V-740 Zoom
MOVING HEAD LED

USER MANUAL

IMPORTANT SAFETY

1, Read the instruction of this manual carefully.

2, Keep this instruction in safety place.

3, Heed all of the warnings.

4, Follow all of the instructions.

5,When the installation of this device, please respect your country safety regulations.

6, Don't use this device close to the water or high humidity places, clean only with dry cloth.

7, Don't install near any heat sources such as radiators, heat registers stoves, or other apparatus (including amplifiers) that produce heat, Make certain that the equipment is always installed so that is cooled and can't overheat.

8, Don't block any ventilation openings, install in accordance with the manufacturer's instructions.

9, Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

10.Only use attachments/accessories specified by the manufacturer or the distributor.

11.Unplug this device during lightning storms or when unused for long period of time.

12.The technical service is required when the device has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the device, doesn't operate normally or has been dropped.

13. To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle.

14. The main plug of the power supply cord shall remain readily operable.

15.WARNING-To reduce the risk of fire or electric shock, don't expose this device to rain or humidity.

16.Don't expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.

OVERVIEW

LED7*40W is a led moving head light that is the latest development of the smart, efficient products with led lamp source, professional shape combined with the advanced technology of today's stage lighting products with international advanced electronic control technology and excellent user-friendly industrial design.

This Led moving head, coupled with the high-quality optical lens components, broadband voltage, a clear pattern, sharp and uniform output light efficiency, it intelligent LCD display module allow to navigate through the menu, to set the device, intuitive operating menu, shortcuts, settings...

LED7*40W have 12/17 international standard DMX512 channels as horizontal scan:540°,vertical scanning 270°（8/16 bit precision scanning）electronic correction, lcd display ,four touch switch LCD+ single -key flying shutter can spin, It can be inverted 180°, 0-100% mechanical dimmer, support mechanical strobe and variable strobe effect and strobe macro function, It optical system of the lens group electronic focusing, with overheating protection function, the head lights of the LED7*40W are widely used in television, disco dance halls, nightclubs, performances and other professional places.

TECHNICAL DATA:

1, Smooth, fine, good color consistency.

2. Multiple dimming curves and dimming delay modes are supported.

Input voltage: AC90-260V, 50/60hz.

Total power :350W

LED lamp source :7*40w 4in1 RGBW HIGH BRIGHTNESS LED lamp source.

Control signal: dmx512, master-slave and sound-activated.

Control channels :12/17 DMX channels

zoom Angle: 4-36 degrees

Product size :38*20*40CM

Packing size :41*30.5*41.5CM

Net weight: 9.5kgs, Total weight: 12kgs

INSTALLATION

This product is only suitable for professional use, and does not apply to security for other purposes, this product is designed for indoor use, it is IP20 protection class, led lamps should be kept dry to avoid moisture, overheating or dusty environment, Prevent lamps get in contact with water or any other liquid, the use of this product should pay attention to : fire, heat, electric shock, ultraviolet radiation, the lamp to explode or shedding caused serious of fatal injury, be sure that when you install the unit in a truss system, all the truss clamps are well close and pressed, all the structure where the devices are installed must support perfectly all the weight.

Anti-high temperature

Please don't use the equipment if the temperature above 40°

Rupture prevention

The lens should be replaced when they are damaged or presents any problem, replace always with original lamp from .

To prevent falling wounding

Please don't move the package by one person only, if the device is going to be transport, please verify that the facilities to be able to withstand the weight of the lamps at least 10 times more.

Please make sure the truss structure is strong enough, and use always a steel wire as auxiliary security between the device and the structure.

UA protection

Is not allow straight the viewpoint with exposed lamp source, Don't use the equipment without the lens or without lamp, the lens and the light head covers should be timely replaced if any appears any sign of damage or rupture. The device should be used with the protection screen together.
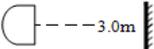
Prevention of electric shock

The electrical connection must only be carried out with corresponding qualifications;
Before installing, make sure you use the power voltage lamps must comply with the identified power, voltage and have an overload or leakage protection;
Each light must be properly grounded, installed in accordance with the relevant standards;
Cut off the power when stall or replace the lamp and the fuse;
Prohibit the use of a lightning storm or wet environment.

Prevent burning or fire

1. The fixture can be mounted directly on the surface of ordinary combustible material.

2. Do not short-circuit temperature protection switch or fuse, use the specified type of fuse.

3. The equipment must be installed away from inflammable and explosive materials.

4. The equipment should be projected range of 3 meters away objects and projectiles temperature less than 60 ° C; ---- 3.0m.

5. Fan or ventilation, at least in the range of 0.5 meters can not be an obstacle.

6. Do not place any object on the lens.

7. Handling at least allow the device to cool for 20 minutes.

8. Do not replace the non-original parts.

Transport protect lock

In order to protect the light, the device counts with a vertical lock to stop from unwanted movement, during the transport, the lock must remain close keeping the item safe.

About Packing

1, Before save the device, make sure the power is off and wait for at least 10 minutes to cool it down.

2, Before clean the lens, make sure X,Y axis are in good condition.

3, After pack it by a plastic bad, carry and move it using it the two handles besides the product and put the product into the fly case up-side-down.

4, After the product have been packed, put the accessory into the case and close and lock the fly case.

Unpacking

Note: before unpacking check the damage is whether due the transportation or not, if you find any such damage, please don't use this item, and contact with the dealer.

 1, Open the fly case and take out the inside plastic bag.

 2, High-lift the product by two handles beside the bottom base and move it out.

 3, Make sure you have opened the X,Y axis and after the power on the unit.

ATTENTION:

One product just can accept one input and one output.
LED7*40W DMX cables includes 3 contact pins:
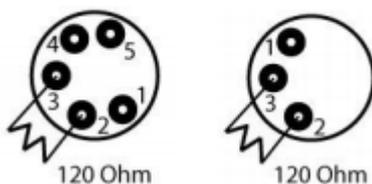Pin 1: Ground

Pin 2: Connect it to the negative pin

Pin 3: Connect it to the positive pin

The DMX cable must use the professional shielded twisted pair cable, standard loudspeaker cable is not reliable to control the long-range data,24AWG is suitable for more than 300 meters long-distance signal transmission and must add DMX512 signal amplifier, don't use two output to separate the connection, if you separate a continuous connection you will need to use a DMX splitter.

Don't overload the connection, one continuous connection can only support to 20 devices.

If a DMX512 splitter is used, follow this instruction:
At first connect the DMX512 splitter input terminal to controller, after that, connect it from the splitter output terminal to next device, do as above guide to connect other device and finally coupled with terminal insertion, to prevent system errors, the last device in a DMX chain needs to be equipped with a terminating resistor(120ohm,1/4Watt).

120 Ohm   120 Ohm

CONTROL MENU TABLE

primary menu	secondary menu	Level 3 menu / Parameter	parameter
Dmx Addr	001 - 512		
Fix Set	Ch Mode	STD/HIS	
	Run Mode	DMX/Host	
	Pan Inv	Close/Open	
	Tilt Inv	Close/Open	
Manual	Pan	0 - 255	
	Pan Fine	0 - 255	
	Tilt	0 - 255	
	Tilt Fine	0 - 255	
	.	0 - 255	
	.	0 - 255	
	.	0 - 255	
Fix Info	Time Info	Cur Time	xxxh
		Show Time	xxxh
		PowerCnt	xxx
	SenSor	Pan	OK/NG
		Tilt	OK/NG
		Zoom	OK/NG
		Temp	OK/NG
		Fan	OK/NG
	Temp Info	Temprat	xxx C
		Fan Speed	xxxx RPM
	Soft Ver	Panel	Vx.xxx
		Motor	Vx.xxx
Home Set	Password	0 - 255	
	Pan	0 - 255	
	Tilt	0 - 255	

	Zoom	0 - 255	
	Red	0 - 255	
	Green	0 - 255	
	Blue	0 - 255	
	White	0 - 255	
FixReset	Reset	Cance/Run	
	Factory	Cance/Run	
Display	Language	EN/CH	
	DispFlip	Open/Close	
	DispMode	Show/60s	

DMX CHANNEL LIST

12 Channel Mode

1	Pan	0-255
2	Pan Fine	0-255
3	Tilt	0-255
4	Tilt Fine	0-255
5	P/T Speed	0-255
6	Hue	0-255
7	Saturation	0-255
8	Intensity	0-255
9	SLOW STROBE - FAST STROBE	0-255
10	NARROW BEAM - WIDE BEAM	0-255
11	Control	0-255
12	UNUSED RANGE	0-127
	COMPLETE RESET	128-255

17 Channel Mode

1	Pan	Pan Rotation	0-255
2	Pan Fine	Pan Fine	0-255
3	Tilt	Tilt Rotation	0-255
4	Tilt Fine	Tilt Fine	0-255
5	P/T Speed	P/T Speed	0-255
6	Red	LED OFF - LED ON	0-255
7	Green	LED OFF - LED ON	0-255
8	Blue	LED OFF - LED ON	0-255
9	White	LED OFF - LED ON	0-255
10	Dimmer	NO LIGHT - FULL LIGHT	0-255
11	Strobe	OPEN	252 - 255
		RANDOM FAST STROBE	239 - 251
		RANDOM MEDIUM STROBE	226 - 238
		RANDOM SLOW STROBE	213 - 225
		OPEN	208 - 212
		SLOW PULSATION - FAST PULSATION	108-207
		OPEN	104 - 107
		SLOW STROBE - FAST STROBE	4-103
		CLOSED	0 - 3
12	CCT	2500 K	225-255
		3200 K	189-224
		4000 K	145-188
		5000 K	118-144
		5600 K	100-117
		6000 K	55-99
		7000 K	11-54
		8000 K	10
		UNUSED RANGE	0-9
13	Macro colour	White	209-255
		Dirty White	208
		Alice Blue	207
		Congo Blue	191-206
		Dark Steel Blue	184-190
		Deep lavender	180-183
		Lilac Tint	179
		Daylight Blue	175-178

		Flame Red	174
		Bastard Amber	172-173
		Deep Orange	168-171
		Pale Gold	162-167
		Apricot	157-161
		Bright Blue	151-156
		Primary Green	149-150
		Special lavender	147-148
		Pale Lavender	146
		Deep Golden Amber	145
		Medium Blue	142-144
		Bright Pink	138-141
		Mauve	136-137
		Dark Green	134-135
		Leaf Green	131-133
		Dark Blue	129-130
		Light Blue	128
		Steel Blue	127
		Med Blue Green	126
		Peacock Blue	125
		Magenta	123-124
		Dark Pink	121-122
		Middle Rose	120
		Light Salmon	119
		English Rose	118
		Light Rose	117
		Orange	115-116
		Deep Amber	114
		Straw	113
		Light Amber	112
		Spring Yellow	110-111
		Dark yellow green	100-109
		Just Blue	89-99
		Sky Blue	78-88
		Lavender	68-77
		Light Lavender	62-67
		Pink Carnation	49-61
		Medium Pink	46-48
		Light Pink	45

		Sunrise Red	35-44
		Dark Amber	32-34
		Gold Amber	31
		Medium Amber	30
		Fire	29
		Surprise Peach	27-28
		Straw Tint	23-26
		Medium Yellow	20-22
		Black	19
		White 5000 K	18
		White 3700 K	17
		White 7000 K	16
		Magenta	15
		Yellow	14
		Cyan	13
		Blue	12
		Green	11
		Red	10
		Macro color OFF	0-9
14	Zoom	NARROW BEAM - WIDE BEAM	0-255
15	Reset	Pan Rotation	0-127
		Pan Fine	128-255
16	Control	Tilt Rotation	0-255
17	Effect	Tilt Fine	0
		P/T Speed	1-100
		LED OFF - LED ON	101-200
		LED OFF - LED ON	201-255

TROUBLESHOOTING

This short guide is meant to help and try to solve simple problems, if they continue and the device can't operate, don't try to repair it by yourself, return the device to your dealer.

If a problem occurs, carry out the follow steps in sequence until find solve the problem, the unit operates properly, don't continue with next steps, if the effect does not operate properly, refer servicing to a technician.

No Light

Response: Suspect two potential problem areas: the power supply or the LEDs.

1- Power supply, check that the units is plugged into a appropriate power supply.

2- Check if the fuse is not blown, if it is, change it with one that keeps the same technical features. if once the fuse is ok the device again blown it, please don't change it again, contact the   technical service.

3- If all the above appears to be Ok, plug the unit in again.

4- If you are unable to determine the cause of the problem, do not open the device, as this may damage the unit and the warranty will become void.

5- Return the device to your dealer.

No DMX

Response: Suspect the DMX cable or connector, a controller wrong function, a light effect DMX card error.

1- Check the DMX setting, make sure that DMX address are correct.

2- Check the DMX cable: unplug the unit, change the DMX cable, then reconnect to electrical power, try you DMX control again.

3- Determine whether the controller or light effect is a t fault, does the controller operate properly with other DMX product? If not, take the controller in for repair, if so, take the DMX cable and light effect to a qualified technician.

DMX Connection

When fabricating your own cables, always observe the illustrations on this page, never connect the shielding of the cable to the ground contact of the plug, and always make certain that the shielding does not beech the connection of the XLR plug, if the shielding is connected to the ground, this can lead to short-circuiting and system malfunctions.