark to bright
CH9	light 2	0～255,G--From dark to bright
CH10	light 2	0～255,B--From dark to bright
CH11	light 2	0～255,W--From dark to bright