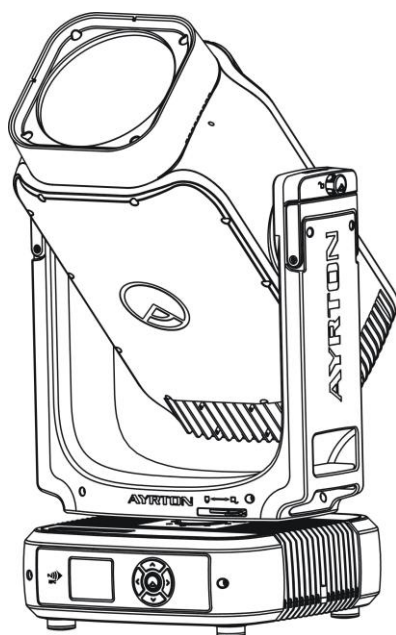


USER INFORMATION

ENGLISH - VERSION 1

COBRA²



AYRTON

Digital Lighting



2 Rue de Vitruve,
91140 Villebon-sur-Yvette,
France

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COBRA² is the first factory standard AYRTON phosphor laser source luminaire, its laser source is sealed in a safe module, and the module is installed and sealed in a safe housing.

COBRA² pushes all the limits when it comes to beam definition, with native contrast never before achieved by a digital light source, an incredible beam angle of 0.6°. Fitted with a 170 mm frontal lens, the proprietary optical system uses 13 lenses, producing an unprecedented 38x zoom ratio and a zoom range of 0.6° to 23°. The continuous rotation of the pan and tilt movement, multiplying the possibilities for creating complex effects and making this luminaire a universal tool capable of meeting any challenge in all conditions.

COBRA² is provided with a highly innovative colour section including a CMY mixing system and a multi position wheel equipped with six corrective filters, 21 complementary colour filters, and a variable CTO. COBRA² has an unrivalled graphics capability, offering a wide choice of 92 fixed and rotating metal gobos distributed on two wheels and incorporates an animation section on the gobo wheel. These gobos can be blended with two sections of four individually combinable rotating prisms allowing you to produce a multitude of volumetric lighting effects. A light and heavy frost filter complete COBRA²'s graphic tool palette. Well suited for use indoors as well as outdoors, COBRA² was developed as a unique versatile luminaire that incorporates all waterproof features.

Keep this manual for future needs.

Errors and omissions for all information given in this user manual are possible.
All information is subject to change without prior notice.



1. SAFETY INSTRUCTIONS

1.1 > IMPORTANT SAFETY WARNINGS

This device has left the factory in perfect condition. In order to maintain this condition and to ensure safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

For safety reasons, please be aware that all modifications to the product are forbidden. We will not be liable for any damage or injury caused by installation, use, maintenance or service that not follow this manual.

In order to install, operate and maintain the lighting fixture safely and correctly we suggest that the installation and operation be carried out by qualified technicians and these instructions be carefully followed.

1.2 > PHOTOBIOLOGICAL SAFETY

The light source of 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 62471:2006 "Photobiological safety of lamps and lamp systems", the photobiological risk classification is assigned as RISK GROUP 3 (RG3).



RISK GROUP 3



Warning! Possibly hazardous optical radiation emitted from this product. do not look at operating lamp source. Eye injury may result.



RG3
Hazard distance: Refer to the manual.
Not for household use.
EN/IEC 62471

- **CAUTION! Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.**
- The US Food and Drug Administration (FDA) requires that the owner of the product be a holder of a valid FDA CDRH laser light show variance and operate the product in accordance with the terms of the variance. (variance is a "permit" issued by FDA). It requires the operator (if not the owner) of the product to be a legal employee of the variance holder and to have completed a laser safety training course and an operators training course.
- This product is in conformity with performance standards for laser products under 21 CFR 1040, except with respect to those characteristics authorized by Variance Number FDA-2023-V-1465 effective (September 27, 2023)
- The product is in excess of the Exempt Risk Group, the viewer-related risk is dependent upon how the user installs and uses the product.
- Operators shall control access to the beam within the hazard distance or install the product at the height that will prevent spectators' eyes from being within the hazard distance.
- Hazard Distance (HD) is the distance from the projector's nearest point of human access where the beam radiance or irradiance exceeds the applicable exposure limit.

- The operators shall control the product to prevent human exposure to the luminaire(s) light within the HD. Hazard distances (according to different settings):

US HD (United States Hazard Distance) = 380 meters (1,250 ft)

Hazard Distance (worst case) is calculated at full power and narrowest beam angle for > 10 seconds. However, do not illuminate personnel closer than this distance under any circumstances.

- Do not operate with personnel exposure shorter than the declared hazard distance due to risk of skin or corneal burns.
- This Laser Product is designated as Class 1 / RG3 during all procedures of operation.
- Internal (embedded) laser parameters:
 - Laser Wavelengths: 445 - 455 nm.
 - Laser Power max: 45 W (at light engine aperture).
 - Beam Diameter: 27 mm.
 - Divergence: 1050 mrad.
 - Emissions: 1.2 kHz, varying duty cycle: 0 - 97%.
- Luminaire Wavelengths: 445 nm - 700 nm.
- **CAUTION! The user must not modify the unit or remove protective covers or housings except as required for service. The laser product is never to be operated if the unit is defective or the cover or seal is damaged.**
- **Danger - class 4 laser light when open. Avoid eye or skin exposure to direct or scattered light.**
- No maintenance is required or allowed by the user.
- Service is only to be performed by trained and authorized personnel. Consult service manual for laser safety procedures before opening unit.
- As required by US state and federal OSHA requirements, maintenance and service is to be performed under the terms of ANSI Z136.1, "Safe Use of Lasers". Wear laser safety eyewear when servicing the unit.
- All laser light shows shall be under the direct and personal control of trained, competent operator(s). The operator(s) shall:
 - Be an employee of the variance holder who will be responsible for the training and the conduct of the operator.
 - Be located where all beam paths can be directly observed at all times.
 - Immediately terminate the emission of light show radiation in the event of any unsafe condition; or for outdoor shows, upon request by any air traffic control officials.
- Hazard distances (HD) for all relevant viewer-related risk groups below RG3: Not Applicable. In no case expose personnel closer than the Hazard Distance indicated above.

CAUTION



High voltage. Risk of severe or fatal electric shock.









Always disconnect mains supply before removing any fixture covers.



Never touch the device during operation. Covers may be hot.



Fixture exposed to salt water should not be stored in its foam insert without being cleaned with fresh water first. It is best practice that fixture be stored dry.

	Never look directly into the light source.
	Light collimation system This product contains internal light collimation system. Avoid intense light from any angle.
	Not suitable for household illumination.
	Not for residential use.
	Disposing. This product is supplied in compliance with European directive 2012/19/EU - Waste Electrical and Electronic Equipment (WEEE). To preserve the environment please dispose / recycle this product at the end of its life according to the local regulation.
	Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- If either lenses or display are damaged (damage may include cracks or gashes in the material) they must be replaced.
- Electrical connections, such as replacing the power plug, must be performed by a qualified person.
- Make sure that the available voltage is not higher than that which is stated in this manual.
- Make sure the power cord is never crushed or damaged by sharp edges. If this should be the case, replacement of the cable must be done by an authorized dealer.
- If the external flexible power cord of this device is damaged, it shall be exclusively replaced by the manufacturer or their service agent or a similar qualified person in order to avoid injury.
- When the device is not in use or before performing maintenance or service, always disconnect the device from the mains. Only handle the power cord from the plug. Never pull the plug out of a socket by tugging the power cord.
- When powered on for the first time, some smoke or smell may occur. This is caused by coating on metal parts when heated and is normal. If you are concerned, please contact your distributor.
- Do not focus the beam onto flammable surfaces. The minimum distance between the exiting lens of the device and the illuminated surface must be min. 25.0 m. The minimum distance from fixture head to combustible materials must be min. 0.1 m. (for personnel exposure distances, refer to the above mentioned Hazard Distances).
- The projection system shall be securely mounted or immobilized to prevent unintended movement or misalignment. Beam masking will be provided as an inherent part of the system design to prevent overfilling of screens, beam stops, targets, etc.
- This fixture is only allowed to be operated within the maximum alternating current as stated in the technical specifications in section 2 of this manual.
- Handle the device with care, avoid shaking or using force when installing or maintaining the device.
- If you use the quick lock cam when rigging the device, make sure the quick lock fasteners are located in the quick lock holes correctly and securely.
- Operate the device only after having familiarized yourself with its functions. Do not permit operation by persons not qualified for operating the device. Most damage is the result of unprofessional operation.
- Please use the original packaging if the device is to be transported.
- The applicable temperature for the device is between -20 °C and 45 °C. Do not use the device outside of this temperature range. (Note: When the temperature detected by laser source between -20 °C and 0 °C, the fixture needs to wait for the heater to increase the internal temperature to be above 0 °C before illumination will occur.)

1.3 > GENERAL GUIDELINES

Damage caused by the disregard of this user manual is not subject to warranty. The dealer and manufacturer will not accept liability for any resulting defects or problems.

- This fixture's external covers are made of magnesium alloy, care should be taken to avoid scratching the surface treatment of the covers. If it is accidentally scratched, need to repair the surface treatment and monitor regularly whether the repaired surface is corroded; if the corroded surface expands, need to replace the cover.
- This product is intended for the following applications: trade show or convention, indoor arena, outdoor arena, outdoor unenclosed arena, stage, studio, theater, event, venues, theme parks, architecture and similar applications.
- If the device has been exposed to temperature changes due to environmental conditions, do not power on immediately. The resulting condensation could damage the device. Leave the device powered off until it has reached room temperature.
- Ensure the sealing rubber covers of powerCON and XLR connectors are fitted properly when the device is not in use, to avoid water ingress.
- This device falls under protection-class I. Therefore, it is essential that the device be earthed.

2. FEATURES

POWER SUPPLY

- AC100-240 V~, 50/60 Hz
- Power: 480 W maximum

OPTICS

- Beam aperture: 0.6° to 23°
- Fast motorised linear zoom

LIGHT SOURCE

- Laser 260 W, White, Colour Temperature 9,000-10,000 K
- Rated life (L70): up to 12,000 hours

MOVEMENT

- Highly accurate positioning; moving-head operated via either 8- or 16-bit resolution
- Pan and tilt automatic repositioning
- Moving-head range: infinite pan and tilt rotation

COLOURS

- Sophisticated CMY colour mixing
- Static colour wheel with progressive CTO, 6 colour temperature

correction and 21 complementary colour filters

GOBOS

- One indexable rotating gobo wheels with 12 metal gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Static multiposition gobo wheel with instant access to 80 metal gobos

FROST

- 2 frost filters: one light, one heavy

EFFECTS

- Monochromatic graphical animation effects wheel with continuous rotation in both directions
- 2 set of 4 combinable rotating and indexable prisms

DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- Strobe effect: 1 to 25 flashes per second

SOFTWARE FEATURES

- Local DMX addressing and optional parameters through its built-in LCD control panel
- Remote DMX addressing and optional parameters through a standard RDM DMX controller
- Information menu including hour counter, temperature, software version

HARDWARE FEATURES

- Graphic LCD display for addressing and special functions settings, with flip function
- 5 menu buttons to set functions
- Integrated wireless CRMx TiMo RDM receiver from LumenRadio™
- IP65 XLR-5 pin male and female connectors for DMX connection
- IP65 RJ45 IN / OUT connectors for ArtNet connection
- IP65 powerCON TRUE1 TOP male connector for power connection

CONTROL

- DMX 512 protocol, through DMX cable or a wireless system
- DMX-RDM compatible
- ArtNet & sACN protocol through Ethernet cable
- Local control panel, with IP65 LCD display
- Choice of 3 DMX modes (from 35 to 45 DMX channels)

COOLING SYSTEM

- Advanced liquid cooling system
- Self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes with a new Silent Mode
- Safety protection against excess temperature

HOUSING

- IP65 protection rating (IP66 optional)

INSTALLATION

- 2 Omega ¼ turn brackets
- 4 ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS

- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted: 45 °C (113 °F)
- Minimum permitted: -20 °C (-4 °F)
- Minimum usage distance: 25 m (82.021 ft)

COMPLIANCE

- CE, UKCA, ETL

SIZE

- Product: 360 x 676 x 316 mm (l x h x d)
- Foam: 490 x 645 x 565 mm (l x h x d)

WEIGHT

- Product: 30.7 kg

3. GETTING STARTED

3.1 > UNPACKING

After unpacking, you will find the following items in the package:

- Cobra² fixture 1
- User Information manual 1
- Power Cable 1
- Omega Bracket 2

3.2 > PLACEMENT OF LABELS

Please check and read carefully the labels on the fixture before using:

CONFORMS TO IUL STD. 1573
 CERTIFIED TO CSA STD. C22.2 NO:186
 MODEL: COBRA MK2
 100-240VAC, 50/60Hz, 480W

NOT FOR RESIDENTIAL USE
 NON DESTINÉ À UN USAGE DOMESTIQUE
 NOT FOR HOUSEHOLD USE
 NON DESTINÉ À UN USAGE DOMESTIQUE
 SUITABLE FOR WET LOCATIONS
 CONVIENT AUX EMPLACEMENTS MOULÉS

Intertek
 3104374

Max. load of outlet: total 7.2A/100-120Vac or 9.6A/200-240Vac
 Max. Charge de sortie totale 7.2A/100-120Vac or 9.6A/200-240Vac

Warning!
 Possibly hazardous optical radiation emitted from this product.
 Do not look at operating lamp/source. Eye injury may result.
 RG2
 Hazard Distance: Refer to the manual
 Groupe de risque 3
 Attention:
 ce produit peut émettre un rayonnement lumineux nocif.
 Ne regardez pas la source en fonctionnement.
 Des blessures oculaires peuvent en résulter.

Trade Mark: AYRTON. Model Number: COBRA MK2.
 This device complies with part 15 of the FCC Rules.
 Operation is subject to the following two conditions:
 (1) this device must not cause harmful interference, and
 (2) this device must accept any interference received,
 including interference that may cause undesired operation.

Minimum distance to illuminated surface: (-25.0m)
 (nearest zoom with full power)
 Minimum distance from fixture head to combustible materials: 0.1m.
 Distance minimum à surface éclairée: (-25.0m)
 (zoom minimum à pleine puissance)
 Distance minimum de la tête de l'appareil aux matériaux combustibles: 0.1m.

DANGER
 CLASS LASER LIGHT WHEN OPEN. AVOID EYE OR
 SKIN EXPOSURE TO DIRECT OR SCATTERED LIGHT

AYRTON
 2 rue Vitruve 91140
 Villebon-sur-Yvette, France
 Model: COBRA MK2
 Place of MFG: Haoyang

This product is in conformity with performance standards for laser products under 21 CFR 1040, except with respect to those characteristics authorized by Variance Number FDA-2023-V-1465 effective on September 27, 2023.

Date of manufacture:
 Month/Year

CLASS 1 PRO LASER PRODUCT
 (EN 60825-1 CLASS 1) (IEC 60825-1 CLASS 1)
 (UL 1977 CLASS 1) (CAN 1977 CLASS 1)
 (FED-STD-161 CLASS 1)
 See Manual for Hazard Distance (RG2)

Not for household use.
 Limited wavelength: 650nm. Mode: CW

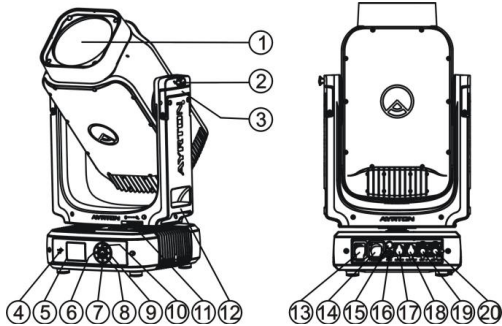
Designed by AYRTON in France, Made in China

CAUTION:
 LASER LIGHT IS BRIGHT AND MAY CAUSE VISUAL INTERFERENCE
 DO NOT SHINE AT AIRCRAFT OR VEHICLES AT ANY DISTANCE
 CAUTION: Risk of electric shock. Disconnect input power before operating.
 PRUDENCE: Risque de choc électrique. Débranchez l'alimentation avant d'ouvrir.
 Attention: Cet appareil peut être nocif à la santé.
 CAUTION: This fixture is not designed for permanent use in a media / corrective environment. Prolonged temporary use in such environments, clean fixture with fresh water and dry before storage.

SCAN FOR SUPPORT

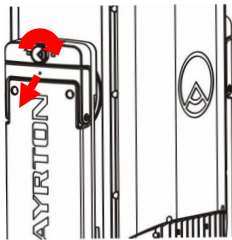
AYRTON

3.3 > FIXTURE OVERVIEW

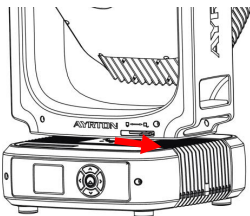


- | | | |
|----------------|------------------|--------------|
| 1. Front Lens | 8. Center-button | 15. Valve |
| 2. Tilt Lock | 9. Right-button | 16. Fuse |
| 3. Handle | 10. Up-button | 17. RJ45 In |
| 4. NFC | 11. Pan Lock | 18. RJ45 Out |
| 5. Display | 12. Handle | 19. DMX In |
| 6. Left-button | 13. Power In | 20. DMX Out |
| 7. Down-button | 14. Power Out | |

3.4 > UNLOCK THE PAN AND TILT BEFORE USING



Release the Tilt lock by pulling it out and turn 90°.



Release the Pan lock by pulling it to the right side.

3.5 > INSTALLATION INSTRUCTIONS - RIGGING THE FIXTURES

CAUTION

Please consider the respective national norms during the installation, the installation must only be carried out by a qualified person.

- The installation of the effect has to be built and constructed in a way that it can hold 10 times the weight for 1 hour without any harming deformation.
- The installation must always be secured with a secondary safety attachment, e.g. an appropriate safety rope.
- Never stand directly below the device when mounting, removing

or servicing the fixture.

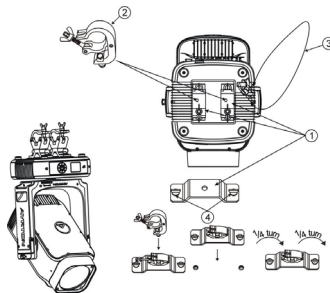
- The operator has to make sure the safety relating and machine technical installations are approved by an expert before taking the device into operation for the first time.
- These installations have to be approved by a skilled person once a year.

RIGGING USING THE OMEGA BRACKETS

- Fix the clamp to the bracket by tightening the M12 nut and bolt to the bracket through the hole in the middle of the bracket.
- Insert the quick-lock fasteners of the first Omega holder into the respective holes on the bottom of the device. Tighten the quick-lock fasteners fully clockwise.
- Install the second Omega holder.
- Pull the safety cable through the holes on the bottom of the base and over the trussing system or another suitable rigging point. Insert the end into the carabiner and tighten the safety screw.

CAUTION

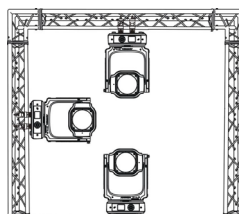
This step is very important to ensure safe rigging of the fixture.



- | | |
|------------------|------------------------|
| 1. Omega bracket | 3. Safety rope |
| 2. Clamp | 4. Quick-lock fastener |

RIGGING DRAWINGS

The fixtures can be installed by sitting on floor, hanging on truss upside down (on ceiling) or hanging vertically (on wall), as shown on the drawing below:



- Be sure this fixture is kept at least 0.1 m away from any flammable materials (decoration etc.).
- Always use and install a supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.
- Rig the projector high enough to provide clearance for people who may walk beneath the beam path or establishing a restricted access area that extends beyond the beam hazard distance.
- **WARNING! Please DO NOT let other external intense lights to shine through the fixture front lens, it may cause significant internal damages!**
- When install fixture outdoor at day time (with power off), please make sure that the fixture front lens is NOT facing the sun.

- When use fixture outdoor at day time (with power on), please avoid fixture front lens facing the sun.
- When fixture is on standby outdoor at day time (with power on and no DMX signal), please make sure the "sun protection" mode is ON (default).

CAUTION

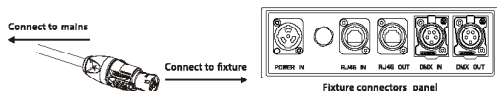
After installation in a corrosive environment, the external magnesium alloy covers surface shall not be in contact with other metal items (keeps at least 5mm distance from other metal items).

This IP65 fixture is not designed for permanent use in a marine / corrosive environment. Following temporary use in such environments, clean fixture with fresh water and dry before storage.

If a permanent installation is planned, please select the IP66 version of this product, which is designed for these environments.

3.6 > CONNECTIONS – CONNECTING POWER AND SIGNAL CABLES

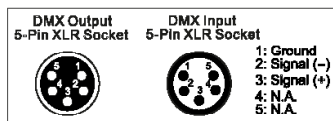
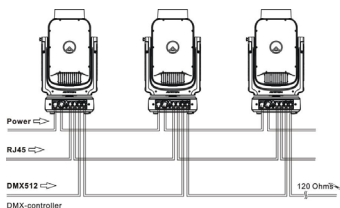
POWER CONNECTION



- Connect the power cable to the "Power In" socket of the fixture: Insert the power cable connector and turn clockwise until it clicks to lock.
- Connect the power cable plug to the mains: AC100-240 V~, 50/60 Hz, Power 480 W.

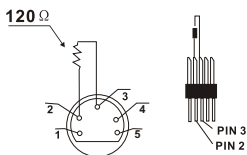
DMX-512 / ART-NET CONTROL CONNECTION

Connect the provided male side of the XLR cable to the female XLR output of your controller and the female side of the XLR cable to the male XLR input of the device. You can connect multiple devices together in a serial fashion. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.



DMX-512 CONNECTION WITH DMX TERMINATOR

For installations where the DMX cable has to run over a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal caused by electrical noise. The DMX terminator is an XLR plug with a 120 Ω resistor connected between pins 2 and 3, which is then plugged into the output (female) XLR socket of the last fixture in the chain. Please see illustrations below.



DEVICE DMX START ADDRESS SETTING

All fixtures should be given a DMX starting address when using a DMX signal, so that the correct fixture responds to the correct control signals. This digital starting address is the channel number from which the fixture starts to "listen" to the digital control information sent out from the DMX controller. The allocation of this starting address is achieved by setting the correct address number on the display located on the base of the device.

You can set the same starting address for all fixtures or a group of fixtures, or set different addresses for each fixture individually.

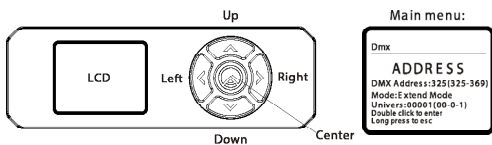
If you set the same address on all devices, all the devices will start to "listen" to the same control signal from the same channel number. In other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set a different address, each unit will start to "listen" to the channel number you have set, based on the quantity of control channels of the unit. That means changing the settings of one channel will affect only the selected device.

In the case of the moving head, in 45 channel mode, you should set the starting address of the first unit to 1, the second unit to 46 (45 + 1), the third unit to 91 (45+46), and so on.

3.7 > DISPLAY SETTINGS OPERATION

The fixture offers LCD Display and Buttons for setting display menus, you can use the buttons to set or check the Address, Mode, Options, Test, Info and Preset menus.



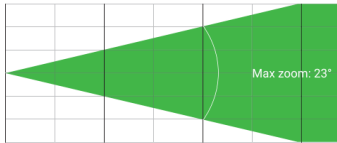
Center button	Double click to activate display, or confirm setting, or go into submenu; Long pressing 2s on main menu to access the shortcut menus; Long pressing 2s on submenu to exit or go back to previous menu.
Left button	Click to go left to other submenu.
Right button	Click to go right to other submenu.
Up button	Click to go up to other submenu, or increase the setting values.
Down button	Click to go down to other submenu, or decrease the setting values.

After accessing the submenu in edit mode, if no operation, it will automatically exit to the main menu after 15 seconds from the last button operation. When the fixture is powered on and the signal is connected, after 5 minutes, the display will switch off automatically.

USING THE DISPLAY MENUS

Double click to activate display, then on the main menu double click to enter into the following menus, click the up button or down button to browse and select the desired menu:





4.4 > CMY, DMX CHANNELS 23-28



4.5 > COLOUR WHEEL WITH CTO, DMX CHANNELS 21-22



COLOUR WHEEL

Outer Ring Colour

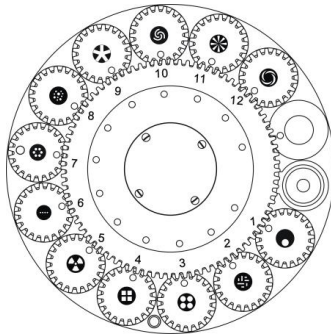
1	Green	GP603050332620
2	Orange	GP603050332630
3	Blue	GP603050332640
4	Red	GP603050332650
5	Pink	GP603050332560
6	Medium Yellow	GP603050332770
7	Deep Purple	GP603050332750
8	Velvet Green	GP603050334490
9	Amber	GP603050332580
10	Light Blue	GP603050334480
11	Light Red	GP603050332720
12	Follies Pink	GP603050334470
13	Yellow	GP603050332780
14	Slate Blue	GP603050334500
15	Dark Green	GP603050334430
16	Dark Amber	GP603050332790
17	Medium Blue	GP603050334440

18	Magical Magenta	GP603050332740
19	Oklahoma Yellow	GP603050334460

Inner Ring Colour

20	Congo Blue	GP603050332610
21	UV	GP603050332570
22	Minus Green 1/4	GP603050332540
23	Minus Green 1/2	GP603050332550
24	CTB 1/4	GP603050332590
25	CTB 1/2	GP603050332530
26	CTB	GP603050332680
27	Light Amber	GP603050334450

4.6 > ROTATING GOBOS, DMX CHANNELS 29-31

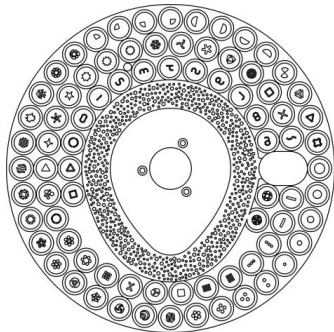


GOBO WHEEL 1

Rotating Gobo

1	310	Eccentric Dot	GP60303052013
2	358	Lines Mix	GP60303052029
3	328	Dot Square 4	GP60303052003
4	332	Square Beam 4	GP60303052030
5	149	Nuclear	GP60303052031
6	314	Dot Line 4	GP60303052073
7	320	Dot Ring 6	GP60303052015
8	324	Dot Mix	GP60303052032
9	342	Five Spokes	GP60303052033
10	114	Nested Half Rings	GP60303052066
11	343	Eight Spokes	GP60303052002
12	111	Nested Ring Lights	GP60303052034

4.7 > STATIC GOBOS, DMX CHANNELS 32



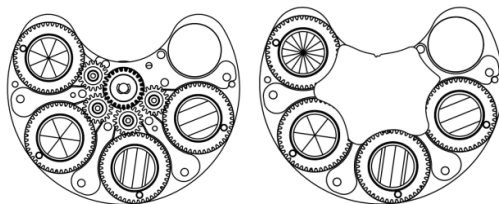
GOBO WHEEL

Rotating Gobo

1	302	80% Iris Beam	29	295	Half Beam Down
2	304	60% Iris Beam	30	298	Half Beam Left
3	306	40% Iris Beam	31	299	Half Beam Right
4	308	20% Iris Beam	32	418	Crash Test Icon
5	312	Dot Line 2	33	341	Split Triangle 4
6	326	Dot Triangle 3	34	426	Split Triangle 1
7	328	Dot Square 4	35	419	Iron Ball Light
8	319	Dot Ring 5	36	351	Vertical Line
9	257	Zig Zag Light	37	350	Bold Line
10	135	Vortex Light	38	371	Square Line 3 V
11	110	Spiral	39	370	Square Line 3 H
12	118	Helix 5	40	353	Four Lines H
13	424	Triangle Beam	41	354	Four Lines V
14	263	Daisy	42	330	Square Beam
15	373	Nested Star	43	363	Rubik Cube
16	368	Square Ring 8	44	437	Split Cross
17	439	Circular Saw 4	45	334	Square Beam 9
18	099	Waves Light	46	320	Dot Ring 6
19	274	Prison Bars 4	47	321	Dot Ring 7
20	269	Ink Stain	48	413	Split Circle 6
21	260	Arrows	49	324	Dot Mix
22	265	Iris 8	50	340	Triangle Beam
23	326	Dot Mix 8	51	374	Compass 4
24	290	Quarter Beam NE	52	346	Star Line 5
25	291	Quarter Beam SE	53	345	Star 5
26	292	Quarter Beam SW	54	378	Star 8
27	293	Quarter Beam NW	55	380	Star 10
28	296	Half Beam Up	56	382	Star 12

57	262	Arrow Ring 6	69	411	Split Circle 2
58	117	Helix 3	70	450	Number 0
59	342	Five Spokes	71	451	Number 1
60	261	Arrow Ring 3	72	452	Number 2
61	435	Nested Cross	73	453	Number 3
62	421	Split Square 1	74	454	Number 4
63	431	X Cross	75	455	Number 5
64	348	Tilde	76	456	Number 6
65	188	Mirror Ball 9	77	457	Number 7
66	417	Split Target	78	458	Number 8
67	422	Split Square 2	79	459	Number 9
68	427	Split Triangle 2			

4.8 > PRISMS (WITH FROST), DMX CHANNELS 33-45





AYRTON

Digital Lighting

