



FLASH F7100751 LED Frame 700W LED Moving Head Framing Profile Light User Manual

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FLASH F7100751 LED Frame 700W LED Moving Head Framing Profile Light



INTRODUCTION

THANK YOU FOR PURCHASING LED FRAME 700W. FOR SAFETY REASONS AND TO ENSURE THE TROUBLE-FREE OPERATION, CAREFULLY READ THE INSTRUCTIONS.

SAFETY INFORMATION

- Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.
- Unpack and check carefully there is no transportation damage before using the fixture.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Disconnect main power before servicing and maintenance.
- Use safety chain when fixes this fixture. Don't handle the fixture by taking its head only, but always by taking its base.
- Maximum ambient temperature is: 40°C Don't operate it where the temperature is higher than this.
- In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Do not connect the device to any dimmer pack.

- Do not touch any wire during operation and there might be a hazard of electric shock.
- To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.
- The housing must be replaced if they are visibly damaged.
- Do not look directly at the LED light spot while the fixture is on.

WARNING

- The Led Moving Head (LMH) has a powerful pan motor. The torque reaction when the head is panned suddenly can cause the base to move if the fixture is standing unsecured on a surface. Do not apply power to the LMH unless the base is securely fastened to a surface or to rigging hardware.
- Use 2 clamps to rig the fixture. Do not hang the fixture from only one clamp. Lock each clamp with both 1/4-turn fasteners. Fasteners are locked only when turned a full 90° clockwise.
- When clamping the fixture to a truss or other structure at any other angle than with the yoke hanging vertically downwards, use two clamps of half-coupler type. Do not use any type of clamp that does not completely encircle the structure when fastened.
- Position or shade the head so that the front lens will not be exposed to sunlight or any other strong light source from any angle – even for a few seconds. See Figure 1 . The
- LMH lens can focus the sun's rays, creating a potential fire hazard and causing damage.
- Do not point strong light output from other fixtures at the LMH, as intense illumination can damage the display

PRODUCT INFORMATION

- Light Source: 1 Standard LED (Single color)
- Power consumption: 700W
- Power supply voltage: 110-240V, 50/60Hz AC
- PAN range: 540°
- TILT range: 270°
- Beam angle (min/max): 5°-55°
- Color: 8000K, Color wheel – 7 colors + white (open)
- Zoom: Yes
- Focus: Electronic
- Gobo wheel: Roto Gobo: (6 interchangeable gobos, 1 fixed gobo, 1 empty) indexed,
- Fixed Gobo: (8 interchangeable gobos, 1 empty) indexed
- Prism: 3-wall prism, 6-sided linear prism (can work together at the same time)
- Flash frequency min./max: 0-20Hz
- Features: Linear CRI filter from 68 to 90
- CRI. Animation wheel: Dynamic flame or water effect with no rotation limit, indexed. CTO.
- Framing: 4 knives + 90 degrees rotation mounted close to each other, which means that you can sharpen each knife at the same time
- Operating modes: DMX 512, RDM, Artnet
- (Optional), Auto-running, Master/Slave,
- Sound active, Built-in program
- Frost filter: Yes
- 36 DMX channel mode.

- IP Rating: IP20
- Housing made: ABS
- Cooling: Active
- AC IN/OUT: powerCON IP65
- 3-Pin XLR DMX Input/Output
- Net Weight: 36kg
- Dimensions: H(90,5)xW(56)xD(45,5) cm
- Weight: 6 kg

INSTALLATION

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture. The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it.

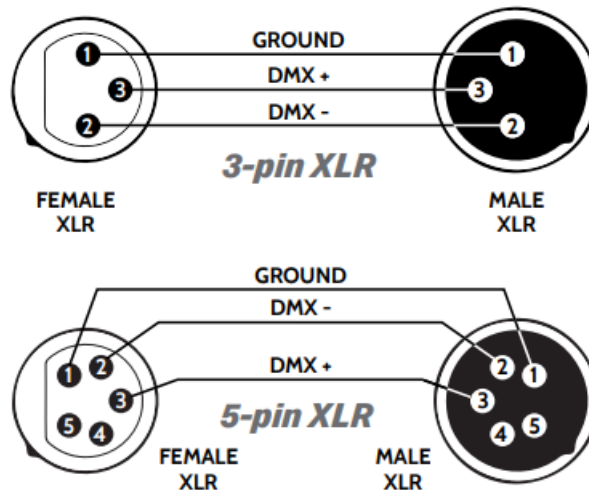
CONNECTION

The device is equipped with the following interfaces:

- DMX (in/out): XLR 3(5)-pin socket
- Power (in/out): powerCON socket

Connecting DMX signal

The connection is performed using cable with XLR-female -> XLR-Male plugs



CAUTION!

At the last fixture, the DMX signal has to be terminated with a terminator. Solder a 120Ω resistor between signal (-) and signal (+) into a XLR plug and plug it in the DMX output of the last fixture.

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Voltage specification

Input Voltage	Total Power	Frequency
110~240V AC	700W	50/60Hz

Connecting power supply

The connection is performed using a power cable with a Power Can connector (included) . The device must be operated by qualified personnel. Make sure that the power grid supply parameters are consistent with device parameters and that limitations are not exceeded.

CAUTION!

In the case of cable, damage do not attempt to repair. Replacement or repair can be made only on the manufacturer or by a person with appropriate permissions. Make sure that the power grid supply parameters are consistent with device parameters and limitations are not exceeded. Using lamp, the change rate of power voltage should be within $\pm 10\%$, if the voltage is too high, it will shorten the light's life; if it's not enough, the lamp will be dark. Please restart it after turning off light for 20 minutes until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.

Set DMX Address Code

- Press „Menu” to „Set DMX Address”, and press „ENTER” keys to enter into.
- Show „Set DMX Address DMX Address: 001”, Press the „UP and DOWN” keys to amended.
- Press „ENTER” keys to save and Exit, Press the „MENU” Keys does not save and Exit.

DMX CHANNELS


CH	Function	Value	Description
1	PAN	0-255	0-5400
2	PAN Fine	0-255	0-20
3	Tilt	0-255	0-2700
4	Tilt Fine	0-255	0-10
5	Pan/Tilt Speed	0-255	From Fast » Slow
6	Strobe	0-3	OFF
		4-127	Pulse Strobe from Slow » Fast
		128-191	Gradual Strobe from Slow » Fast
		192-251	Random Strobe from Slow » Fast
		252-255	ON
7	Dimmer	0-255	0-100% Linear Dimmer
8	C	0-255	
9	M	0-255	
10	Y	0-255	
11	CTO	0-255	
12	Color	0-127	Linear Color
		128-137	Red
		138-146	Green
		147-155	Blue
		156-164	Yellow
		165-173	Magenta
		174-182	Orange
		183-191	Pink
		192-222	Clockwise color effect Fast » Slow
		223-224	STOP
		225-255	Anticlockwise color effect from Slow » Fast
13	CRI	0-79	Mover away
		80-255	Insert

CH	Function	Value	Description
14	Fixed Gobo	0-9	White (OPEN)
		10-19	Gobo 1
		20-29	Gobo 2
		30-39	Gobo 3
		40-49	Gobo 4
		50-59	Gobo 5
		60-69	Gobo 6
		70-79	Gobo 7
		80-89	Gobo 8
		90-99	Gobo 1 (Shake)
		100-109	Gobo 2 (Shake)
		110-119	Gobo 3 (Shake)
		120-129	Gobo 4 (Shake)
		130-139	Gobo 5 (Shake)
		140-149	Gobo 6 (Shake)
		150-159	Gobo 7 (Shake)
		160-169	Gobo 8 (Shake)
		170-212	Gobo rotation Clockwise Fast >> Slow
		213-215	STOP
		216-255	Gobo rotation Anticlockwise Slow >> Fast
15	Rotation Gobo	0-9	White (Open)
		10-19	Rot. Gobo 1
		20-29	Rot. Gobo 2
		30-39	Rot. Gobo 3
		40-49	Rot. Gobo 4
		50-59	Rot. Gobo 5
		60-69	Rot. Gobo 6
		70-79	Rot. Gobo 1 (Shake)
		80-89	Rot. Gobo 2 (Shake)
		90-99	Rot. Gobo 3 (Shake)
		100-109	Rot. Gobo 4 (Shake)

CH	Function	Value	Description
		110-119	Rot. Gobo 5 (Shake)
		120-129	Rot. Gobo 6 (Shake)
		130-190	Rot. Gobo rotation Anticlockwise Fast>>Slow
		191-192	STOP
		193-255	Rot. Gobo rotation Anticlockwise Slow>>Fast
16	Indexed Gobo Rot.	0-127	Indexde Gobo Rotation
		128-190	Clockwise Rotation Fast >> Slow
		191-192	STOP
		193-255	Anticlockwise Rotation Slow >> Fast
17	Effect Insert	0-255	
18	Effect Rotation	0-128	Anticlockwise Eff. Rotation Slow >> Fast
		129-255	Clockwise Eff. Rotation Slow >> Fast
19	Focus	0-255	
20	Focus fine	0-255	
21	Zoom	0-255	
22	Prism 1	0-63	Empty
		64-127	Prism 1
		128-191	Prism 2
		192-255	Prism 1 + Prism 2
23	Prism 1 Rotation	0-127	Prism Indexed
		128-187	Prism Rotation Clockwise Fast >> Slow
		188-195	STOP
		196-255	Prism Rot. Anticlockwise Slow >> Fast
24	Prism 2 Rotation	0-127	Prism Indexed
		128-187	Prism Rotation Clockwise Fast >> Slow
		188-195	STOP
		196-255	Prism Rot. Anticlockwise Slow >> Fast
25	Frost	0-127	Frost OFF
		128-255	Frost ON
26	Blade 1	0-255	Linear Insert – Left Top
27	Blade 2	0-255	Linear Insert – Left Down

CH	Function	Value	Description
28	Blade 3	0-255	Linear Insert – Right Down
29	Blade 4	0-255	Linear Insert – Right Top
30	Blade 5	0-255	Linear Insert – Top Left
31	Blade 6	0-255	Linear Insert – Top Right
32	Blade 7	0-255	Linear Insert – Down Left
33	Blade 8	0-255	Linear Insert – Down Right
34	Blade wheel	0-255	Blades Rotation Anticlockwise
35	Iris	0-127	Indexed Open >> Close
		128-255	Speed Pulse Close >> Open (Slow >> Fast)
36	Function	0-209	Empty
		210-219	Reset XY after 3 sec.
		220-235	Reset effect motor after 4 sec.
		240-255	Reset whole unit after 5 sec.

Documents / Resources

 <p>LED FRAME 700W</p> <p>FLASH</p>	<p>FLASH F7100751 LED Frame 700W LED Moving Head Framing Profile Light [pdf] User Manual</p> <p>F7100751 LED Frame 700W LED Moving Head Framing Profile Light, F7100751, LED Frame 700W LED Moving Head Framing Profile Light, LED Moving Head Framing Profile Light, Head Framing Profile Light, Framing Profile Light, Profile Light, Light</p>
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References

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