

BEAM 260 Moving Head Light

User Manual



Attention: This manual includes the important information of how to installation and use the machine safely. Please operate as the requirements after read the manual carefully. At the same time please keep it properly in case one day you needed.

Firstly thank you for your appreciation of our professional lighting product.

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This kind of moving head light is the perfect combination of humanity and industrial design with beautiful modeling. The body of the light use aluminum alloy and high temperature durable engineering plastic material with wonderful cooling effect. Transmission mechanism adopts electronic positioning technology. This product fully meets the CE standard using the international standard control signal DMX512. It is widely used in television, disco, dance hall, night club and other indoor outdoor performance.

This product is performance and packed well when they are sale.

All users should strictly follow the stated warning and instructions. Any damage caused by misuse not related with us. It's not our responsibility that the fault and problem for ignore the operation manual.

Note: Please connect ground safely when use this equipment.

Technology change of this manual we would not to inform.

The beam250/260 weight 13 kg which send out parallel beams that similar to the laser. It makes incredible output and with groundbreaking purity white light.

The beam 250/260 provides 13 different colors, 11 gobos, can quickly changes the shape of beam and shows a spectacular half empty effect. With light weight, low power, fashion design, powerful function, high brightness, it can easily installed in any place, such as moving stage, TV activities, exhibition hall or meeting room.

Technical parameters:

- Lamp:GODN MSD 280R10
- Channel mode: 18CH.
- Level scanning: 540 ° (16bit precision scan) electronic error correction.
- Vertical scanning: 250 ° (16bit precision scan) electronic error correction.
- Color Wheel: 13 colors with white, with rotating rainbow effect.
- Gobo Wheel: 11 gobos with rotating gradually change effect and pattern swing effect.
- Shut: up to 13 times per second with automatic pulse effect.
- Dimmer: 0%-100% linear dimmer.
- Focus: 5 meters to infinity.
- Prism: 24prisms and 8 prisms can be Colour prisms.
- Frost: 0%-100% linear frost.
- Control table reset function and lamp.
- Control table switch bubble function (Switch on or off bulb can choose when with power.

- Power supply: AC110V-240V, 50/60HZ.
The light body size: 300X245X500mm.

Signal connection:

The connection of lights and the connection of light and controller must used two core shielding wire with its diameter not less than 0.5 mm. We should pay special attention that the connection of three core of XLR plugs and socket cannot contact with inner shell and between core and core also cannot contact.

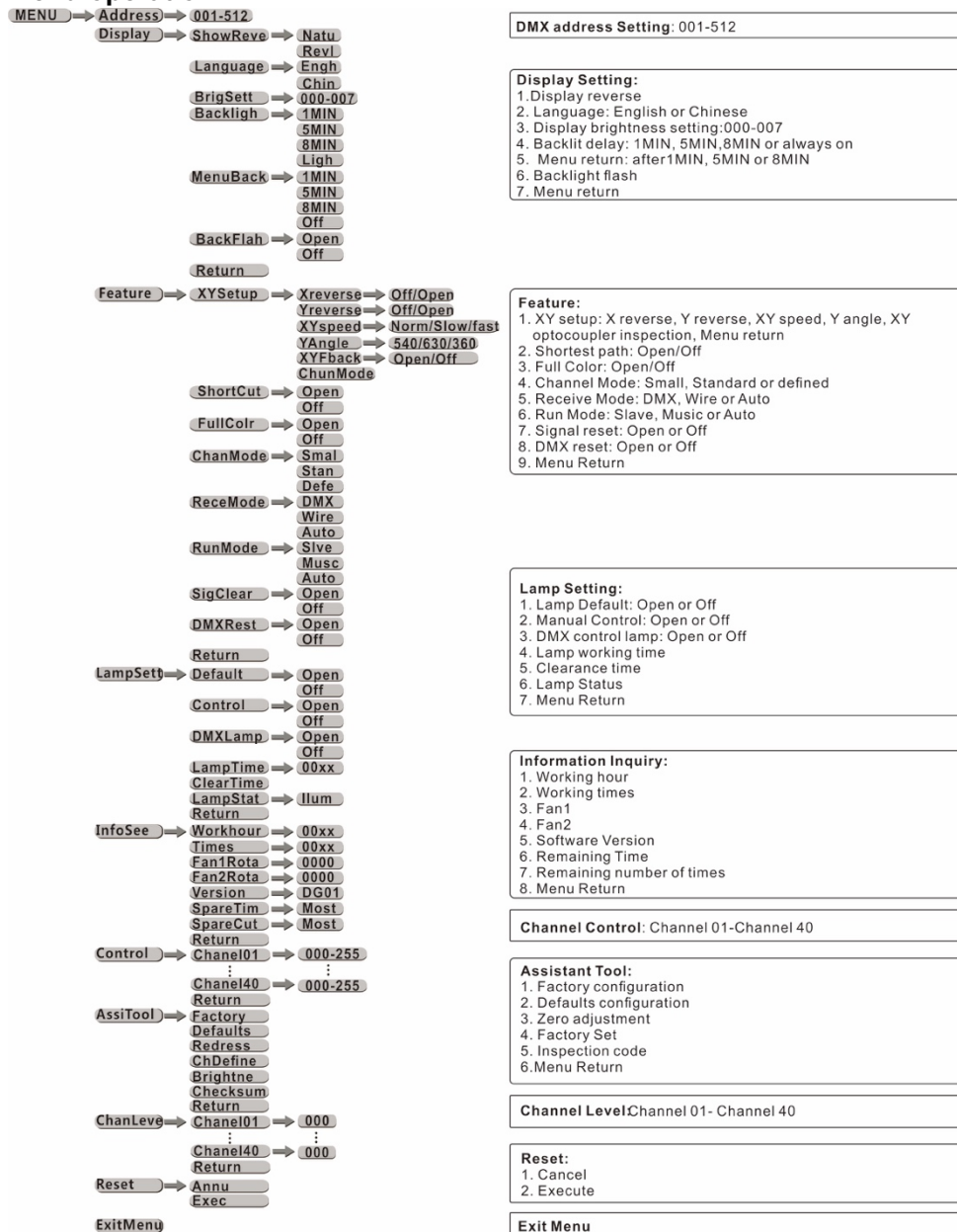
When use XLR-XLR control line, connect the DMX outlet of controller with the DMX input of the first machine, and connect the DMX outlet of the first machine with DMX input the second machine. Repeating the process until all machines connected. At last connect the loop plug with the last lamp's signal output the connection of controller mode is completed.

This menu of control display board specifically designs for the various types of moving light equipped with various function control mode, operate easy. For some operation that some type of light without it is invalid corresponding menu options setting.

Menu Operation of Moving Head Light:

There are several features are offered in the base of control panel. Such as setting the DMX address, switch on or off the bulb, run the program and the selection of work mode.

Menu operation:



DMX Channel:

CH	Simplfy Mode	Subdivs	Notes
Color	1	0-4	White
		5-8	White/Red
		9-12	Red
		13-17	Red/Dark yellow
		18-21	Dark yellow
		22-25	Dark yellow/Pale blue
		26-29	Pale blue
		30-34	Pale blue/Green
		35-38	Green
		39-42	Green/Yellow
		43-46	Yellow
		47-51	Yellow/Rose red

		52-55	Rose red
		56-59	Rose red/Orange
		60-63	Orange
		64-68	Orange/Light green
		69-72	Light green
		73-76	Light green/blue
		77-81	blue
		82-85	blue/Fluorescence
		86-89	Fluorescence
		90-93	Fluorescence/CTO1
		94-98	CTO1
		99-102	CTO1/CTO2
		103-106	CTO2
		107-110	CTO2/Dark blue
		111-115	Dark blue
		116-119	Dark blue/White
		120-123	White
		124-127	White/red
		129-191	Clockwise: from fast to slow
		192-255	Anticlockwise: from slow to fast
Shut	2	0-3	Off
		4-103	from slow to fast
		104-107	Light turn ON
		108-207	from slow to fast
		208-212	Light turn ON
		213-251	Random
		252-255	open
Dimmer	3	0-255	0%-100% linear dimmer
Gobos	4	0-3	White light
		4-7	gobo1
		8-11	gobo2
		12-15	gobo3
		16-19	gobo4
		20-23	gobo5
		24-27	gobo6
		28-31	gobo7
		32-35	gobo8
		36-39	gobo9
		40-47	gobo10
		48-71	Effect: from slow to fast
		72-112	Gobos: from slow to fast
		113-117	White light
		118-159	Gobos: from fast to slow
		160-166	Gobo11 swing from fast to slow
		167-172	Gobo10 swing from fast to slow
		173-179	Gobo9 swing from fast to slow
		180-185	Gobo8 swing from fast to slow
		186-191	Gobo7 swing from fast to slow
		192-198	Gobo6 swing from fast to slow
		199-204	Gobo5 swing from fast to slow
		205-211	Gobo4 swing from fast to slow
		212-217	Gobo3 swing from fast to slow

		218-223	Gobo2 swing from fast to slow
		224-255	Gobo1 swing from fast to slow
Prism	5	0-127	White light
		128-255	24 Prism
Prism Rotation	6	0-127	Prism fine
		128-189	Anticlockwise: from fast to slow
		190-255	Clockwise: from slow to fast
Prism 2	7	0-127	White light
		128-255	8 Prism
Prism 2 Rotation	8	0-127	Prism fine
		128-189	Anticlockwise: from fast to slow
		190-255	Clockwise: from slow to fast
Focus	9	0-255	Linear focus
Pan	10	0-255	0-540° horizontal scanning
Pan Fine	11	0-255	Pan fine
Tilt	12	0-255	0-270° vertical scanning
Tilt Fine	13	0-255	Tilt fine
Combination	14	0-255	Combination
Frost	15	0-127	Absent
		128-255	Frost
All colour	16	0-127	Absent
		128-255	All colour
Electronic Lighting	17	0-99	Absent
		100-105	Control table light turn OFF
		200-205	Control table light turn ON
Reset	18	0-249	Absent
		250-255	Reset

Light Protection and Maintenance:

You should exchange the lens timely when you find the damage. You should also instant replacement the bulb when you find the deformation damage. The aging bulb has a danger of blowout. Please check the power fuse of light when the light unable to start. Install the corresponding specification fuse 5X20 T10A/250V when burning. Light has overheating protection device, Protection device will automatically cut off power supply when overheating. Please check the fan's operation, dirt jam between fan and fan nets when the situation happened. Find the reason and repair then restarting light. Attention only qualified technical personnel can repair it.

Light cleaning:

It is necessary to keep the light cleaning to ensure its reliable use. The fan should clean every 15 days. It needed to clean periodically of the internal and external optical lens, mirror and coating color filter in order to optimize the efficacy output.

Do not use any chemical solvents containing to clean color filter.

The frequency of cleaning is according to the operation of light and the environment of operation. With soft cloth and general glass clean products clean the light. Suggest clean outside optical system every 20 days. Clean internal optical system at least every 30/60 days.

Note: Don't use alcohol and organic solvent wipe to clean the shell of light lest in order to avoid damage.