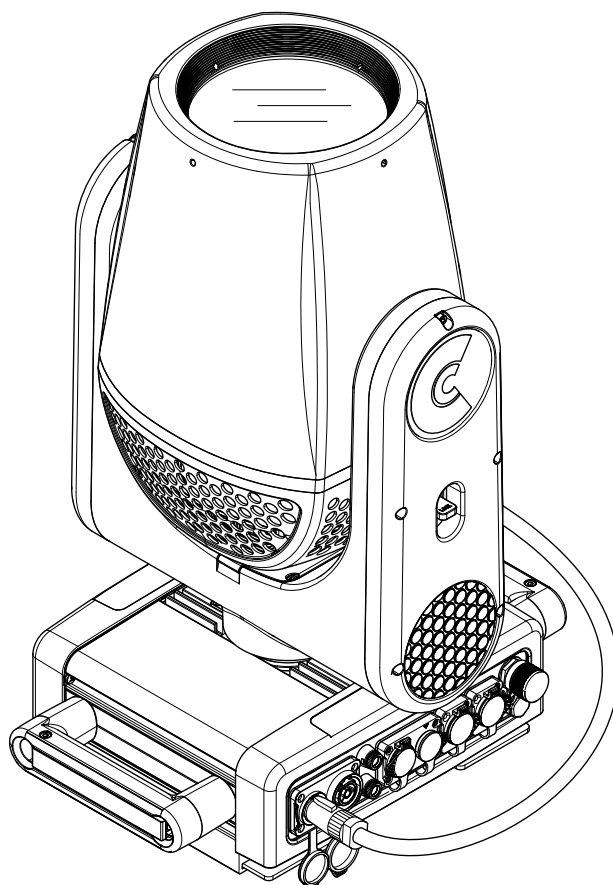


INSTRUCTION MANUAL



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4	3. Installation and start-up
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Congratulations on choosing a Claypaky product!

We thank you for your custom.

Please note that this product, as all the others in the rich Claypaky range, has been designed and made with total quality to ensure excellent performance and best meet your expectations and requirements.

1. SAFETY INFORMATION

EN

SAFETY INFORMATION

IMPORTANT: Claypaky recommend you to carefully read and keep the safety information on this product, also available in digital format at the following link:

www.claypaky.com

Ref: [FIS02V - Safety Information Ultimo Sharpy]

IT

INFORMAZIONI DI SICUREZZA

IMPORTANTE: Claypaky raccomanda di leggere accuratamente e conservare le informazioni di sicurezza relative a questo prodotto, sempre reperibili in versione digitale al seguente link:

www.claypaky.com

Rif: [FIS02V - Safety Information Ultimo Sharpy]

DE

INFORMATIONEN ZUR SICHERHEIT

WICHTIG: Claypaky empfiehlt, die Sicherheitsinformationen bezüglich dieses Produkts genau zu lesen und aufzubewahren. Sie sind in Digitalversion immer unter folgendem Link auffindbar:

www.claypaky.com

Ref: [FIS02V - Safety Information Ultimo Sharpy]

ES

INFORMACIONES DE SEGURIDAD

IMPORTANTE: Claypaky recomienda leer detenidamente y conservar la información de seguridad relativa a este producto. Además, está disponible una versión digital de la misma en el siguiente enlace:

www.claypaky.com

Ref: [FIS02V - Safety Information Ultimo Sharpy]

FR

CONSIGNES DE SÉCURITÉ

IMPORTANT: Claypaky recommande de lire attentivement et de conserver les informations de sécurité relatives à ce produit, disponibles en version digitale au lien suivant:

www.claypaky.com

Réf. : [FIS02V - Safety Information Ultimo Sharpy]

RU

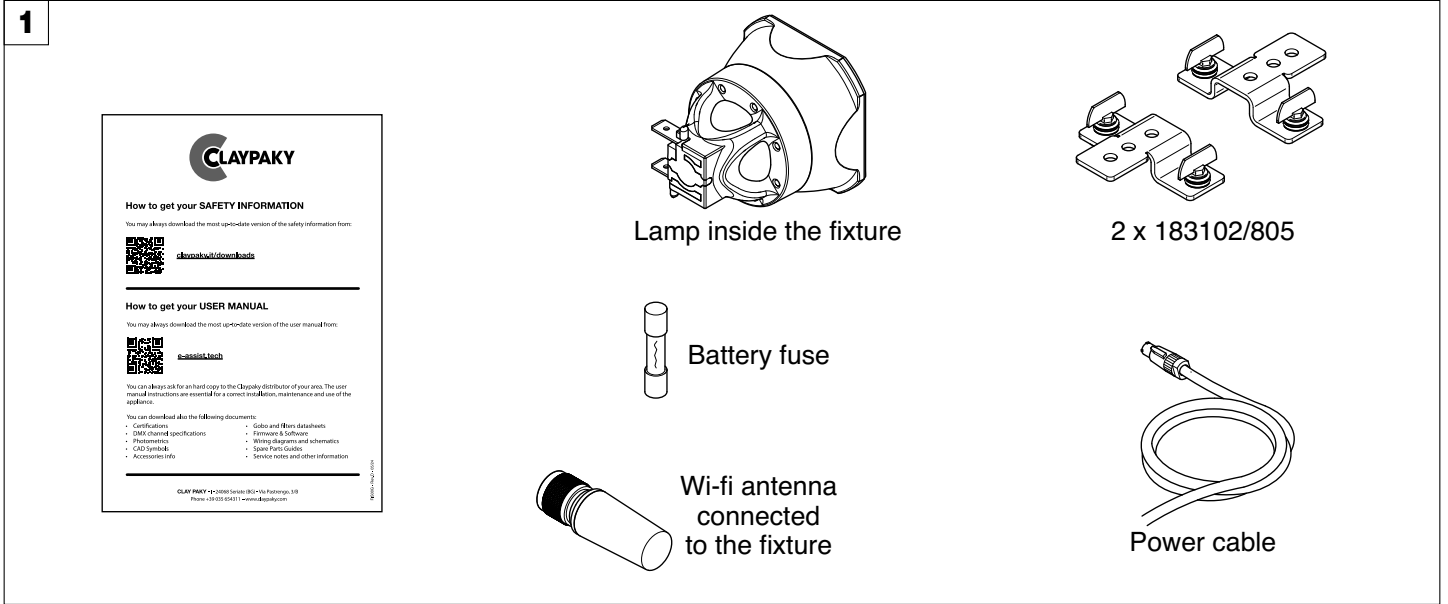
ИНСТРУКЦИЮ ПО ТЕХНИКЕ БЕЗОПАСНОСТИ

ВАЖНО: Клаураку рекомендует внимательно прочитать и сохранить инструкцию по технике безопасности данного изделия, которая всегда доступна в электронном формате по следующей ссылке:

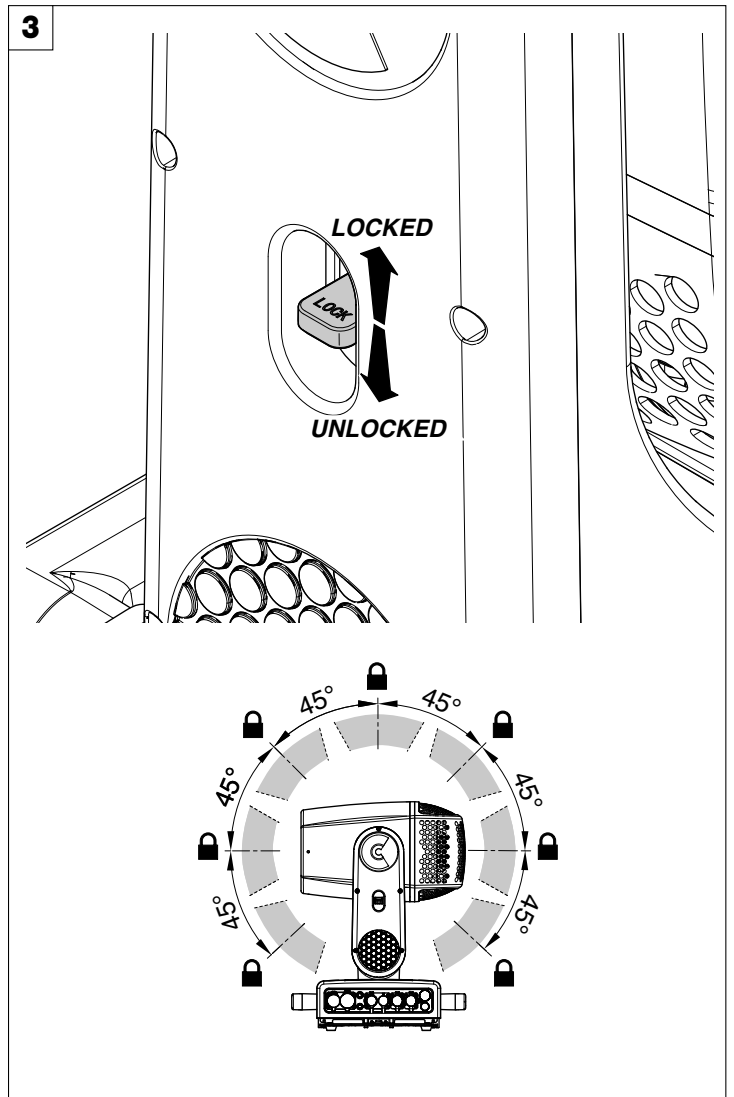
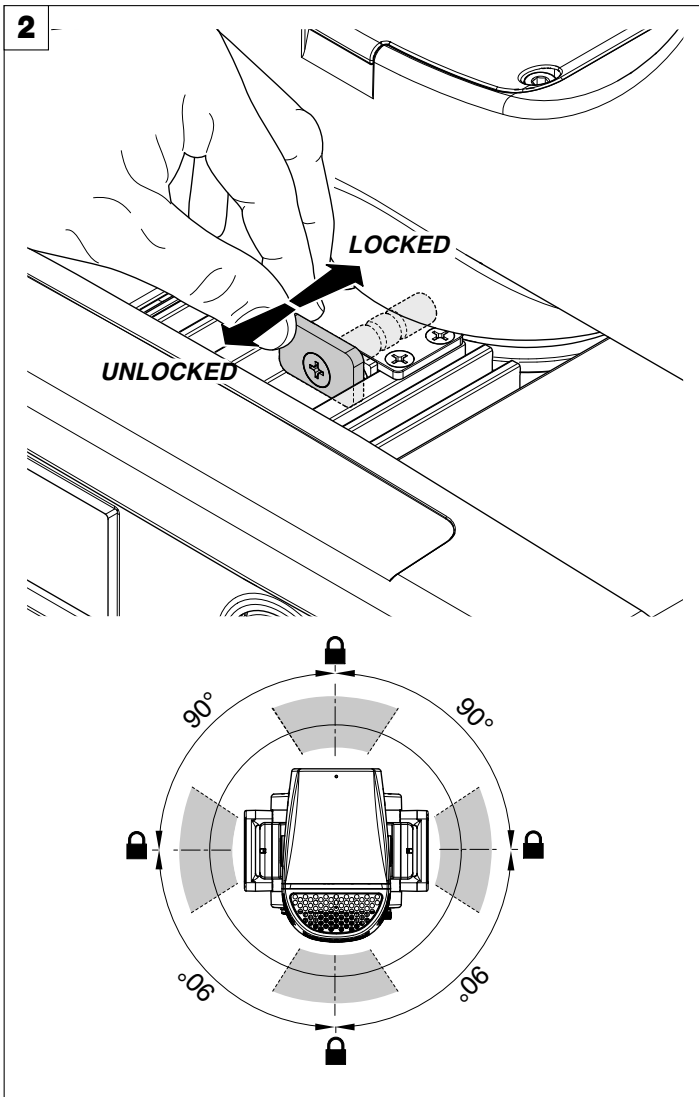
www.claypaky.com

Наименование: [FIS02V - Safety Information Ultimo Sharpy]

2. UNPACKING AND PREPARATION



Packing contents - Fig. 1



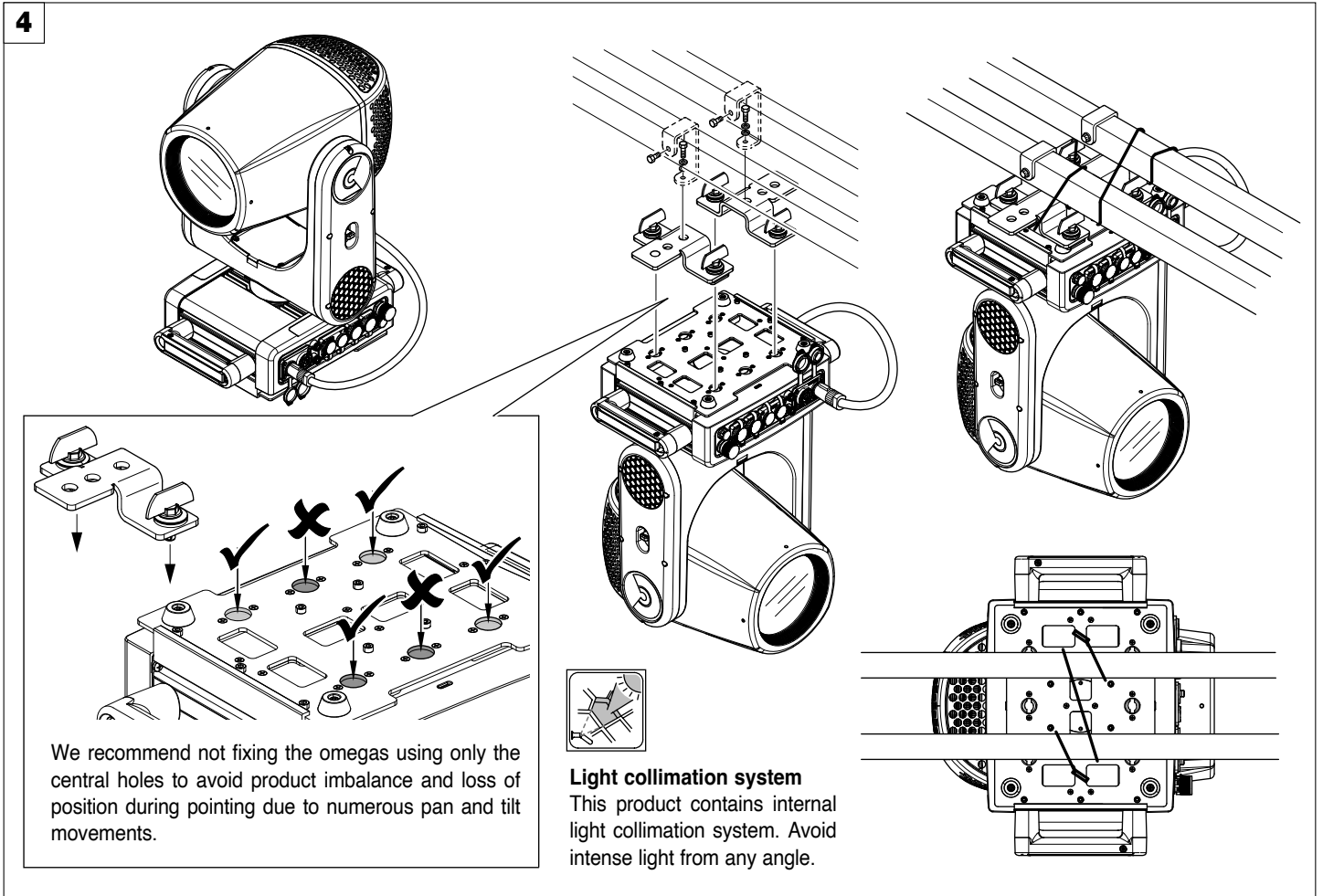
ATTENTION: When transporting free-hanging projectors mounted on or in trusses, bars, transport cradles (meat racks), the pan and tilt locks must remain unlocked.

PAN Mechanism Lock and Release (every 90°) - Fig. 2

TILT Mechanism Lock and Release (every 45°) - Fig. 3

3. INSTALLATION AND START-UP

3.1 Installing the fixture

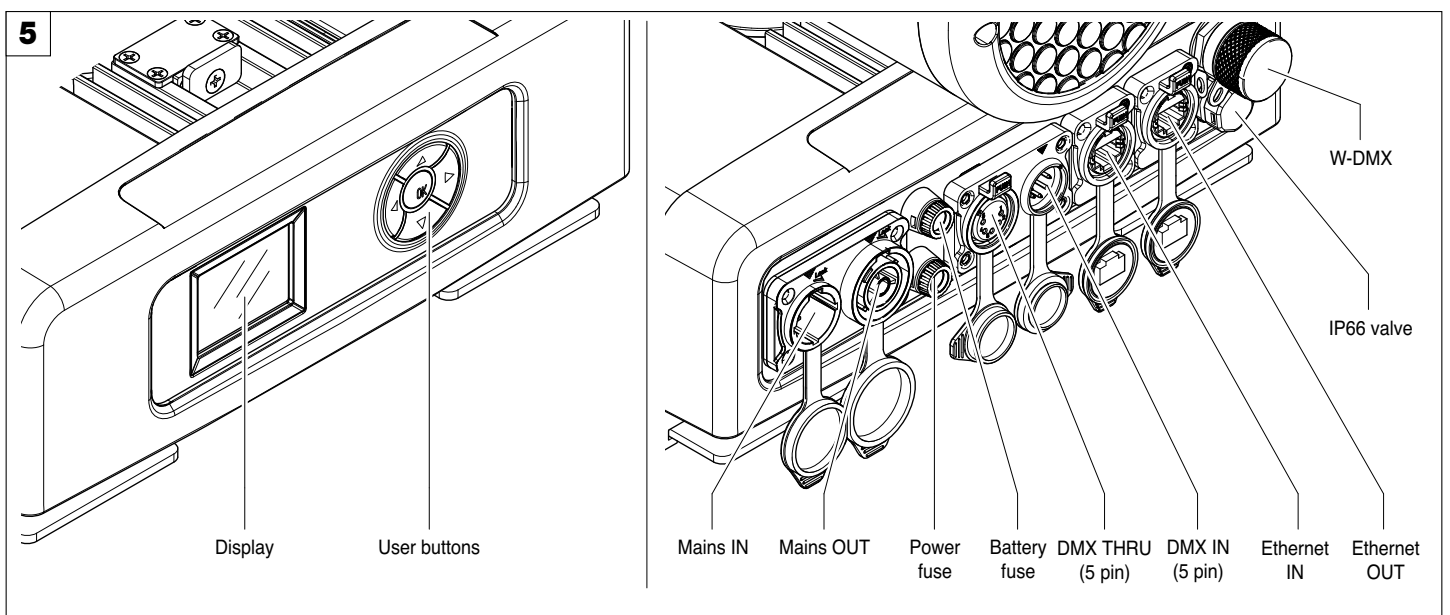


Installing the projector - Fig. 4

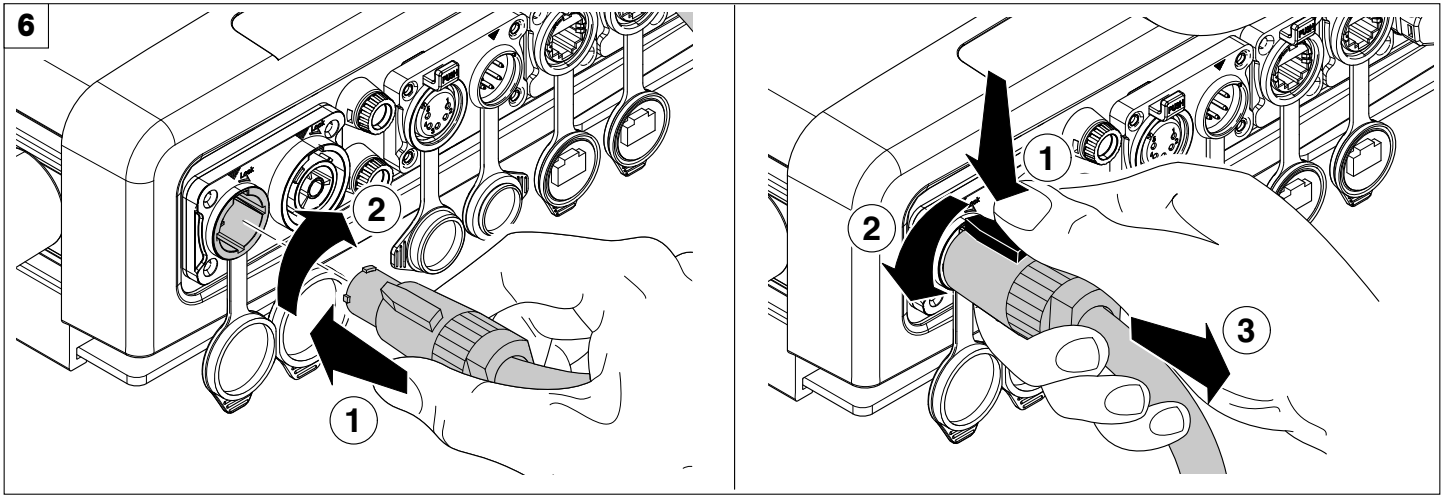
The projector can be installed on the floor resting on special rubber feet, on a truss or on the ceiling or wall.

WARNING: with the exception of when the projector is positioned on the floor, the safety cable must be fitted. (Cod. 105041/003 available on request). This must be securely fixed to the support structure of the projector and then connected to the fixing points of the base.

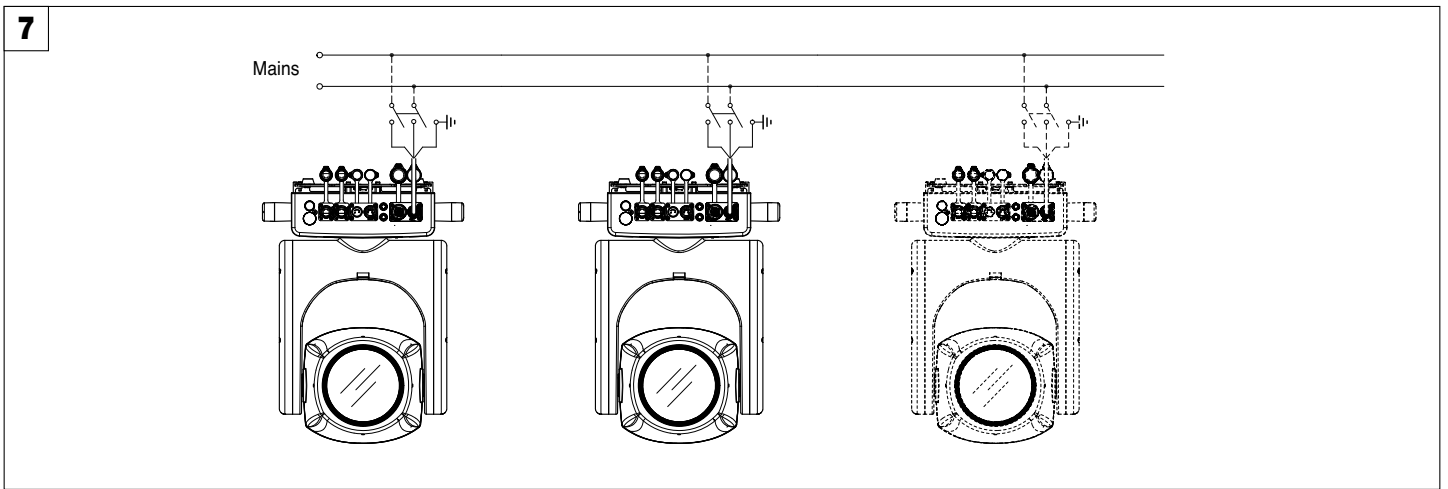
3.2 Connecting to the mains supply



Control panel - Fig. 5

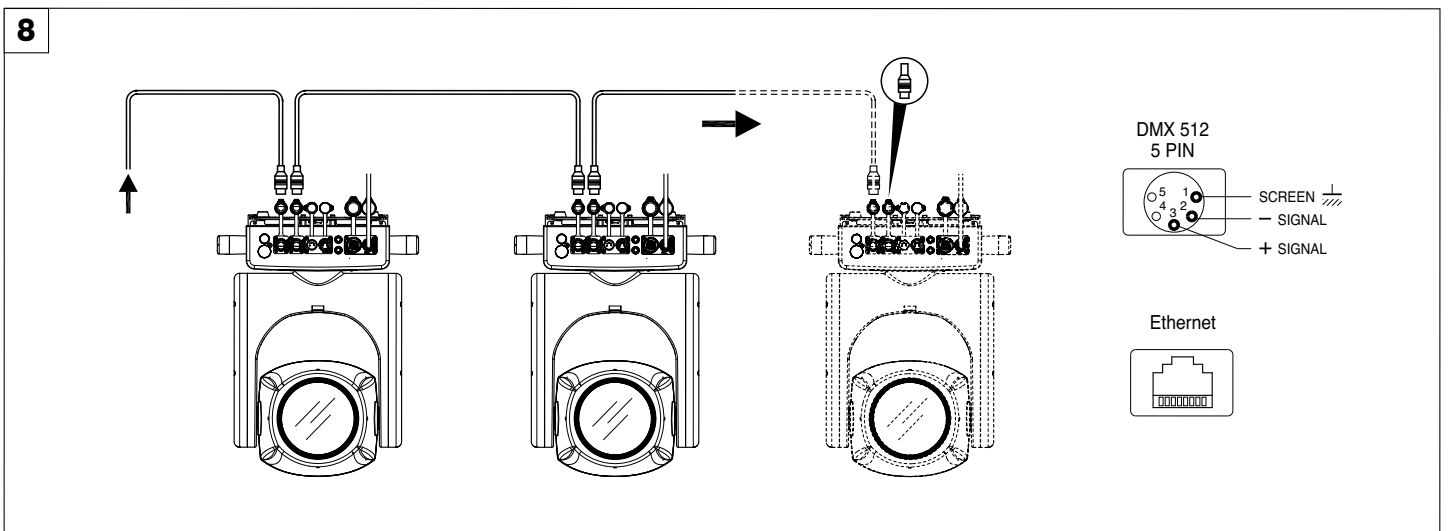


Connecting and disconnecting power cable - Fig. 6



Connecting to the mains supply - Fig. 7

3.3 Connecting the signal control line: DMX / Art-Net

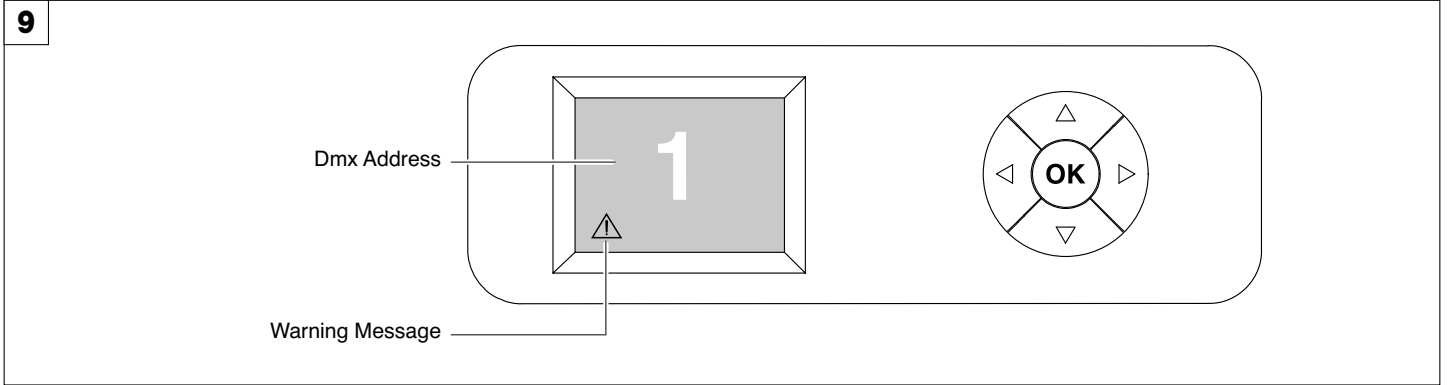


Connecting to the control signal line (DMX) - Fig. 8

Use a cable compliant to the EIA RS-485 specifications: 2-pole twisted, shielded, 120Ω characteristic impedance, 22-24 AWG, low capacity. Do not use microphone cables or other cables with characteristics differing from those specified. The end connections must be made using XLR type 5-pin male/female connectors. A terminating plug must be inserted into the last projector with a resistance of 120Ω (minimum 1/4 W) between terminals 2 and 3.

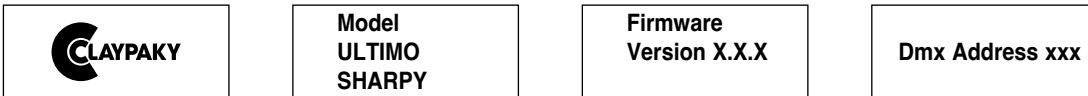
IMPORTANT: The wires must not make contact with each other or with the metal casing of the connectors. The casing itself must be connected to the shield braid and to pin 1 of the connectors.

3.4 Switching on the fixture and basic setup



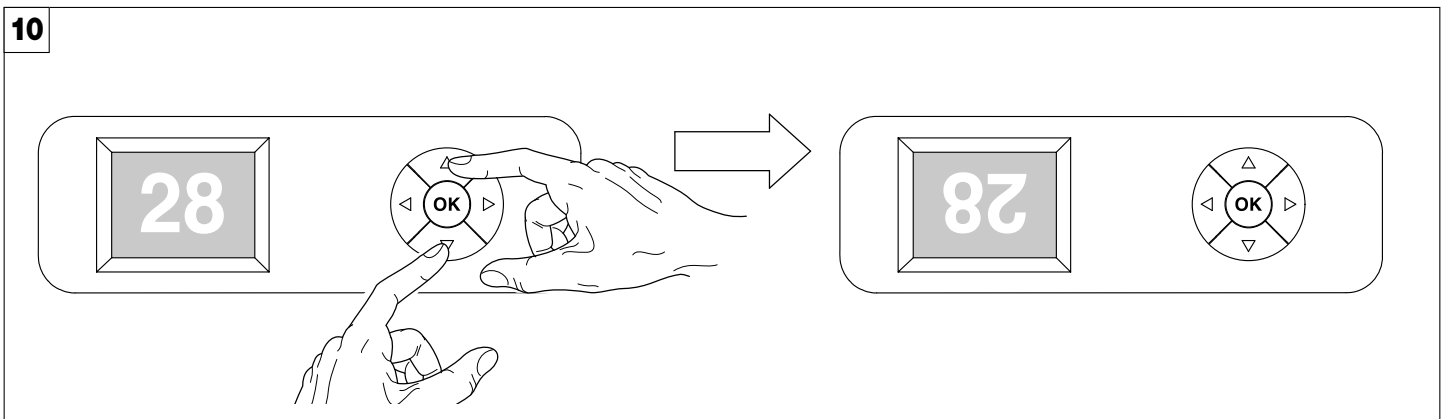
Switching on the projector - Fig. 9

Plug the power connector. The projector starts resetting the effects. At the same time, the following information scrolls on the display:





On conclusion of resetting in case of absence of the dmX signal, Pan and Tilt move to the “Home” position (Pan 128 bit - Tilt 128 bit). The control panel (Fig. 8) has a display and buttons for the complete programming and management of the projector menu. The display can be in one of two conditions: rest status and setting status. When it is in the rest status, the display shows the projector’s DMX address.

During menu setting status, after a wait time (about 30 seconds) without any key having been pressed, the display automatically returns to rest status. It should be noted that when this condition occurs, any possible value that has been modified but not yet confirmed with the **OK** key will be cancelled.



Reversal of the display - Fig. 10

To activate this function, press UP  and DOWN  keys simultaneously while the display is in the rest mode. This status will be memorised and maintained even for the next time it will be switched on. To return to the initial state, repeat the operation all over again.

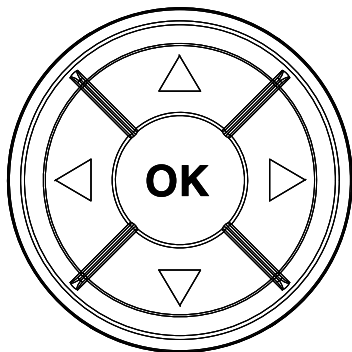
Setting the projector starting address

On each projector, the starting address must be set for the control signal (addresses from 1 to 512).

The address can also be set with the projector switched off.

IMPORTANT: If there is no DMX input signal the address displayed blinks.

Functions of the buttons - Using the menu



Confirms the displayed value, or activates the displayed function, or enters the successive menu.



DOWN

Decreases the value displayed (with auto-repetitions) or passes to the next item in the menu.



UP

Increases the value displayed (with auto-repetitions) or passes to the previous item in a menu.



LEFT







Return to the top level




RIGHT

Commute from units, tens, hundreds, in the "Address" and "Calibration" menu.

USING THE MENU:

- 1) Press LEFT  once – "Main Menu" appears on the display.
- 2) Use the UP  and DOWN  keys to select the menu to be used:
 - Setup (Setup Menu): To set the setting options.
 - Option (Option Menu): To set the operating options
 - Information (Information Menu): To read the counters, software version and other information.
 - Manual Control (Manual control Menu): To trigger the test and manual control functions.
 - Test (Test Menu): To check the proper functioning of effects
 - Advanced (Advanced Menu): Access to the "Advanced menu" is recommended for trained technical personnel.
- 3) Press  to display the first item in the selected menu.
- 4) Use the UP  and DOWN  keys to select the MENU items.

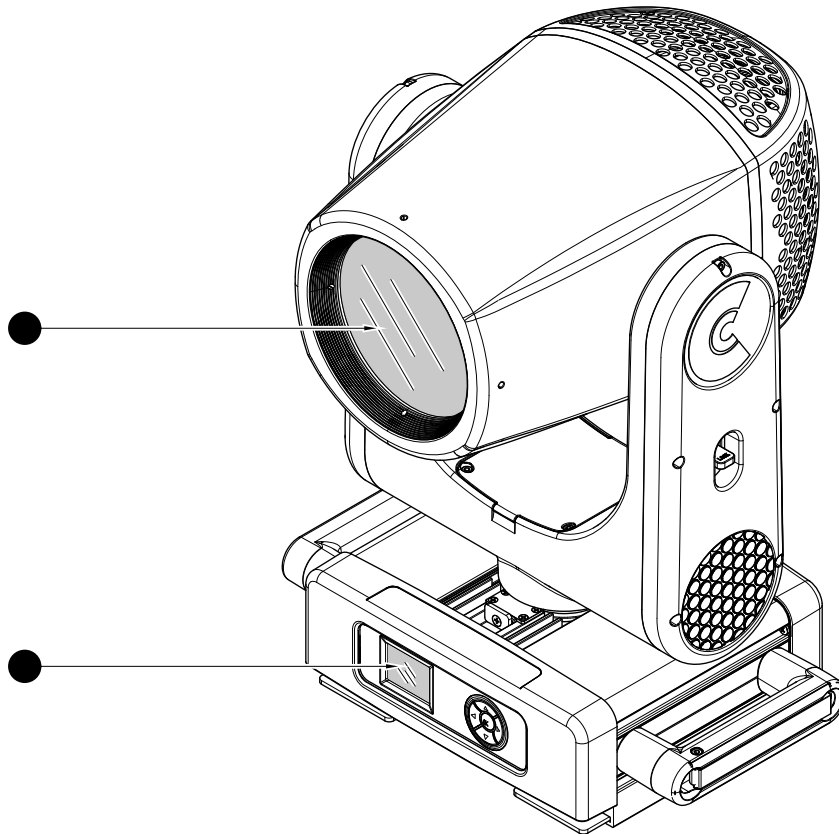
Setting addresses and options with the projector disconnected

The projector DMX address, as well as other possible operating options, can also be set when the appliance is disconnected from the electricity supply. All that is needed is to press RIGHT  to momentarily activate the display and thus access the settings. Once the required operations have been carried out, the display will switch off again after a wait time of 30 seconds.

4. MAINTENANCE

4.1 Periodical cleaning

11



Periodical cleaning - Fig. 11

To ensure optimal operation and performance for a long time it is essential to periodically clean the parts subject to dust and grease deposits. The frequency with which the following operations are to be carried out depends on various factors, such as the amount of the effects and the quality of the working environment (air humidity, presence of dust, salinity, etc.).

Use a soft cloth dampened with any detergent liquid for cleaning glass to remove the dirt from the reflectors, from the lenses and filters. It is recommended that the projector undergoes an annual service by a qualified technician for special maintenance involving at least the following operations:

- General cleaning of internal parts.
- Restoring lubrication of all parts subject to friction, using lubricants specifically supplied by Claypaky.
- General visual check of the internal components, cabling, mechanical parts, etc.
- Electrical, photometric and functional checks; eventual repairs.

NOTE: keep a careful cleaning of the "CMY/colour filters assembly" to prevent rapid deterioration.

WARNING: In marine/naval applications it is recommended to wash the fixture every 10 days with fresh water.

The marine environment is particularly aggressive due to:

- **Salt spray** (sodium chloride) depositing on the lens, seals, and metal parts
- **Constant humidity**
- **Salt-laden wind**
- **Strong UV exposure**

If not removed, salt can cause:

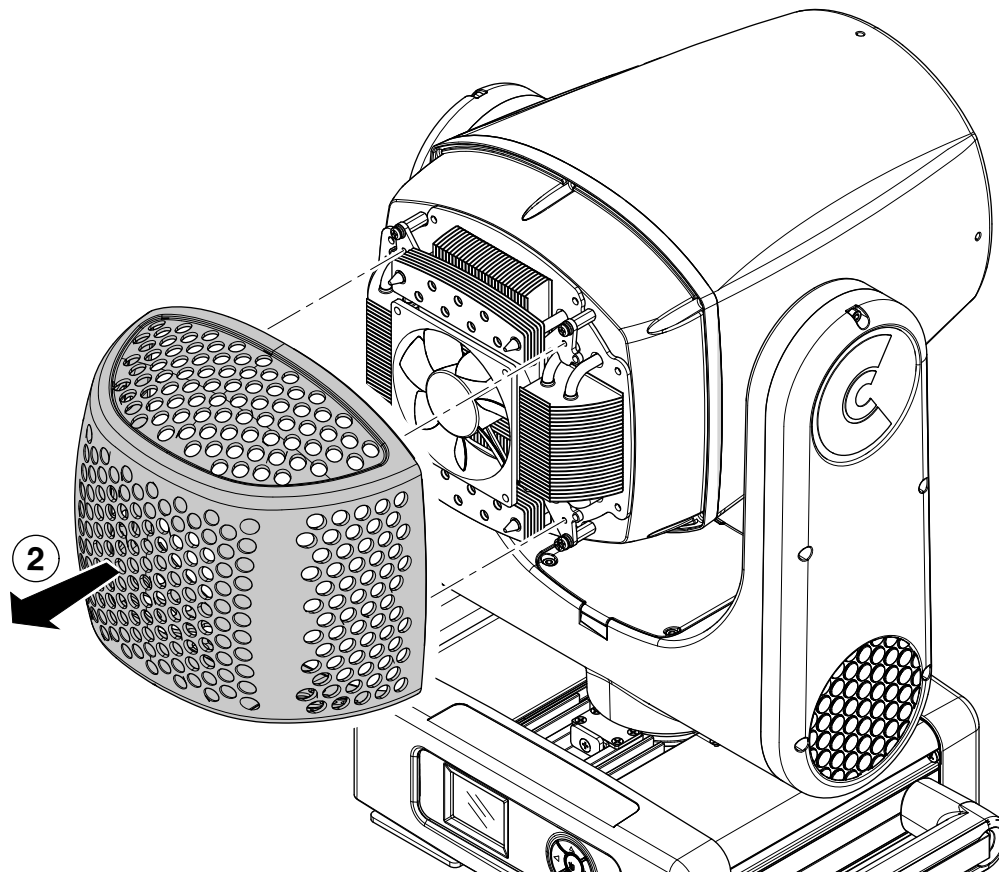
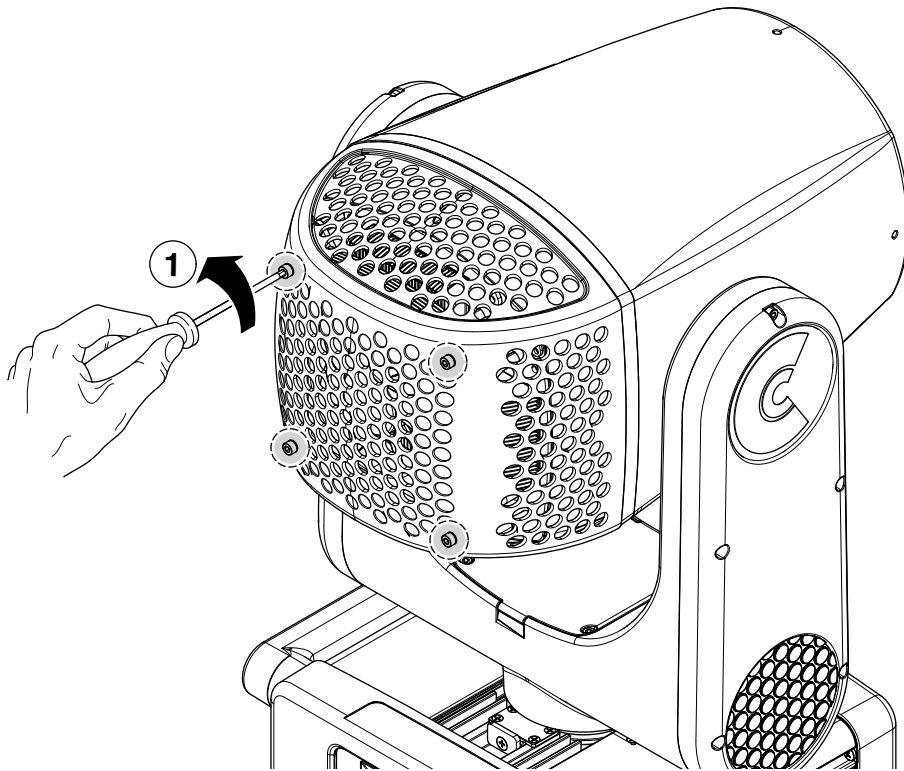
- Corrosion of metal components
- Lens clouding
- Reduced light output
- Premature seal deterioration
- Possible water ingress over time

Proper cleaning method

1. Use low-pressure fresh water
2. Avoid aggressive detergents
3. Do not use high-pressure washers (they can damage seals)
4. Dry if possible to prevent salt residue spots

4.2 Opening the rear cover

12



WARNING

- IP66 fixture
- Failure to completely remove power from fixture prior to servicing can lead to serious injury or death.

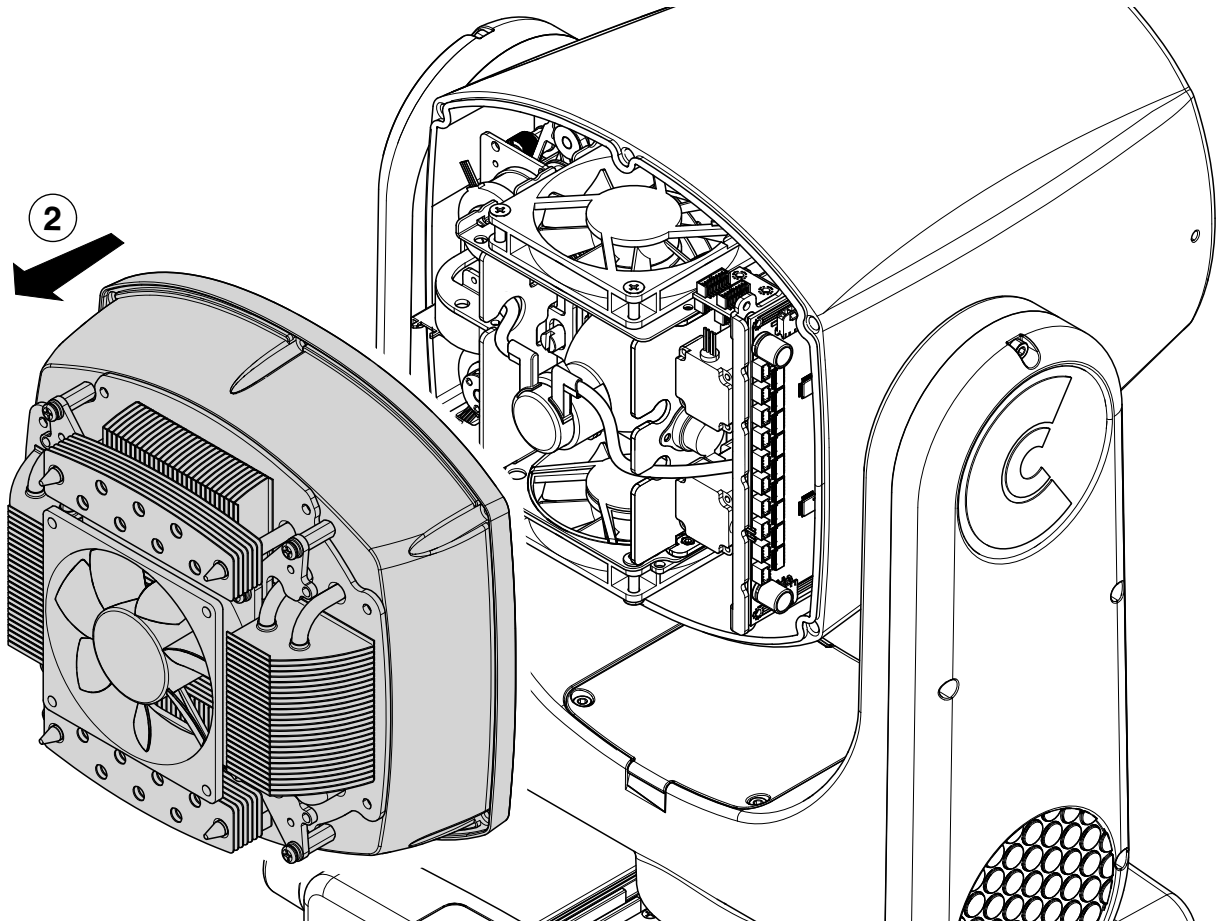
For additional service information please contact service@claypaky.it

IMPORTANT

To maintain IP66 rating each cover has rubber gasket on it. If any rubber gasket is lost or damaged, it must be replaced by an original equipment (OE) part. We also suggest to replace the rubber sleeve gasket every 2 years.

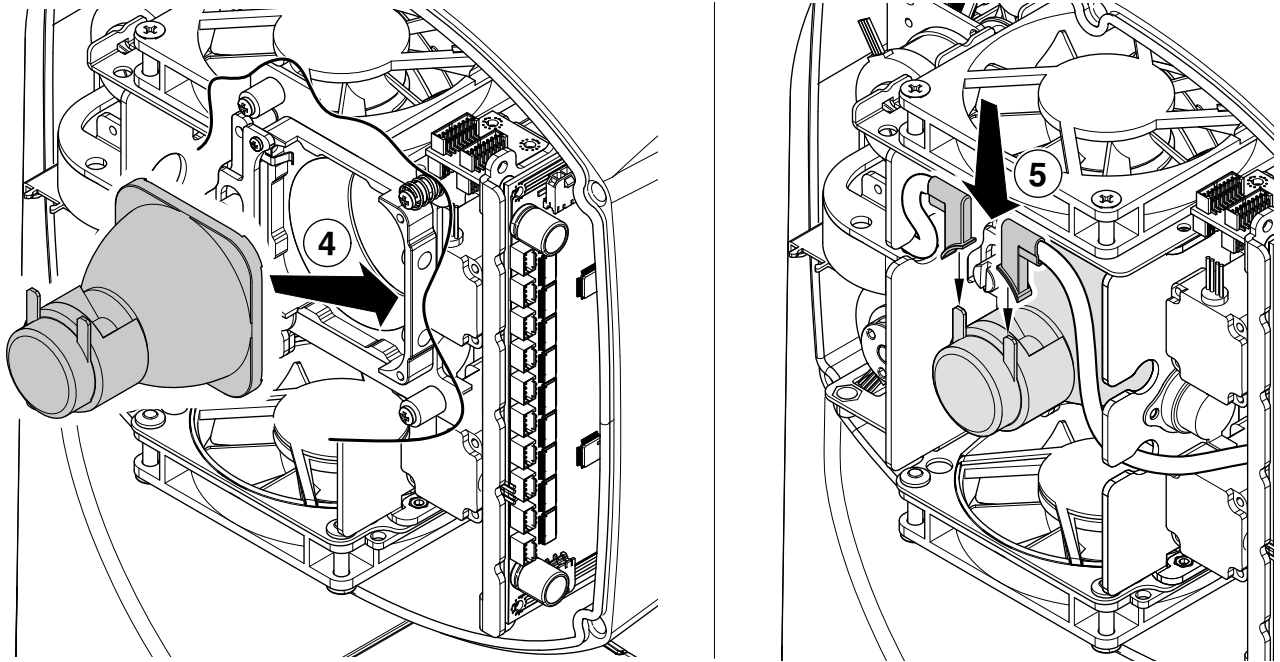
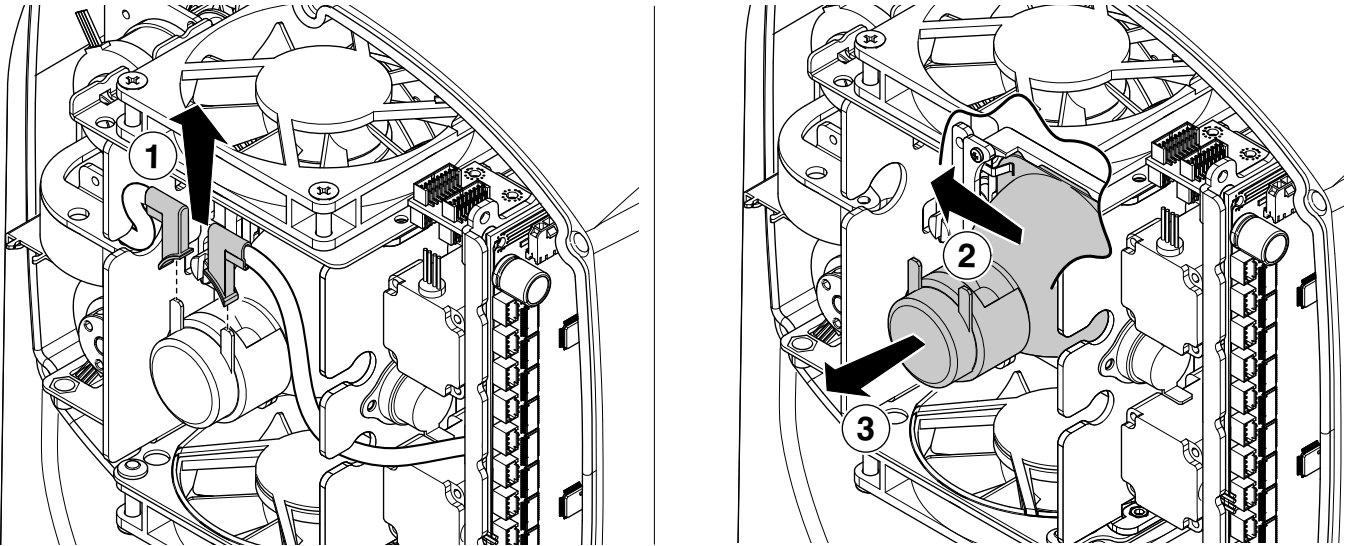
4.3 Lamp replacement / adjustment

13



Remove the back part of the fixture (1;2) - Fig. 13

14

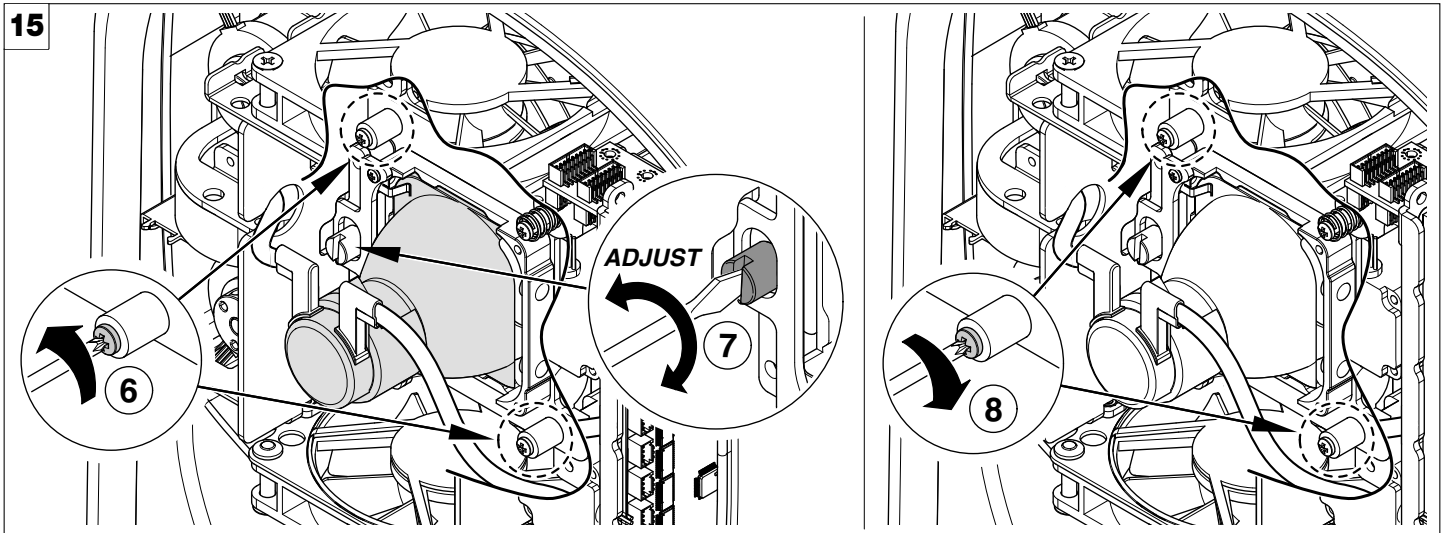


Lamp change - Fig. 14

To Lamp change.

Remove the wirings (1) and replace the lamp (2,3). Take the new lamp out of its package, insert it in the fitting (4) and re-connect the wirings (5).

WARNING: do not touch the lamp's envelope with bare hands. Should this happen, clean the bulb with a cloth soaked in alcohol and dry it with a clean, dry cloth.



Lamp regulation - Fig. 15

To centre the lamp, turn the adjusting screw as shown in the figure (6,7,8)

WARNING: The lamp must be adjusted with the projector switched off. After adjusting, close the back cover, switch-on the projector and check that the adjustment has been correctly made. If necessary, switch-off the projector, remove the back cover and repeat lamp adjustment.

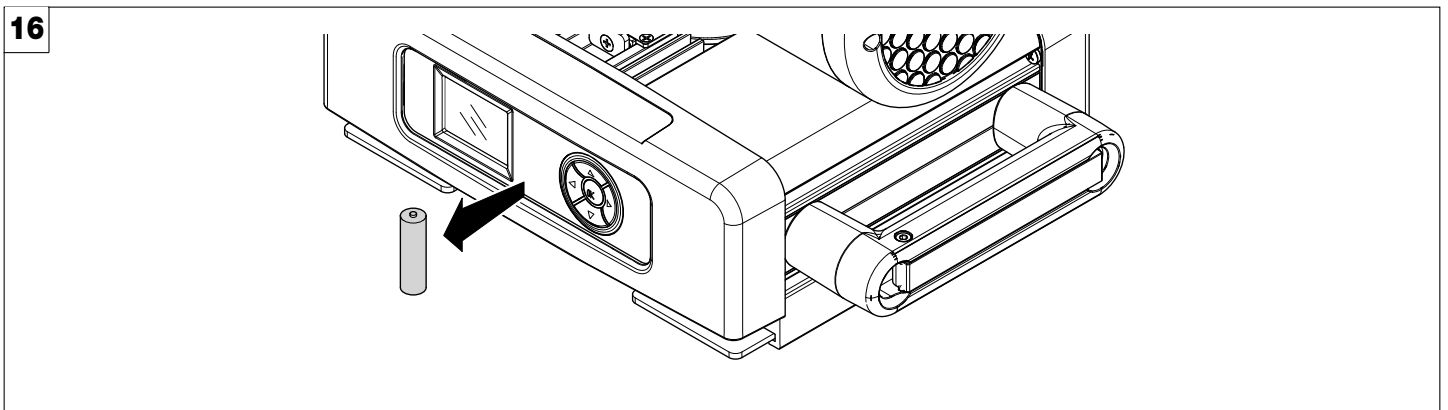
REMARK:

- Lifetime of the lamp will be influenced by the switching cycle.
- After a successful starting, attempt to keep the lamp burning for at least 15 minutes in order to complete the chemical cycle of the lamp to secure the lifetime.

WARNING:

- The projector needs to be positioned so that the objects hit by the beam of light are at least 5 metres from the lens of the projector.

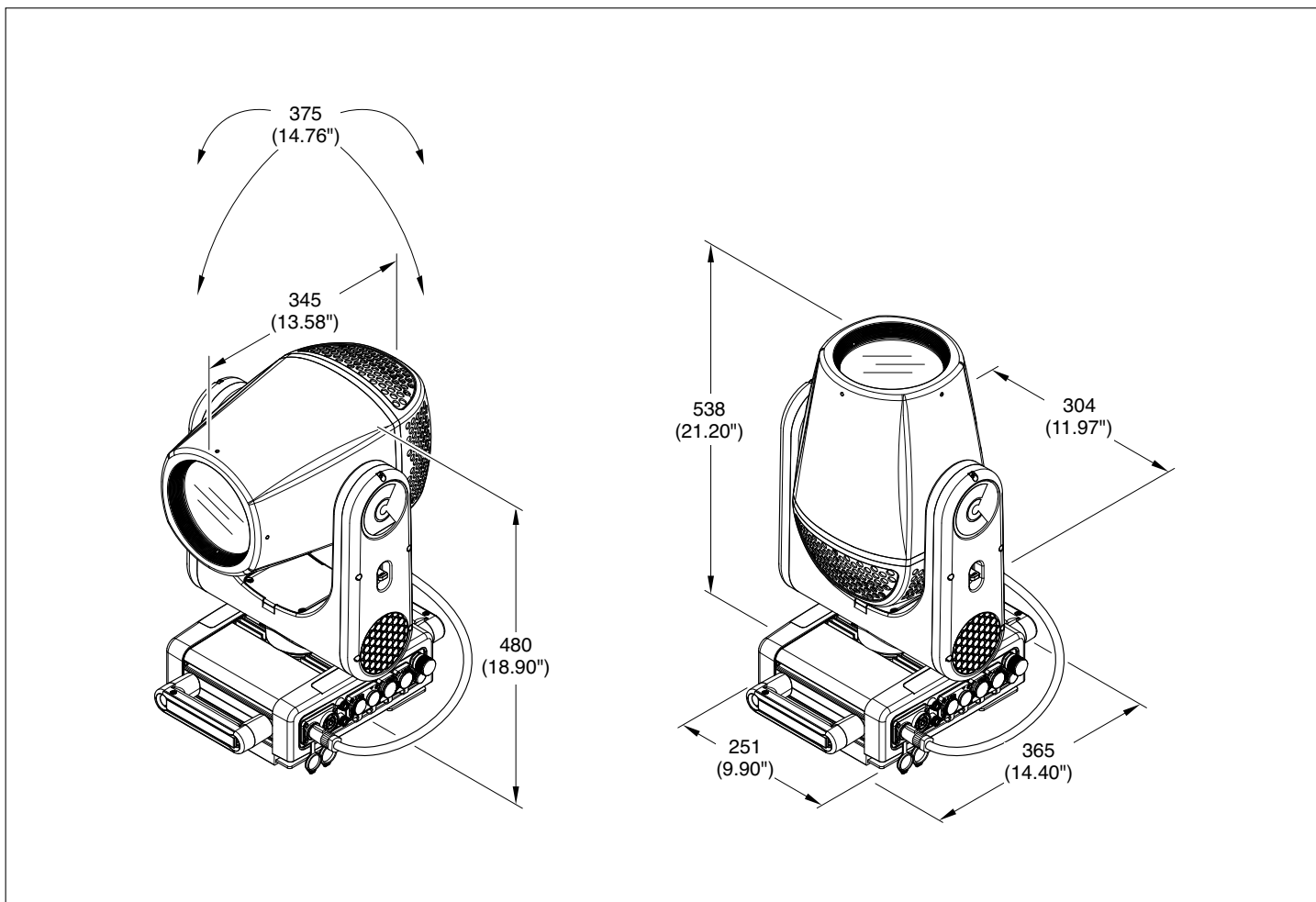
4.5 Battery removal



Battery removal - Fig. 16

- This product contains a rechargeable battery. To preserve the environment, please dispose the battery at the end of its life according to the regulation in force.
- Claypaky guarantees the insulation of its contacts during the transport, required in IATA SP A199, with the removal of the fuse located on the battery power supply circuit.

5. DIMENSIONS



Cause and solution of problems

THE PROJECTOR WILL NOT SWITCH ON			PROBLEMS
ELECTRONICS NON-OPERATIONAL			
DEFECTIVE PROJECTION			
REDUCED LUMINOSITY			
		POSSIBLE CAUSES	CHECKS AND REMEDIES
●		No mains supply.	Check the power supply voltage.
●	●	Lamp exhausted or defective.	Replace the Lamp. (See instructions).
●		Signal transmission cable faulty or disconnected.	Replace the cables.
●		Incorrect addressing.	Check addresses (see instructions).
●		Fault in the electronic circuits.	Call an authorized technician.
	●	Lenses broken	Call an authorized technician.
	● ●	Dust or grease deposited.	Clean (see instructions).

