

NXT[®]

NXT Group International Ltd.
support@nxtlights.com
nxtlights.com

NEXON M User Manual



NXT IS NOW.

NXT LIGHTS | NEXON M | User Manual | 2025 V1.5



Contents

CONTENTS	2
INTRODUCTION	3
1. SECURITY WARNING INFORMATION	4
1.1 PHOTOBIOLOGICAL SAFETY	6
1.2 ADDITIONAL IP-RATED MAINTENANCE INSTRUCTIONS	7
1.3 SERVICE MAINTENANCE.....	7
2. PRODUCT INTRODUCTION.....	8
3. MAIN TECHNICAL PARAMETERS	9
4. FEATURES	10
4.1 GOBO SYSTEM.....	10
4.2 GOBO REPLACEMENT	11
4.3 ANIMATION WHEEL	13
4.4 PRISM SYSTEM	13
4.5 MOVEMENT	14
4.6 BEAM	14
5. PHOTOMETRICS.....	15
6. CONTROL AND PROGRAMMING.....	16
6.1 WIRELESS DMX (OPTIONAL FEATURE)	16
7. PACKAGING AND TRANSPORTATION	17
7.1 DISASSEMBLE PACKAGING NOTICE:.....	17
7.2 EQUIPMENT PACKAGING.....	17
8. INSTALLATION REQUIREMENTS EXPLANATION	18
8.1 EQUIPMENT INSTALLATION	19
8.2 HANGING INSTALLATION DIAGRAM	19
9. POWER AND SIGNAL CONNECTION	21
9.1 POWER AND SIGNAL SOCKET	21
9.2 POWER CONNECT.....	21
9.3 SIGNAL CONNECT.....	23
10. REGULAR MAINTENANCE	24
10.1 FAN MAINTENANCE	26
11. CONTROL PANEL AND MENU	27
11.1 PANEL INTRODUCTION	27
11.2 SYSTEM MENU	28
12. DMX CHANNEL LIST.....	31



Introduction

- This manual contains important information on safe use and installation. Please read it carefully and follow the requirements for operation and installation. Please keep this manual properly.
- The equipment has good performance and complete packaging when it leaves the factory. The operator should strictly follow the warning items and operating instructions stated in the manual. Any malfunction or damage caused by misuse or failure to follow the instructions in this manual is not within the scope of our company's responsibility and warranty.
- The manufacturer will not accept liability for any resulting damages caused by not following the manual's instructions or any unauthorized modification to the device.
- The relevant information in this manual is for reference only. All lighting products are subject to the actual product. Specifications are subject to change without notice. The manufacturer reserves the right to interpret and clarify the terms of this manual.
- Each unit has undergone thorough testing before shipment and has been delivered in optimal working condition. Upon receiving your device, carefully inspect the packaging for any visible signs of damage that may have occurred during transit. If you notice any damage to the box, proceed to examine the device itself to ensure it has not been affected.
- Additionally, verify that all necessary accessories required for installation and operation are included in the package. If any parts are missing or if the product has been damaged, please contact customer support for further instructions.
- Important: Do not send the device back without first consulting the support team. Also, avoid discarding the original packaging materials, as they may be useful for future transportation or storage.

1. Security Warning Information



Attention! Please read the safety information carefully before installing, powering on, operating, or servicing this fixture.



- This product is intended for professional use only and must not be used for any other purpose.
- After receiving the lighting fixture, please check if the packaging is complete and unpack to check if the equipment has been damaged due to transportation. If there is any damage caused by transportation, please do not use this fixture and contact local service partner or manufacturers as soon as possible.
- When transporting again, please use the original packaging materials.
- If the fixture housing is visibly damaged, it must be replaced immediately.
- When hanging fixtures, it is necessary to verify that the hanging equipment can withstand more than 6 times the weight of the fixture. After installation, it is necessary to verify that the fixture cover and quick-lock clamps are secure and undamaged. At the same time, a safety cable should be used as an auxiliary safety for the fixture and fixed on the truss.
- The light source inside this luminaire should be replaced by the manufacturer, its service agent, or a similarly qualified person.
- If you have any other questions about how to safely operate the equipment, please contact our technical personnel or call our service hotline.
- This product has a protection level of IP65 and can be used both indoors and outdoors.
- Do not use the fixture in marine or high-salinity environments. Salt exposure can cause corrosion and permanent damage. Any salt-related damage is not covered under warranty.
- Avoid direct external strong light shining on the lens, which may cause the lens to focus and burn out internal components.
- Keep the fixture clean and avoid prolonged operation in overheated or dusty environments. Prevent any contact with chemical liquids.
- When operating the fixture, always take precautions to avoid serious injury from heat, electrical shock, or UV exposure. Before powering on or installing, read the instruction manual first. Follow the safety precautions for operation and pay attention to the warning signs on the instructions and equipment.
- Only professionals are allowed to install, operate, and maintain lighting fixtures, and strictly follow the procedures stated in the operating instructions.





- Never aim the fixture directly at people or into eyes, nor ever look into the lens. The optical output is extremely intense and may cause serious injury.
- Do not connect this device to any dimmer.
- If visible damage occurs to the protective housing, lens, and display screen on the lighting fixture, it should be considered irreparable damage and the fixture should not be used further.
- Do not place filters or any foreign objects in front of the lens, and do not replace non original parts.
- The minimum safe distance from illuminated surfaces is 10 m.
- The manufacturer is not liable for any injuries resulting from improper use or misuse of the fixture.



- Before installation, please confirm that the power supply voltage used matches the voltage indicated on the light fixture. Each lighting fixture should be properly grounded and electrically installed according to relevant standards.
- Please disconnect the power before repairing or cleaning the equipment.
- During the operation of the lighting fixtures, touching the wires is prohibited to prevent electric shock.
- If the external soft cable or wire of this fixture is damaged, the wire should be replaced by the manufacturer, its agent, or a similarly qualified person to avoid danger.
- Avoid flammable liquids, water, or metal conductors from entering the interior of the fixture to prevent electric shock or fire. If any foreign objects enter the fixture, immediately cut off the power supply.
- When multiple fixtures are operated in series, the signal lines can be connected in multiple ways, but the power supply must be connected separately.



- The lighting fixtures work normally at -20°C to 45°C. When replacing any components or accessories in the equipment, ensure that the power is disconnected to prevent electric shock and injury.
- The maximum surface temperature of the fixture during operation can reach 76 °C, please do not touch it with bare hands.



- The lighting fixtures must be installed in a sufficiently ventilated area, at least 0.5m away from adjacent surfaces, to ensure that no ventilation holes are blocked.
- Do not install the lighting fixtures directly on flammable objects.
- The minimum distance between all outer surfaces of the fixture and combustible materials is 0.5m.



- The NEXON M is covered under standard manufacturer warranty terms.
- Warranty Exclusions:
 - Damage due to improper installation, handling, or opening by unauthorized personnel
 - Moisture ingress due to missing or damaged gaskets or filters
 - Corrosion or failure caused by operation in high-salinity environments (e.g. sea air, salt fog)
 - Laser lifespan degradation due to excessive ambient temperature or poor ventilation
 - Damage due to incompatible power supply or DMX wiring.
- Always follow maintenance and environmental guidelines to preserve warranty coverage.
- To prevent electrical hazards, always connect the fixture to a properly grounded AC outlet protected by a residual-current device (RCD).
- Never connect the fixture to a dimmer pack or an unregulated power source.
- The manufacturer is not liable for any damage, injury, or adverse effect resulting from improper use, unauthorized modification, or direct exposure to the light beam.

1.1 Photobiological Safety

The light source in this product is based on laser diodes. This product qualifies for the laser products safety standard IEC 60825-1:2014, edition 3, “part 4.4, Laser products designed to function as conventional lamps”, under which it is classified as CLASS 1 LASER PRODUCT. Alternately evaluated under the standard IEC 62471-5:2015 "Photobiological safety of lamps and lamp systems", the photobiological risk classification is assigned as RISK GROUP 3 (RG3). The manufacturer is not liable for any damage, injury, or adverse effect resulting from improper use, unauthorized modification, or direct exposure to the beam.

SAFETY WARNING	INSTALLATION & HAZARDS
Class 1 Laser Product Risk Group 3 Not for household use. • This device emits high-intensity laser light. • Avoid direct eye exposure – risk of serious injury. • Do not stare into the beam. • Flashing light may trigger epileptic seizures. • Use only in controlled environments by trained personnel. • Use in accordance with manufacturer safety instructions.	• Min. distance to illuminated objects: 30 m • Min. distance from flammable material: 1 m • Risk of fire if misused. • Exterior surface temperature: 70°C • Service only by qualified technicians. • Follow EU Directive 2014/35/EU, EN 62471, EN 60825-1.



1.2 Additional IP-Rated Maintenance Instructions

- Ensure all gaskets and seals are **clean and undamaged** before closing any part of the fixture.
- Always **tighten all locking screws and seals properly** to maintain the IP65 rating.
- After any maintenance involving the **optical or electronic compartments**, perform a **pressure test** or **moisture test** according to the IP65 standard if available.
- Avoid **high-pressure water jets** when cleaning the exterior.
- Replace any **visibly worn or cracked seals immediately** using manufacturer-approved parts.
- Regularly **inspect vent filters** and replace if clogged or deteriorated.

1.3 Service Maintenance

IP-Rated Maintenance Instructions

This fixture is IP65 rated. To maintain this protection level:

- Only certified service technicians are authorized to open the fixture.
- If the fixture is opened by an unauthorized party, or if it is reassembled without passing an IP integrity test, the warranty is void.
- All gaskets and seals must be clean, intact, and properly resealed during reassembly.
- Failure to follow these procedures will compromise the fixture's protection and void the warranty.
- This product is IP65-rated and designed for outdoor use. However, if the fixture is opened for maintenance, it must be properly resealed and pressure-tested according to factory specifications. Only service operations performed by authorized NXT technicians or official service centers are allowed.
- Improper sealing or unauthorized access will void the warranty.
- For detailed service and warranty conditions, refer to section 10 of this manual.

Service Safety Regulations

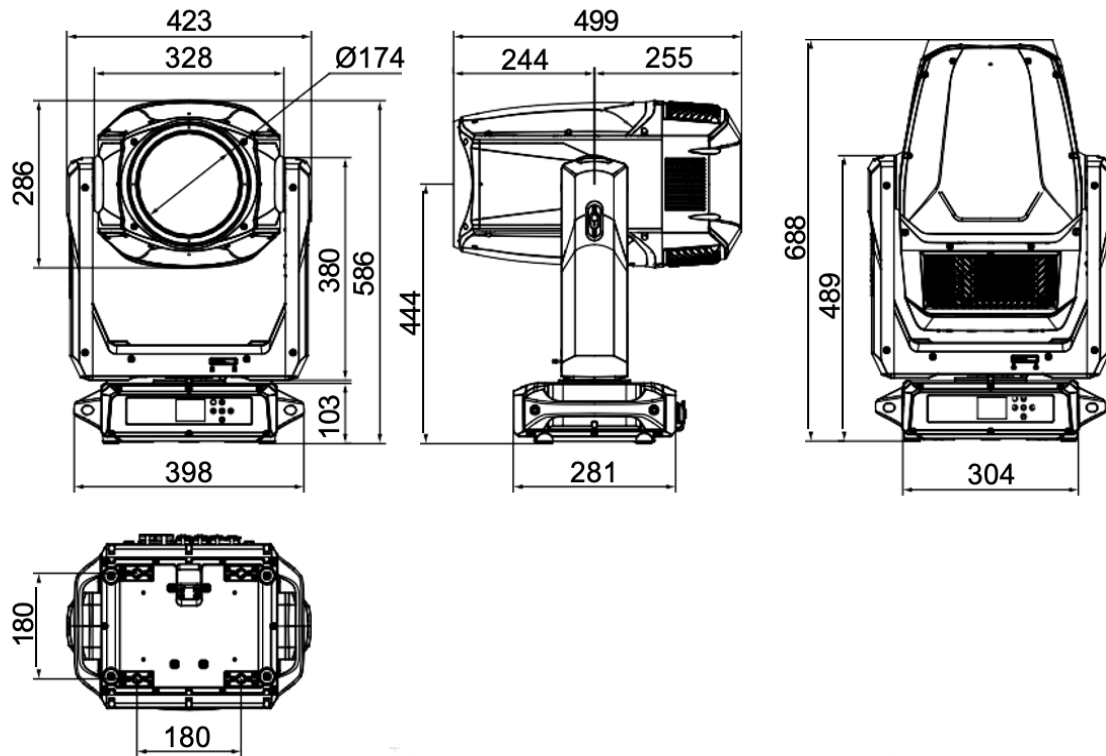
- Servicing of internal components, especially optical and laser-related parts, must only be performed by qualified personnel.
- Unauthorized access to internal sections may result in exposure to high-intensity light or electrical hazards.

Silica Gel Maintenance

- This fixture contains an internal silica gel pack to prevent condensation. Inspect the pack annually and replace it if it appears saturated or after any internal access. Always reseal the fixture immediately after replacing the pack.

2. Product Introduction

Exterior dimensions of lighting fixtures - 423 × 281 × 688 mm



Mechanical Specifications

- Fixture Weight: 32.5 Kg
- Carton size: 85 × 55.5 × 48.5 cm
- Shipping Weight: 39.6 Kg

Packaging accessories

- Omega bracket - 2 pcs
- Safety Cable - 1 pcs
- Power Cable - 1 pcs

3. Main technical parameters

Electrical parameter:

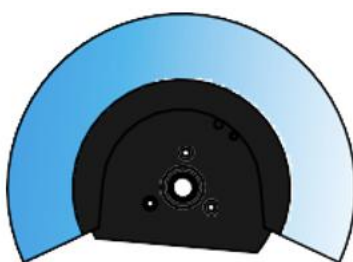
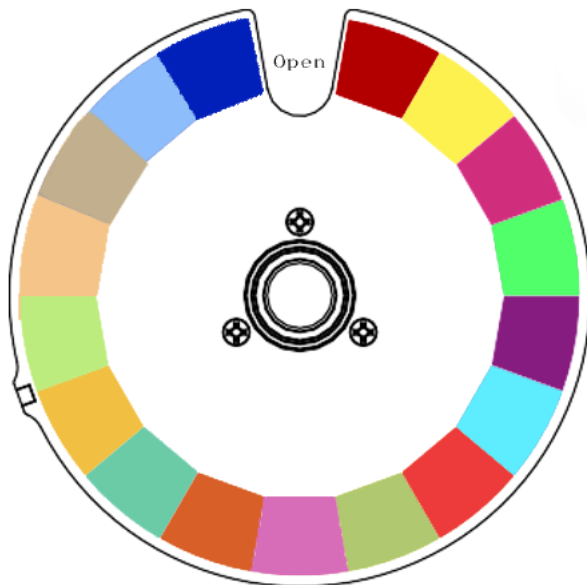
- Rated input voltage: AC 100V-240V~ 50Hz/60Hz
- Rated power of the entire fixture: 650W
- Power factor: 0.99
- Input Current: 2.71A 220V

Laser source lifespan:

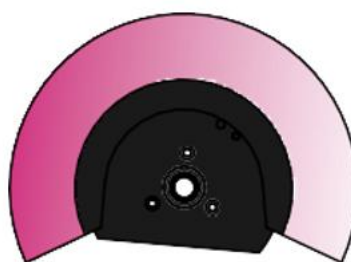
- ≥ 20000 hours

Color system

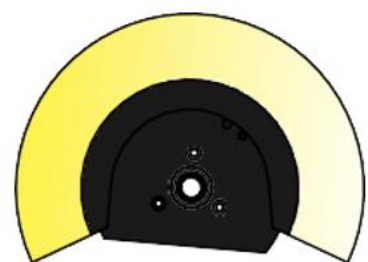
- Color temperature: 8500K
- CRI: Ra/71 Color wheel: 17+1
- CMY



CYAN



MAGENTA



YELLOW

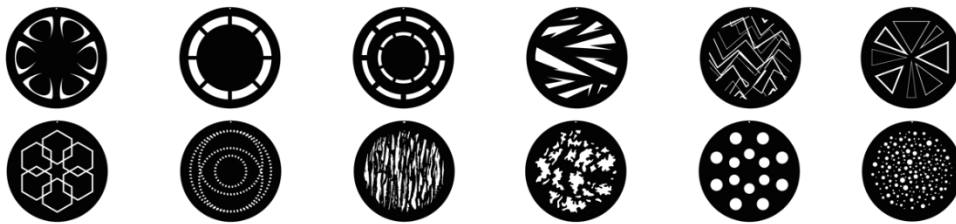
4. Features

4.1 Gobo system

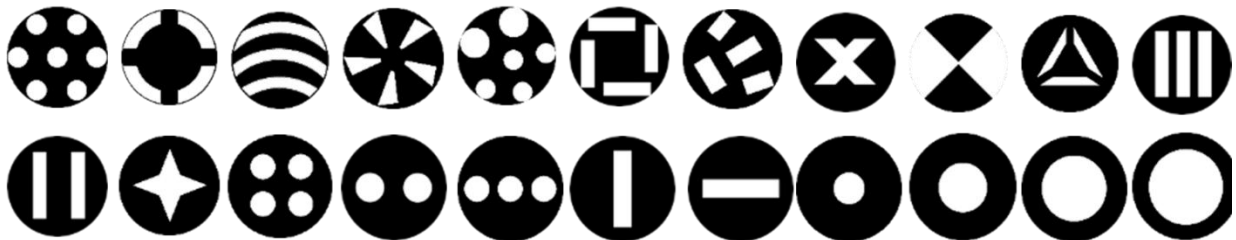
- Gobo outer diameter: 11mm
- Internal diameter: 5mm
- Thickness: 1.1mm

Nexon M Gobo Wheels

Rotation Gobo:



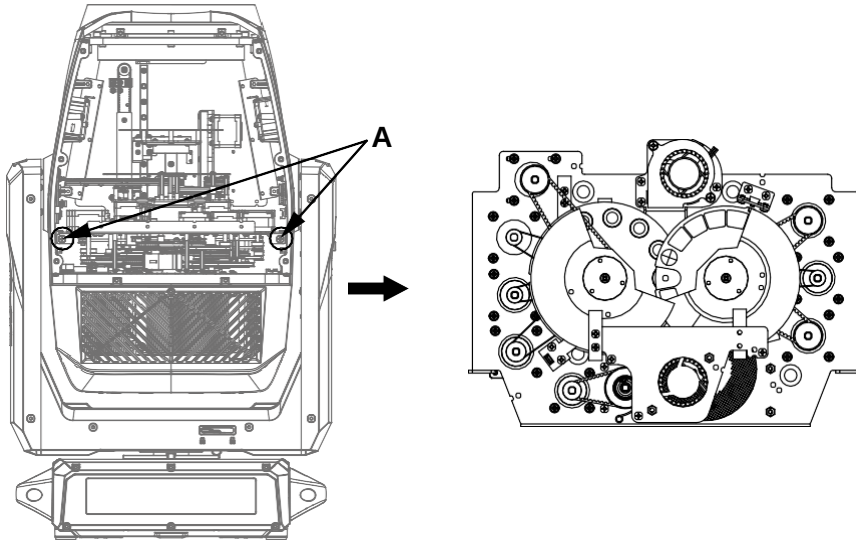
Fixed Gobo:



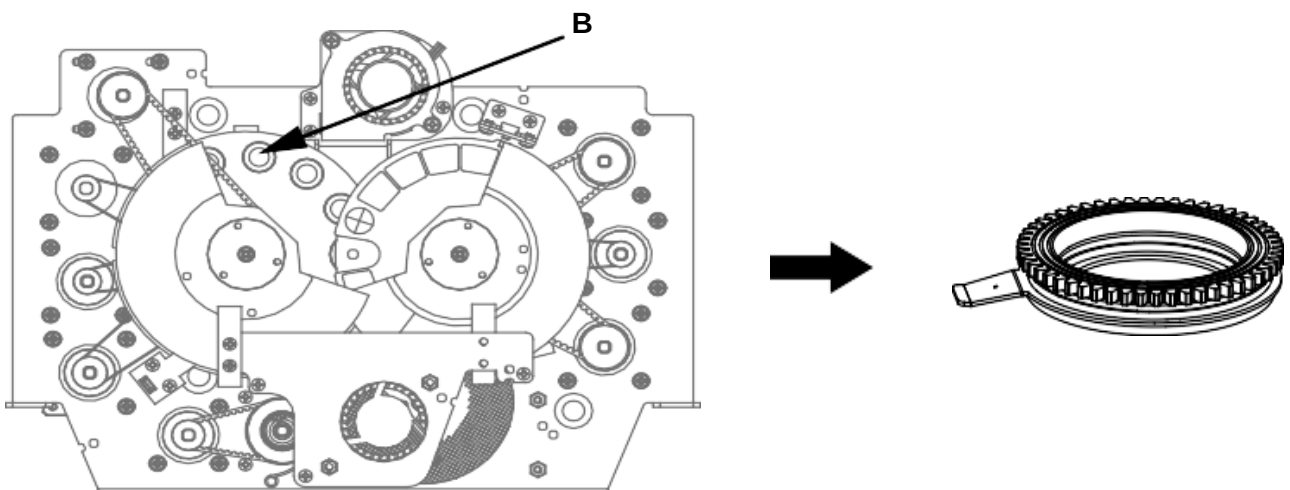
4.2 Gobo replacement

Rotating Gobo Wheel

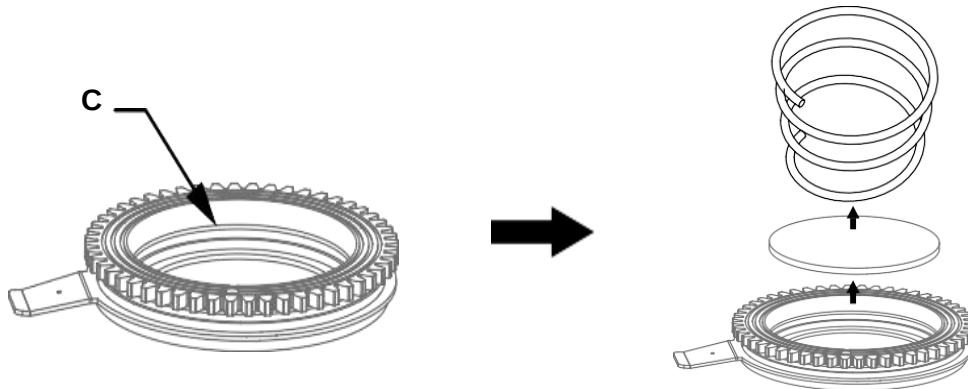
a) Remove the two screws at location A, unplug the power and signal adapter cables, and extract the Gobo component.



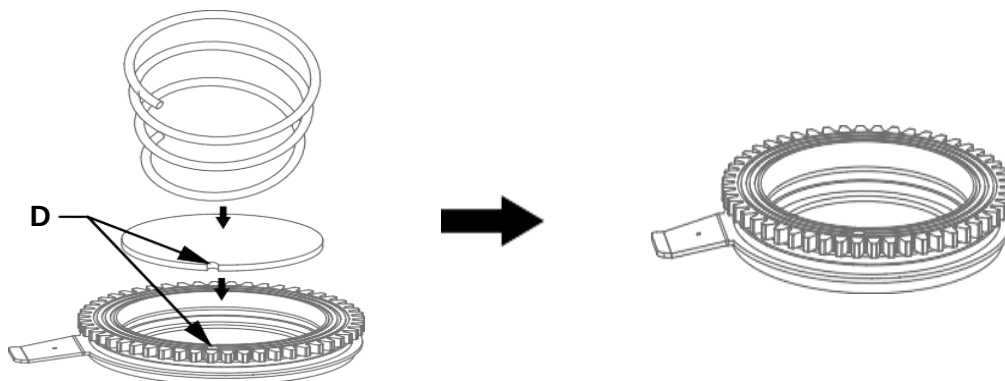
b) As shown in B, gently lift the driven wheel from the edge upwards from the front of the pattern plate and slowly pull it out to remove a single pattern seat.



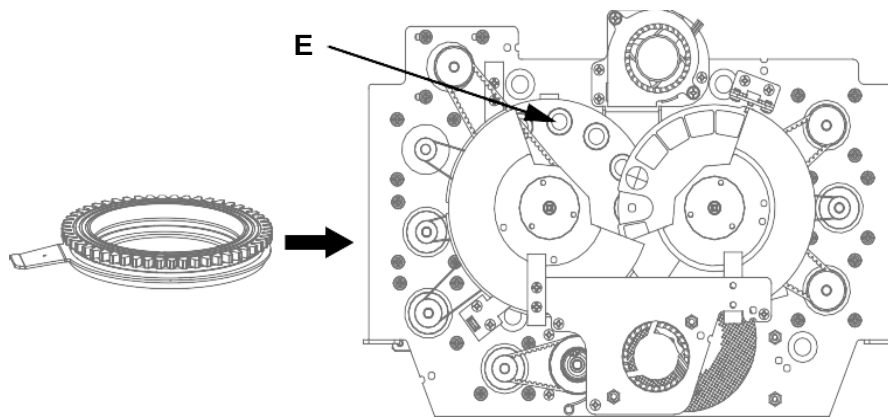
c) Use tweezers or other small grippers to remove the snap spring at point C (If the pattern piece is coated with glass glue for fixation, please use a professional cleaning agent to remove the glass glue before removing the snap spring to avoid damaging the gobo).



d) When assembling the gobo, avoid touching it directly with your hands. As shown in D, align the notch of the gobo with the recess of the driven wheel component (the coating surface of the gobo should face the light source).

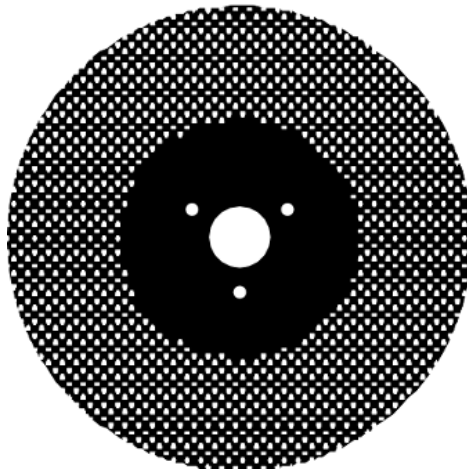


e) Insert the gobo holder into the drive wheel assembly, as shown in E, and reinstall the gobo holder in the order it was removed. The positioning point of the gobo holder should be

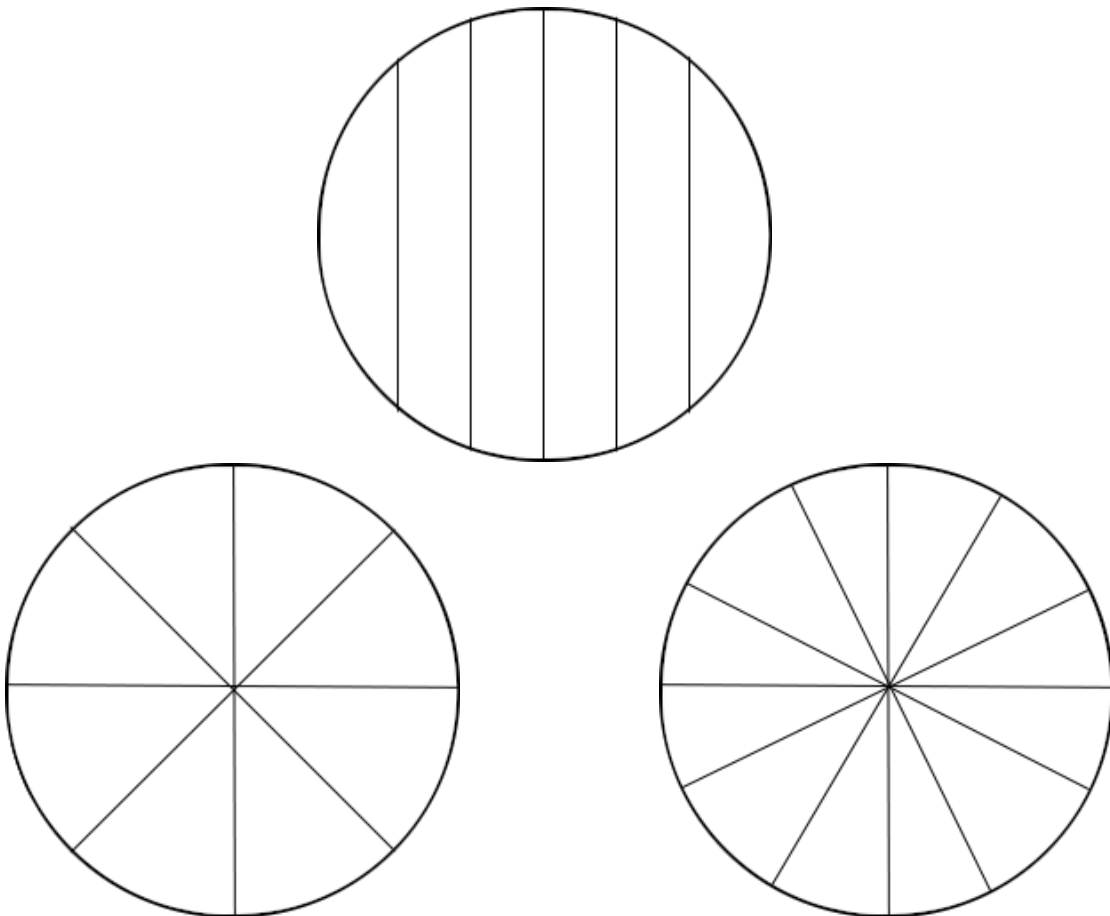


aligned with the positioning point of the driving wheel. After installation, simply reinstall the gobo wheel component onto the light fixture.

4.3 Animation Wheel



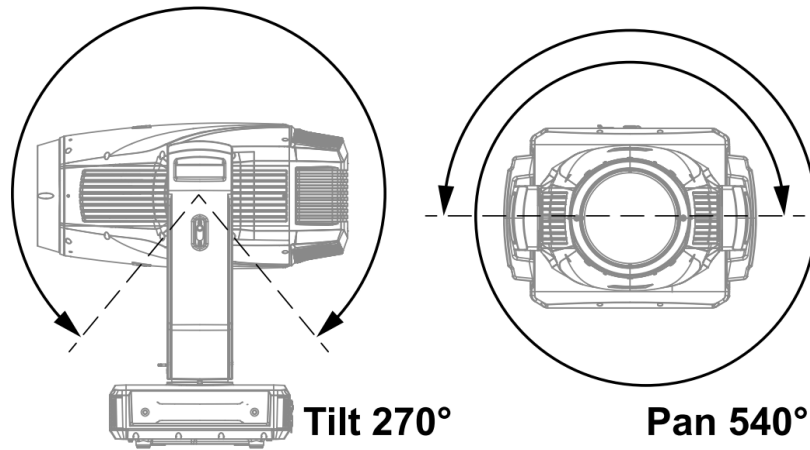
4.4 Prism system



4.5 Movement

Pan movement: 540° 8-bit/16bit

Tilt movement: 270° 8-bit/16bit



4.6 Beam

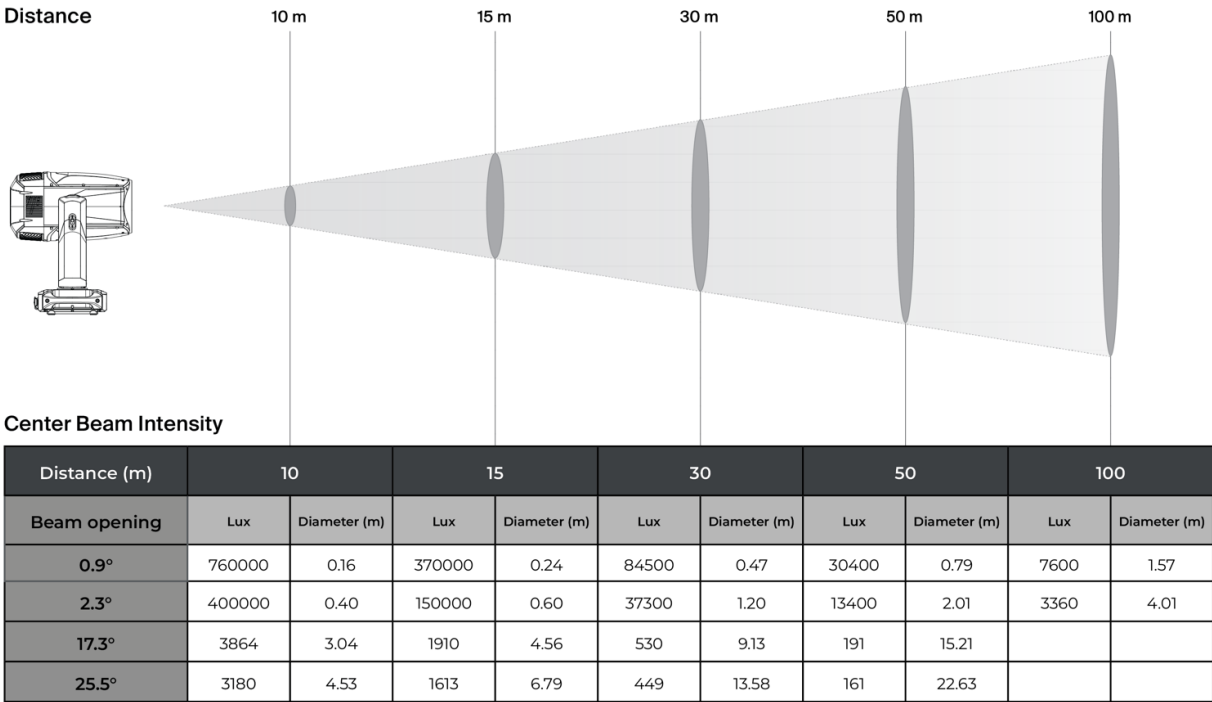
- **Electronic strobe :**
1~25Hz
- **2 Frost :**
Light Frost + Heavy Frost
- **Iris:**
High-speed motorized iris



5. Photometrics

NXT

NEXON M | Photometric Report



NXT Group International Ltd. | support@nxtlights.com | nxtlights.com

Optical system

Beam angle: 0.9° - 25.5°
Source: 500W 8100K NEXON Laser Engine



6. Control and programming

Control channel: 29CH/36CH

Protocol: DMX512, RDM, Art-Net, sACN

Data connect: 5 Pin XLR DMX in/out, RJ45 in/out

Adjustable Fan Modes

The fixture includes selectable fan modes via the control menu:

- AUTO – fan speed adjusts to internal temperature
- HIGH – maximum cooling
- SILENT – reduced fan speed for quiet environments

6.1 Wireless DMX (Optional Feature)

An optional Wireless DMX module is available for this fixture.

This feature is not included by default and must be ordered separately from the manufacturer.

7. Packaging and transportation

7.1 Disassemble packaging Notice:



After receiving the fixture, please unpack and check for any damage caused by transportation. If there is any damage caused by transportation, please do not use this fixture and contact the local technical personnel or manufacturer as soon as possible.

7.2 Equipment packaging

1. Before disconnecting the power supply, reduce brightness to 0% and allow the fixture to cool for several minutes before disconnecting power.
2. Once sufficiently cooled, disconnect the power supply completely.
3. Never package or transport the fixture while it is still hot.
4. Do not place wet or snow-covered fixtures into the flight case. Always dry and clean them thoroughly before packaging.
5. Mechanically lock both the pan and tilt movement before transport.
6. Ensure all connectors, flaps, and covers on the fixture are properly closed and secured.
7. Make sure flight cases are fully closed and securely latched before moving.
8. Flight cases may only be stacked in two layers and must never be reversed.

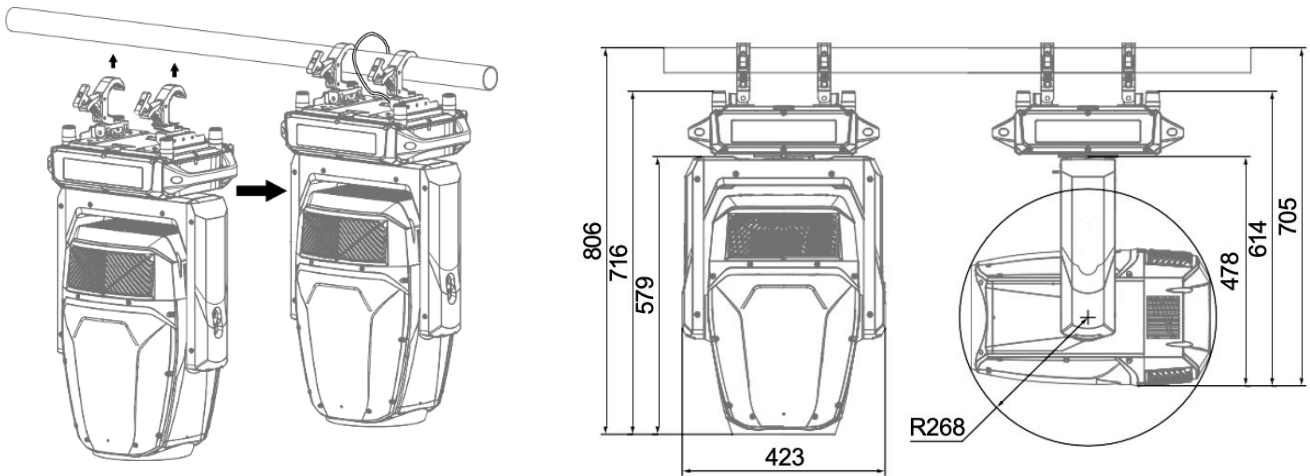
NXT Group International Ltd. shall not be held responsible for any damage caused by improper packaging, unsecured transport, or failure to follow these instructions.

8. Installation Requirements Explanation

The lighting fixtures can be installed on the stage or on any direction of the truss, and the clamp can be quickly and easily locked onto the truss.



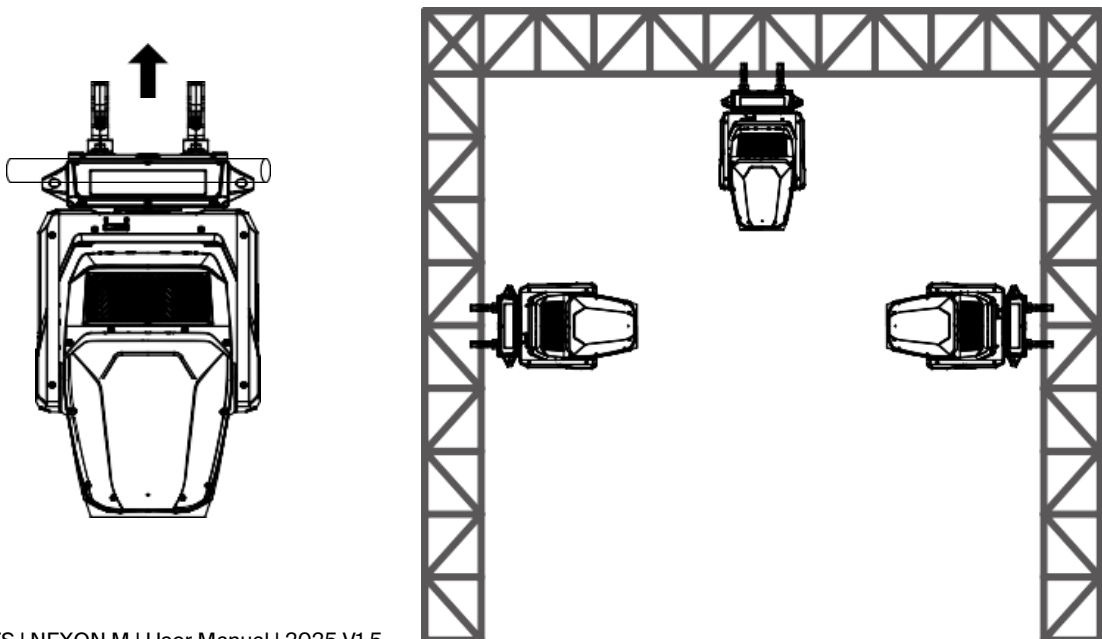
Warning! The lighting fixtures must use 2 clamps to secure the device and fasten it with a 1/4 rotation. Regardless of the version, one safety cable must be added and connected to the base hole, but be careful not to connect it to the handling handle.



8.1 Equipment installation

1. Before installation, it is necessary to verify that the fixture hook and safety cable are not damaged, and that the installation object can withstand 6 times the total weight of the fixture and cable accessories.
2. Install the quick lock clamp on the base of the fixture body. Insert the clamp horizontally into the mounting hole of the base, rotate it clockwise 1/4 turn to lock it, and install the second clamp using the same method (the shape of the clamp should be based on the actual product).
3. Before removing the fixture from the flight case, make sure that both the pan and tilt locks are securely engaged to prevent any internal damage during handling or lifting.
4. The fixture should only be lifted using the designated side handles. Do not lift the device by the head, yoke, or any attached cables.
5. Ensure that no power or signal cables are connected to the fixture during lifting or mounting.
6. Before installation, verify that the mounting location meets the operating temperature range of -20°C to +45°C and is suitable for IP65-rated fixtures.
7. Installation must be carried out exclusively by trained and qualified personnel. Improper handling may result in damage and will void the product warranty.
8. After the fixture is secured to the truss or mounting surface but before powering it on, the pan and tilt locks must be released. Damage resulting from operating the fixture with engaged locks is not covered under warranty.
9. Before powering the fixture, all unused signal and power output ports must be securely sealed using the provided protective caps. Failure to comply may result in damage that is not covered by the product warranty.

8.2 Hanging Installation Diagram



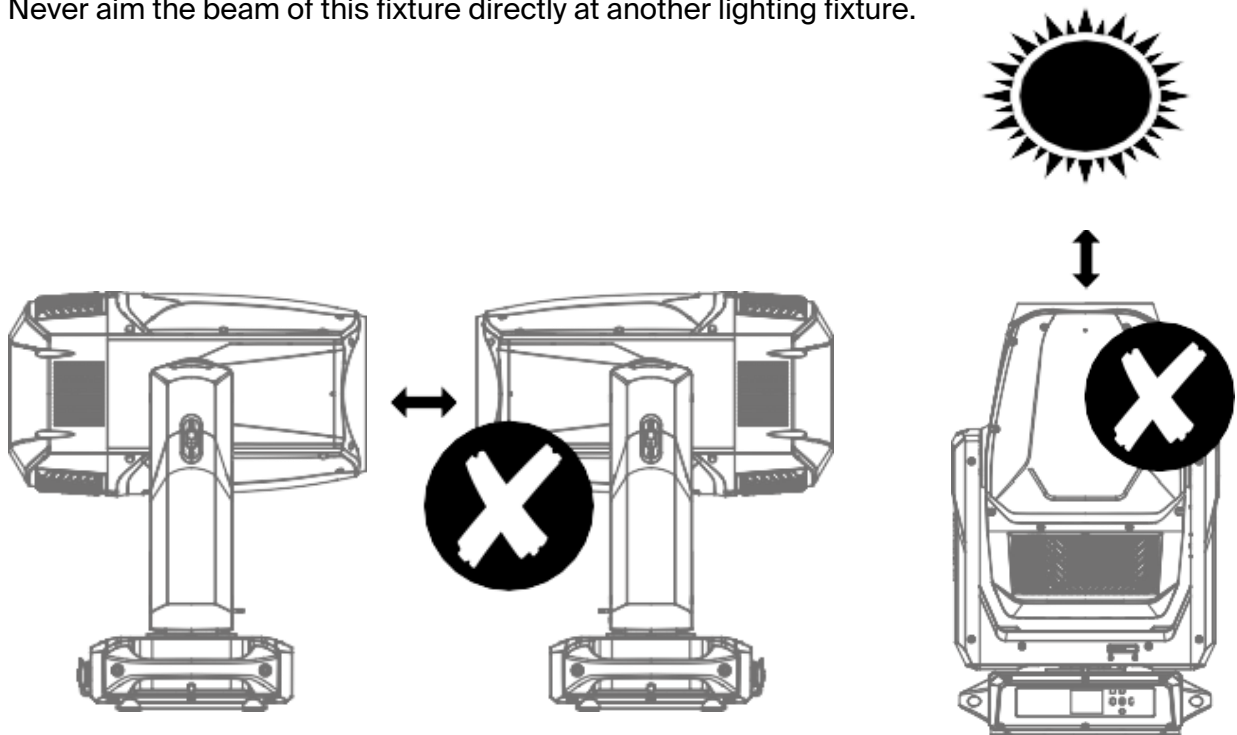
Reminder: External beam source may damage internal lighting fixtures



External beams from direct sunlight, lighting fixtures, and lasers that are directly focused on the housing or directed at the lens to illuminate the interior of the fixture may cause damage to the components. This is a common issue with all lighting fixtures and does not occur alone with NXT products. Although there is no way to completely prevent this problem from occurring, by following these guidelines can prevent potential damage.

Avoid exposing optical components (e.g., lenses, mirrors) to direct sunlight during unpacking, installation, or operation.

Never aim the beam of this fixture directly at another lighting fixture.

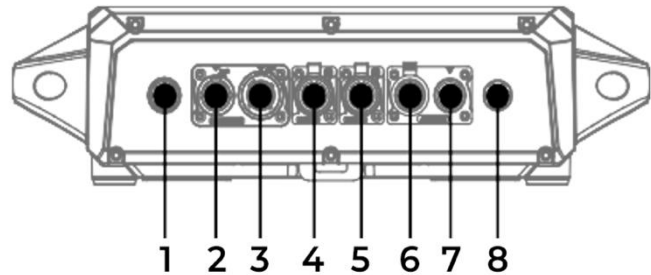


NXT Group International Ltd. assumes no responsibility for any accidents, injuries, or damage resulting from improper installation, mounting failure, or incorrect use of safety cables and clamps. The fixture must always be installed by qualified personnel following local regulations. Improper or insecure rigging will void the product warranty. Always use certified safety cables and mounting clamps in accordance with the product specifications. Never suspend the fixture using the carrying handles or non-load-rated elements.

9. Power and Signal Connection

9.1 Power and signal socket

1. Fuse Holder
2. Power Input
3. Power Output
4. RJ45 network In
5. RJ45 network Out
6. DMX XLR Male
7. DMX XLR Female
8. Breather valve



9.2 Power connect

Connection method:

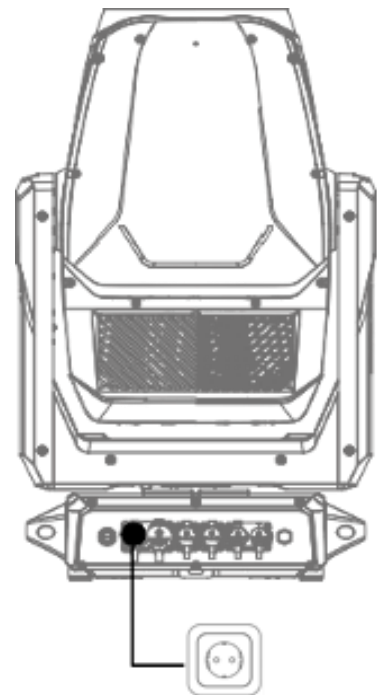
- L (live) - Brown Wire
- E (ground) - Yellow/Green Dual Color Wire
- N (neutral) - Blue Wire

When connecting the power supply, please note that the voltage and frequency of the power supply must match the voltage and frequency marked on the light fixture. Although the PowerCON TRUE1 connectors support daisy-chaining, the maximum output current on the Power Out connector is limited to 4A.

We strongly recommend connecting each fixture to a dedicated power source to ensure proper power distribution, safety, and warranty protection.

If more than 4A is drawn from the output, or if improper cables or connectors are used, any resulting damage is not covered under warranty.

The end user or installer is responsible for ensuring that all cabling and loads comply with local regulations and the product's technical limitations.





Attention!

When connecting the power supply, the ground wire (yellow/green dual color wire) must be safely grounded and comply with all relevant electrical installation standards.

Warning!

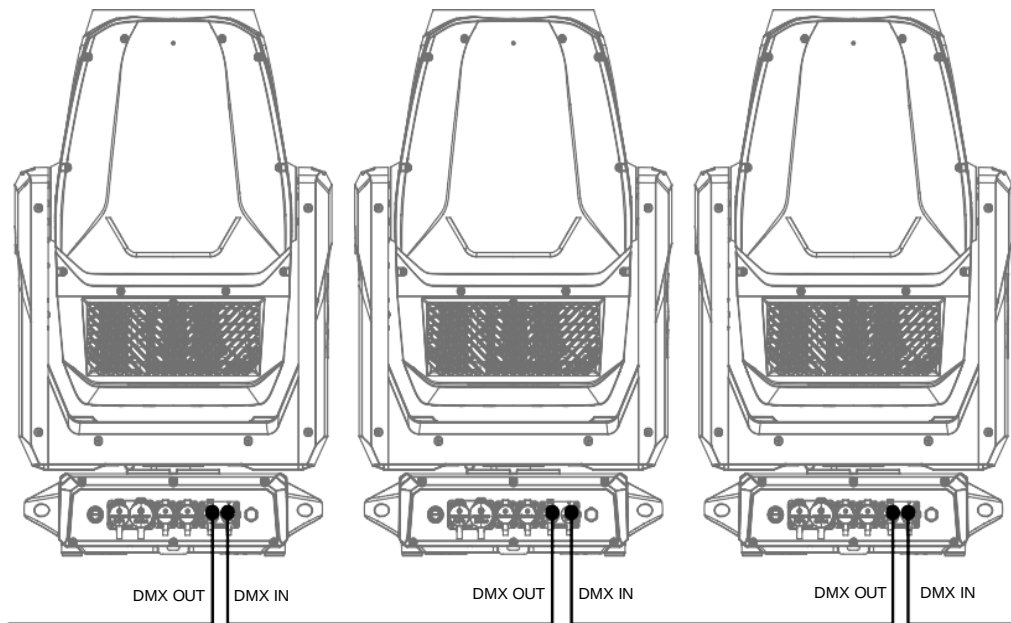


- Do not connect too many fixtures or overload a single power cord.
- Do not use power cords with damaged insulation layers, and do not place power cords over or under other cables.
- When the fixture is not in use or cleaned, please unplug the power cord.
- Do not forcefully unplug or drag the power cord directly.
- Only certified and undamaged power and signal cables should be used.
- The use of undersized, damaged, or incompatible cables may result in fire, electric shock, or equipment malfunction.
- In such cases, the manufacturer accepts no liability and the product warranty is void.
- Always follow local electrical regulations when installing or powering this device.

NXT Group International Ltd. is not responsible for any damage, malfunction, or safety incidents resulting from the use of improper power cables, insufficient wire gauges, overloaded circuits, or incorrect daisy chaining. Power connectors and wiring must comply with local electrical regulations and the specifications outlined in this manual. Damage caused by non-compliant power distribution or user error is not covered under warranty.

9.3 Signal connect

The lighting fixtures are equipped with standard DMX XLR and RJ-45 input and output sockets. Please use DMX512 shielded twisted pair signal cables or Category 5 or above network twisted pair cables for connection. The typical connection distance for DMX signal lines is 150 meters. When transmitting signals over long distances, a DMX512 signal amplifier must be added.



Connect a shielded twisted pair signal cable from the DMX output port of the controller to the DMX input port of the first device, and from the DMX output port of the first device to the DMX input port of the second device, and so on, until all the fixtures are connected. Then install a terminal plug on the last 3 or 5 pin socket of each connected fixture output. (Weld a 1/4W, 120 Ω resistor between the 2 and 3 pins of a 3 or 5 core pin XLR plug).

10. Regular maintenance

Regular cleaning and maintenance are required, and their service life largely depends on the operating environment and standards. If you have any questions, please consult our technical engineers for advice. Maintenance and repair work not included in this book should be entrusted to our qualified technical engineers.



Attention! Damage caused by dust, liquid ingress, or other improper use, as well as any abnormal use, is not covered by the warranty.

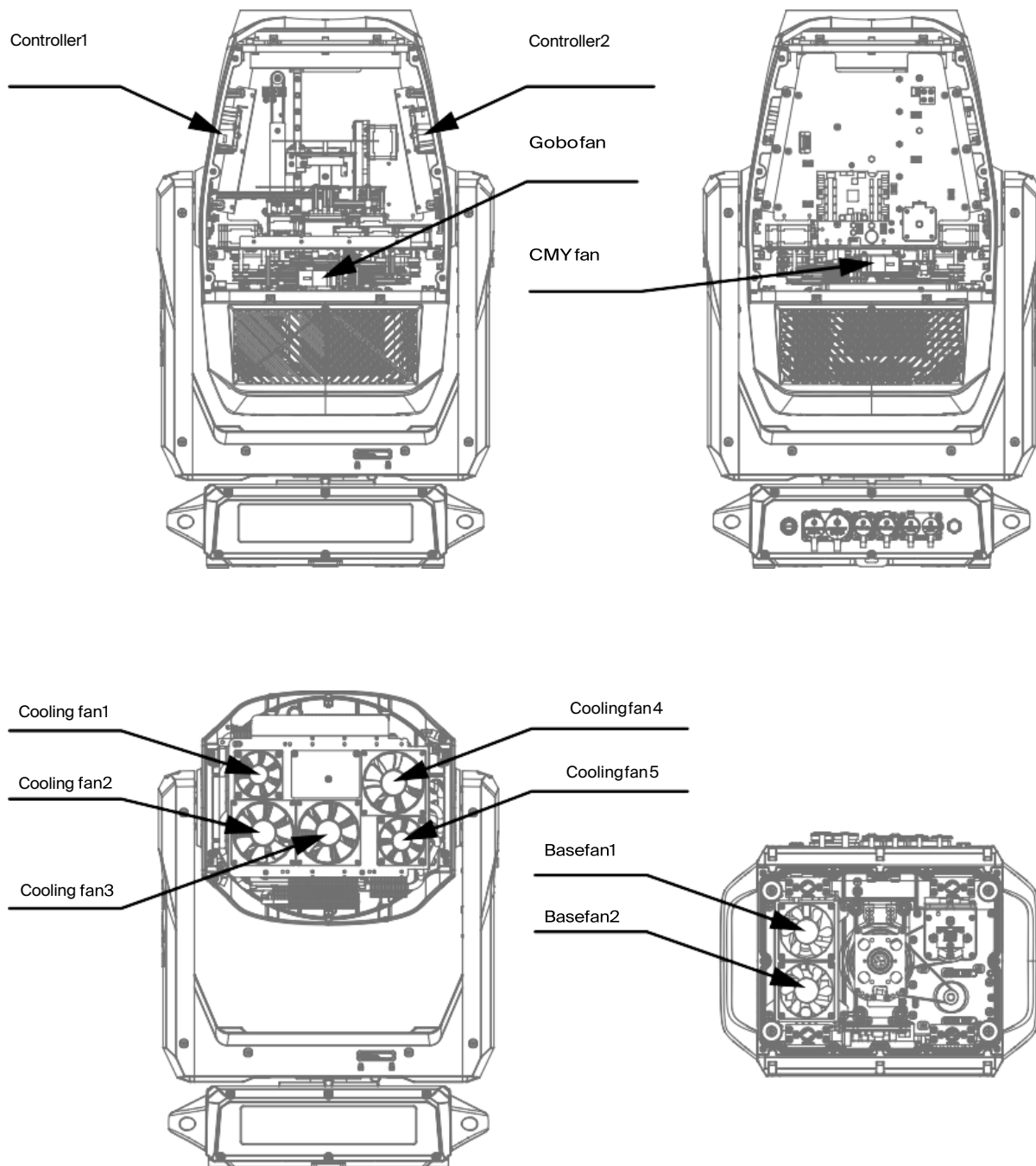


Warning!

Before opening any lid, disconnect the power supply. Cleaning optical components requires gentle wiping as the coating surface is prone to scratching. Do not use damaging liquids or hard objects, as they may damage the plastic or coating surface.

- All service operations must be carried out exclusively by authorized NXT service technicians or by a service center appointed by NXT Group International Ltd
- Opening the fixture without authorization, or failing to perform a proper IP integrity test after reassembly, will void both the warranty and IP protection.
- Any water or dust ingress caused by improper sealing or unauthorized maintenance is not covered by warranty.
- When the lens is cracked or otherwise damaged, it should be replaced in a timely manner.
- When noticeable brightness reduction occurs, the light source may be nearing the end of its service life and should be replaced by an authorized service.
- If the fixture fails to power on, check whether the main fuse is blown. If it is, replace it with a new fuse of the same rating.
- The fixture is equipped with a temperature protection device. When the temperature is too high, the protection device will automatically reduce power.
- When this situation occurs, please check whether the fan is running normally, whether the fan and fan mesh are clogged with dust, identify the fault and repair it before starting the fixture. Please note that only qualified technicians are allowed to carry out maintenance work.
- To maintain smooth movement of the focusing lens, it is recommended to lubricate the guide rail of the focusing lens every three months. Excellent and high-temperature resistant lubricating grease should be used, and excessive grease should not be used as it can easily dirty adjacent components.
- Whenever the fixture is opened for inspection or service, it must be resealed and verified for IP65 integrity before use.

- Operating the unit without confirming proper sealing may lead to water or dust ingress and void the warranty.
- Always ensure that all gaskets, screws, and covers are correctly positioned and tightened.
- Firmware updates may occasionally be released to improve functionality or performance. Only authorized NXT technicians or approved distributors are permitted to install firmware updates. Installing unofficial or modified software may cause malfunction and will void the warranty.





10.1 Fan Maintenance

Proper fan maintenance is essential to ensure reliable operation, prevent overheating, and extend the lifespan of moving light fixtures. Over time, dust and dirt can clog fans, reduce airflow, and cause the fixture to overheat or fail. Regular maintenance ensures better performance and longer life.

Maintenance Schedule

Environment	Inspection	Cleaning
Indoor (clean conditions)	Every 3 months	Every 6 months
Outdoor or dusty environments	Monthly	Every 3 months
Touring / high-duty use	Before each tour	After each tour

Important: Always disconnect power and allow the fixture to cool before servicing.

Required Tools

- Soft brush or small anti-static brush
- Compressed air (non-static)
- Lint-free cloth
- Isopropyl alcohol (for stubborn buildup)
- Screwdriver (if access panels are secured)

Cleaning Procedure

1. **Power Off:** Disconnect the fixture from power and let it cool completely.
2. **Access Fans:** Remove the necessary covers to expose internal
3. **Dust Removal:** Use a brush or compressed air to clean blades, vents, and surrounding areas.
4. **Wipe Down:** If needed, gently clean fan blades with a cloth dampened with isopropyl alcohol.
5. **Inspect Function:** Spin the fan manually—it should move smoothly and quietly.
6. **Reassemble:** Secure all covers and reconnect any internal fan connectors.

Disposal and Environmental Responsibility

This product contains electronic components and must not be disposed of with household waste.

At the end of its service life, please follow local regulations for the collection, recycling, or disposal of electrical and electronic equipment.

Proper recycling helps prevent environmental damage and promotes sustainable use of resources.

11. Control panel and menu

11.1 Panel Introduction



The fixture features a 2.8" LCD display, the operation panel is equipped with a rechargeable battery, which can enter the menu to set address codes and make other settings without powering on.

- Press the MODE (≡) key to view or modify the lighting function settings, and press the UP, DOWN, LEFT, and RIGHT keys to select the function menu.
- Press the ENTER key to confirm your selected function menu, which will take you to the corresponding sub menu in the menu. Each menu item represents a specific function of the lighting fixture (as shown in the table below).
- Press the ENTER key to save your modifications or enter a submenu, and press the UP or DOWN key to modify values (increase or decrease values).
- Press the MODE (≡) key to return to the previous menu or exit.

11.2 System menu

Note: The gray color block is the default setting value

Main Menu	DMX Address	A001~AXXX	
	DMX Mode	Standard// 29CH Extended // 36CH	
	Network Protocol	ArtNet/SACN	
	IP Address	xxx.xxx.xxx.xxx	
	Network Mask	xxx.xxx.xxx.xxx	
	U n i v e r s e	x x x	
	Settings	Network Switch	Network Switch ON Network Switch OFF
		Dimmer Curve	Linear Square Inv-Square S-Curve
		Dimmer Mode	Standard Stage TV Architectural Theatre
		Pan Invert	Pan Invert OFF Pan Invert ON
		Tilt Invert	Tilt Invert OFF Tilt Invert ON
		Pan Degree	Pan Degree 540
		Move Speed	Move Speed 1 Move Speed 2 Move Speed 3 Move Speed 4
		Hibernation	OFF, 01M~99M, Default: 15M
		Frequency	1200Hz/3600Hz/500 0Hz/10KHz/15KHz/20 KHz/25KHz
		Head Fan	Auto High Low Silent
		Base Fan	Auto

			High Low Silent
		Display Backlight	01~60m
		Flip Display	Flip Display ON Flip Display OFF
		Screen Lock	Screen Lock OFF Screen Lock ON
		Display Flash	Display Flash ON Display Flash OFF
		Temp. F/C°	Celsius Fahrenheit
		Language	English
		Channel Value	PAN.....
		Slave Setting	Slave1, Slave2, Slave3
		Auto.Prog	Master / Alone
		Lost Signal	Black/Hold/Auto
		Feedback	Feedback ON Feedback OFF
		Factory Default	Factory Def. ON Factory Def. OFF
	Scan and record	password (50) Recording status: unrecorded/horizontally recorded/vertically recorded/fully recorded	
	Test	Reset	Global Reset Pan & Tilt Reset Other Reset
		Test Channel	Pan
		Panel Ctrl	Pan =XXX:
		Calibrate	-PasswordPAN
		Time.Info	Current Total Time Last Time Clear Last
		Temp. Info	LED Temp1 : LED Temp2: Heat Temp: Head Temp: Base Temp: Powr Temp: Head Humi: Base Humi:



		Fan Speed	Base Fan1:xxxx RPM Base Fan2: xxxx RPM Cool Fan1: xxxx RPM Cool Fan2: xxxx RPM Cool Fan3: xxxx RPM Cool Fan4: xxxx RPM Cool Fan5: xxxx RPM Gobo Fan:xxxx RPM CMY Fan:xxxx RPM Head Fan1:xxxx RPM Head Fan2:xxxx RPM
		Error. Info	Pan,Tilt.....
		Model. Info	NEXON M SerialNumber: NXM-25-0001
		Software Version	1U V 1.0.X 2U V 1.0.X 3U V 1.0.X

NXT[®]

NXT Group International Ltd.
support@nxtlights.com
nxtlights.com

NEXON M DMX Chart



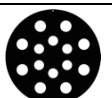
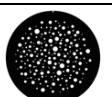
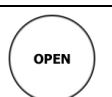
NXT IS NOW.
NXT LIGHTS | NEXON M | DMX Chart

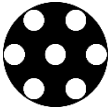
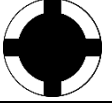
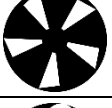
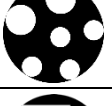
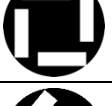
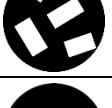
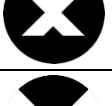
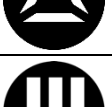
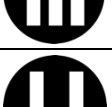
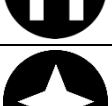
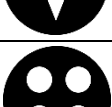
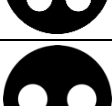
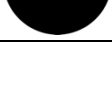
DMX Modes
Standard Mode 29 Channel
Extended Mode 36 Channel

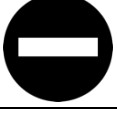
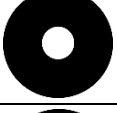
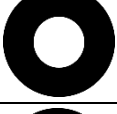
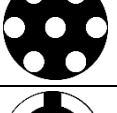
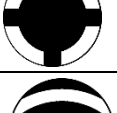
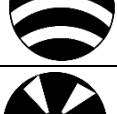
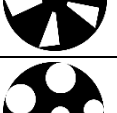
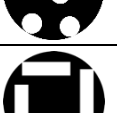
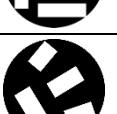
STANDARD MODE 29 CH	EXTENDED MODE 36 CH	VALUES	FUNCTION	
MOVEMENT				
1	1	000 - 255	PAN Movement 8-bit: Pan Movement	
2	2	000 - 255	PAN Fine 16-bit: Fine control of Pan movement	
3	3	000 - 255	TILT Movement 8-bit: Tilt Movement	
4	4	000 - 255	Tilt Fine 16-bit: Fine control of Tilt movement	
5	5		PAN Continuous Rotation:	
		000 - 127	No function	
		128 - 189	Pan CW, Fast -> Slow	
		190 - 193	Stop	
		194 - 255	Pan CCW, Slow -> Fast	
DIMMER (INTENSITY)				
6	6	000 - 255	Dimmer 8-bit: Intensity 0 to 100%	
7	7	000 - 255	Dimmer Fine 16-bit:	
			Intensity 0 to 100%	
SHUTTER, STROBE				
8	8	000 - 031	Closed	
		032 - 063	Open	
		064 - 095	Strobe, Slow -> Fast	
		096 - 127	Open	
		128 - 159	Pulse effect, Slow -> Fast	
		160 - 191	Open	
		192 - 223	Random strobe, Slow -> Fast	
		224 - 255	Open	

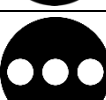
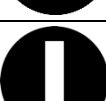
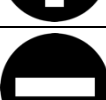
COLOR – CMY				
9	9	000 - 255	Cyan:	
			0 to 100%	
	10	000 - 255	Cyan Fine:	
			0 to 100%	
10	11	000 - 255	Magenta:	
			0 to 100%	
	12	000 - 255	Magenta Fine:	
			0 to 100%	
11	13	000 - 255	Yellow:	
			0 to 100%	
	14	000 - 255	Yellow Fine:	
			0 to 100%	
COLOR WHEEL				
12	15	000 - 005	Open	
		006 - 118	Color Index	
		119 - 120	Open	
		121 - 124	Color 1 - Deep Red	
		125 - 128	Color 2 - Yellow	
		129 - 132	Color 3 – Viva Magenta	
		133 - 136	Color 4 - Green	
		137 - 140	Color 5 - Purple	
		141 - 144	Color 6 - Cyan	
		145 - 148	Color 7 - Deep Orange	
		149 - 152	Color 8 - Greenish	
		153 - 156	Color 9 - Light pink	
		157 - 160	Color 10 - Orange	
		161 - 164	Color 11 - Aqua	
		165 - 168	Color 12 - Amber	
		169 - 172	Color 13 - Lime	
		173 - 176	Color 14 - CTO 1	
		177 - 180	Color 15 - CTO 2	
		181 - 184	Color 16 - CTB	
		185 - 188	Color 17 - Dark Blue	
		189 - 192	Open	
		193 - 223	CW, Fast -> Slow	
		224 - 224	Stop	

		225 - 255	CCW, Slow -> Fast	
13	16	000 - 255	Color Wheel Fine 0% to 100%	
GOBO 2 - ROTATING GOBOS				
14	17	000 - 002	Beam Mode	
		003 - 005	Spot Mode	
		006 - 010	Gobo 1 - Petal Spin	
		011 - 015	Gobo 2 - Disc	
		016 - 020	Gobo 3 - Double Disc	
		021 - 025	Gobo 4 - Particles	
		026 - 030	Gobo 5 - Abstract	
		031 - 035	Gobo 6 - Rims	
		036 - 040	Gobo 7 - Hexagons	
		041 - 045	Gobo 8 - Whirl Eye	
		046 - 050	Gobo 9 - Water	
		051 - 055	Gobo 10 - Leaf	
		056 - 060	Gobo 11 - Dots	
		061 - 065	Gobo 12 - Stars	
		066 - 075	Gobo 1 shake (slow-fast)	

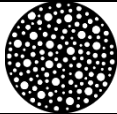
		076 - 085	Gobo 2 shake (slow-fast)	
		086 - 095	Gobo 3 shake (slow-fast)	
		096 - 105	Gobo 4 shake (slow-fast)	
		106 - 115	Gobo 5 shake (slow-fast)	
		116 - 125	Gobo 6 shake (slow-fast)	
		126 - 135	Gobo 7 shake (slow-fast)	
		136 - 145	Gobo 8 shake (slow-fast)	
		146 - 155	Gobo 9 shake (slow-fast)	
		156 - 165	Gobo 10 shake (slow-fast)	
		166 - 175	Gobo 11 shake (slow-fast)	
		176 - 185	Gobo 12 shake (slow-fast)	
		186 - 192	Open	
		193 - 222	CW, Fast -> Slow	
		223 - 225	Stop	
		226 - 255	CCW, Slow -> Fast	
GOBO 2 - ROTATING GOBO INDEX				
15	18	000 - 005	Rotation Off	
		006 - 128	Gobo Index 0° -> 540°	
		129 - 191	Gobo Rotation, CW, Fast -> Slow	
		192 - 192	Stop	
		193 - 255	Gobo Rotation, CCW, Slow -> Fast	
16	19	000 - 255	Rotating Gobo Index Fine: 0% to 100%	

GOBO 1 - FIXED GOBOS				
17	20	000 - 005	Open	
		006 - 010	Gobo 1 - Dots	
		011 - 014	Gobo 2 - Target	
		015 - 018	Gobo 3 - 3 Rainbow	
		019 - 022	Gobo 4 - Rims	
		023 - 026	Gobo 5 - 5 dots	
		027 - 030	Gobo 6 - 4 rectangle	
		031 - 034	Gobo 7 - Cat	
		035 - 038	Gobo 8 - NXT	
		039 - 042	Gobo 9 - Nuclear	
		043 - 046	Gobo 10 - Triangle	
		047 - 050	Gobo 11 - 3 Lines	
		051 - 054	Gobo 12 - 2 Lines	
		055 - 058	Gobo 13 - Star	
		059 - 062	Gobo 14 - 4 Dots	
		063 - 066	Gobo 15 - 2 Dots	

067 - 070	Gobo 16 - 3 dots	
071 - 074	Gobo 17 - Vertical Line	
075 - 078	Gobo 18 - Horizontal Line	
079 - 082	Gobo 19 - Reducer 1	
083 - 086	Gobo 20 - Reducer 2	
087 - 090	Gobo 21 - Reducer 3	
091 - 094	Gobo 22 - Reducer 4	
095 - 098	Gobo 23 - Frost	
099 - 102	Gobo 1 shake, from slow to fast	
103 - 106	Gobo 2 shake, from slow to fast	
107 - 110	Gobo 3 shake, from slow to fast	
111 - 114	Gobo 4 shake, from slow to fast	
115 - 118	Gobo 5 shake, from slow to fast	
119 - 122	Gobo 6 shake, from slow to fast	
123 - 126	Gobo 7 shake, from slow to fast	
127 - 130	Gobo 8 shake, from slow to fast	

131 - 134	Gobo 9 shake, from slow to fast	
135 - 138	Gobo 10 shake, from slow to fast	
139 - 142	Gobo 11 shake, from slow to fast	
143 - 146	Gobo 12 shake, from slow to fast	
147 - 150	Gobo 13 shake, from slow to fast	
151 - 154	Gobo 14 shake, from slow to fast	
155 - 158	Gobo 15 shake, from slow to fast	
159 - 162	Gobo 16 shake, from slow to fast	
163 - 166	Gobo 17 shake, from slow to fast	
167 - 170	Gobo 18 shake, from slow to fast	
171 - 174	Gobo 19 shake, from slow to fast	
175 - 178	Gobo 20 shake, from slow to fast	
179 - 182	Gobo 21 shake, from slow to fast	
183 - 186	Gobo 22 shake, from slow to fast	
187 - 190	Gobo 23 shake, from slow to fast	
191 - 195	Open	

		196 - 224	CW, Fast -> Slow	
		225 - 226	Stop	
		227 - 255	CCW, Slow -> Fast	
ZOOM				
18	21	000 - 255	Narrow to wide	
19	22	000 - 255	Zoom Fine: Narrow to wide 16-bit	
FOCUS				
20	23	000 - 255	Far to near	
21	24	000 - 255	Focus Fine: Far to near 16-bit	
PRISM 1				
22	25	000 - 005	Open	
		006 - 255	6 Linear	
PRISM 1 INDEXING AND ROTATION				
23	26	000 - 005	Prism1 Rotation Off	
		006 - 128	Prism1 Position 0 -> 540°	
		129 - 191	Prism1 Rotation CW, Fast -> Slow	
		192 - 192	Stop	
		193 - 255	Prism1 Rotation CCW, Slow -> Fast	
	27	000 - 255	Prism 1 Indexing Fine: 0% to 100%	

PRISM 2				
24	28	000 - 005	Open	
		006 - 085	8 Circular	
		086 - 165	12 Circular	
		166 - 255	6 Linear	
PRISM 2 INDEXING AND ROTATION				
25	29	000 - 005	Prism2 Rotation Off	
		006 - 128	Prism2 Position 0 -> 540°	
		129 - 191	Prism2 Rotation CW, Fast -> Slow	
		192 - 192	Stop	
	193 - 255	Prism2 Rotation CCW, Slow -> Fast		
	30	000 - 255	Prism 2 Indexing Fine: 0% to 100%	
FROST				
26	31	000 - 255	Min to Max	
ANIMATION WHEEL				
27	32	000 - 005	Open	
		006 - 128	Animation Wheel Position 0 -> 540°	
		129 - 191	Animation Wheel Rotation CW, Fast -> Slow	
		192 - 192	Stop	
	193 - 255	Animation Wheel Rotation CCW, Slow -> Fast		
	33	000 - 255	Animation Wheel Fine: 0% to 100%	
PAN/TILT SPEED				
	34	000 - 255	Max to Min speed	

DIM MODES				
28	35	000 - 020	Standard	
		021 - 040	Stage	
		041 - 060	TV	
		061 - 080	Architectural	
		081 - 100	Theatre	
		101 - 255	Default Settings (Hold 3s)	
DEVICE SETTINGS				
29	36	000 - 005	No function	
		006 - 010	Display ON Backlight (Hold 3s)	
		011 - 015	Display OFF Backlight (Hold 3s)	
		016 - 020	Invert Pan ON (Hold 3s)	
		021 - 025	Invert Pan OFF (Hold 3s)	
		026 - 030	Invert Tilt ON (Hold 3s)	
		031 - 035	Invert Tilt OFF (Hold 3s)	
		036 - 038	Fan Auto (Hold 3s)	
		039 - 041	Fan High (Hold 3s)	
		042 - 044	Fan Low (Hold 3s)	
		045 - 047	Fan Silent (Hold 3s)	
		048 - 050	No function	
		051 - 055	Linear Dimmer Curve (hold 3s)	
		056 - 060	Square Dimmer Curve (hold 3s)	
		061 - 065	Inv-Square Dimmer Curve (hold 3s)	
		066 - 070	S - Dimmer Curve (hold 3s)	
		071 - 075	Led Freq. 1200 Hz (hold 3s)	
		076 - 080	Led Freq. 3600 Hz (hold 3s)	
		081 - 085	Led Freq. 5000 Hz (hold 3s)	
		086 - 090	Led Freq. 10.000 Hz (hold 3s)	
		091 - 095	Led Freq. 15.000 Hz (hold 3s)	
		096 - 100	Led Freq. 20.000 Hz (hold 3s)	
		101 - 105	Led Freq. 25.000 Hz (hold 3s)	
		106 - 110	Reset Pan/Tilt (Hold 3s)	
		111 - 115	Reset only Head (Hold 3s)	
		116 - 120	Reset All Functions (Hold 3s)	
		121 - 155	No function	
		156 - 160	Factory Default (Hold 3s)	
		161 - 255	No function	

NXT[®]

NXT IS NOW.