CLAYPAKY
AN ARRI COMPANY

AXCOR PROFILE 600 - AXCOR PROFILE 600 HC
AXCOR PROFILE 600 ST
AXCOR PROFILE 600 HC-ST

C61705
C61706
C61708
C61709

INSTRUCTION MANUAL

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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 recommends you carefully read and keep the safety information on this product, also available in digital format at the following link:
www.claypaky.com
Ref: [FIS00W - Safety Information Axcor 600 series]

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: [FIS00W - Safety Information Axcor 600 series]

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: [FIS00W - Safety Information Axcor 600 series]

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: [FIS00W - Safety Information Axcor 600 series]

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. : [FIS00W - Safety Information Axcor 600 series]

RU

ИНСТРУКЦИЮ ПО ТЕХНИКЕ БЕЗОПАСНОСТИ
ВАЖНО: Claypaky рекомендует внимательно прочитать и сохранить инструкцию по технике безопасности данного изделия, которая всегда доступна в электронном формате по следующей ссылке:
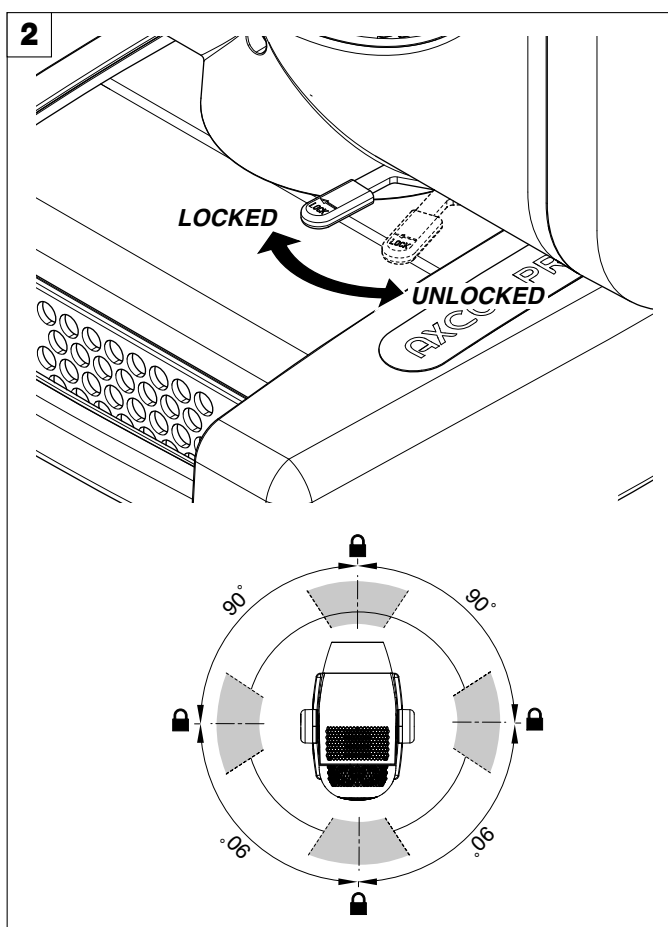**www.claypaky.com**
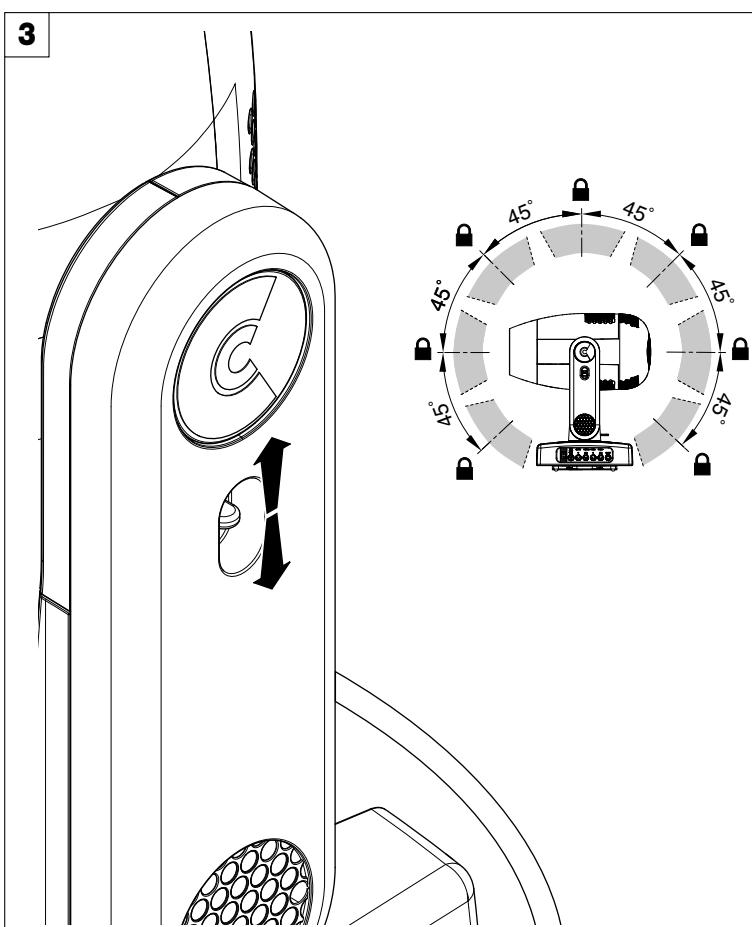Наименование: [FIS00W - Safety Information Axcor 600 series]

1

2 x 183102/805
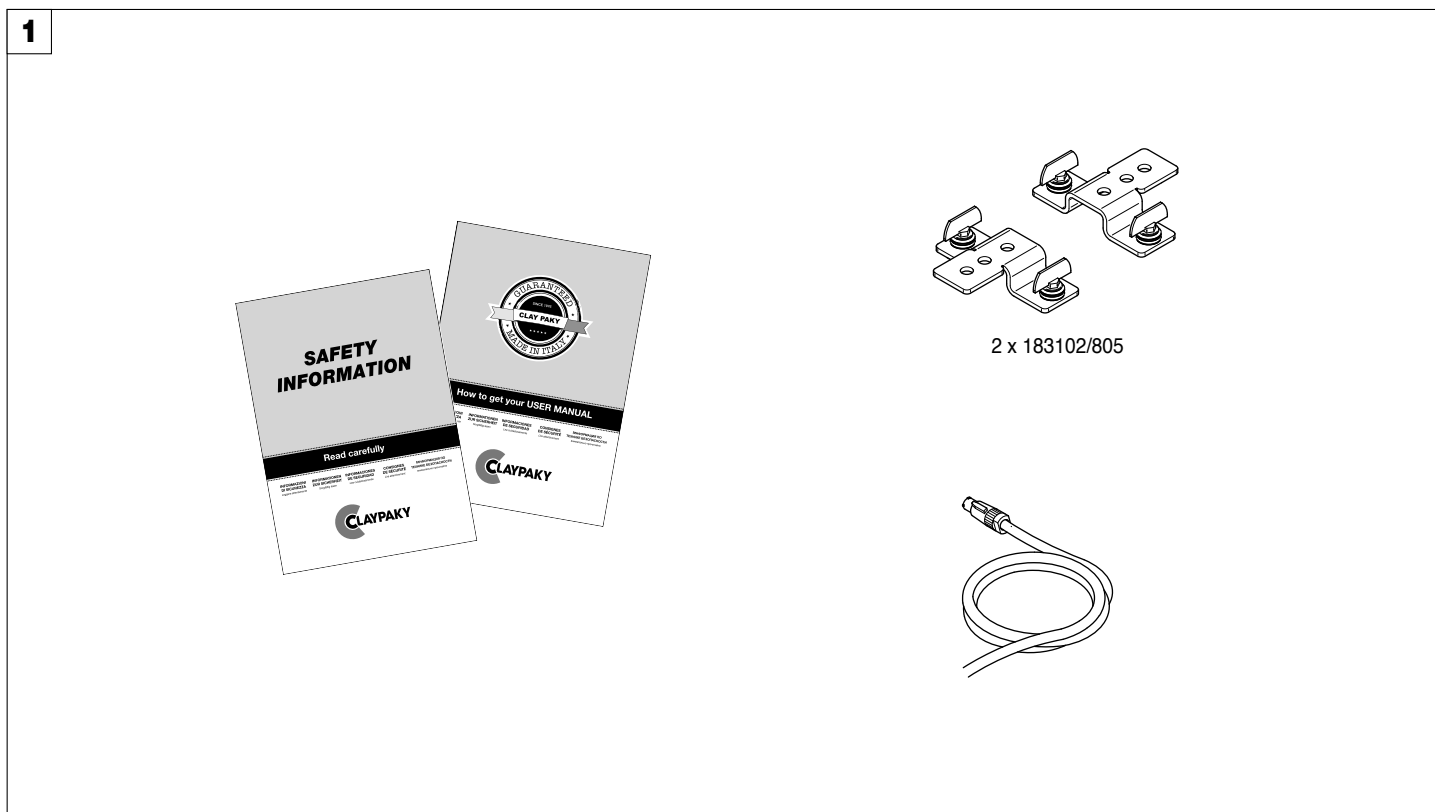
Packing contents - Fig. 1

2

LOCKED
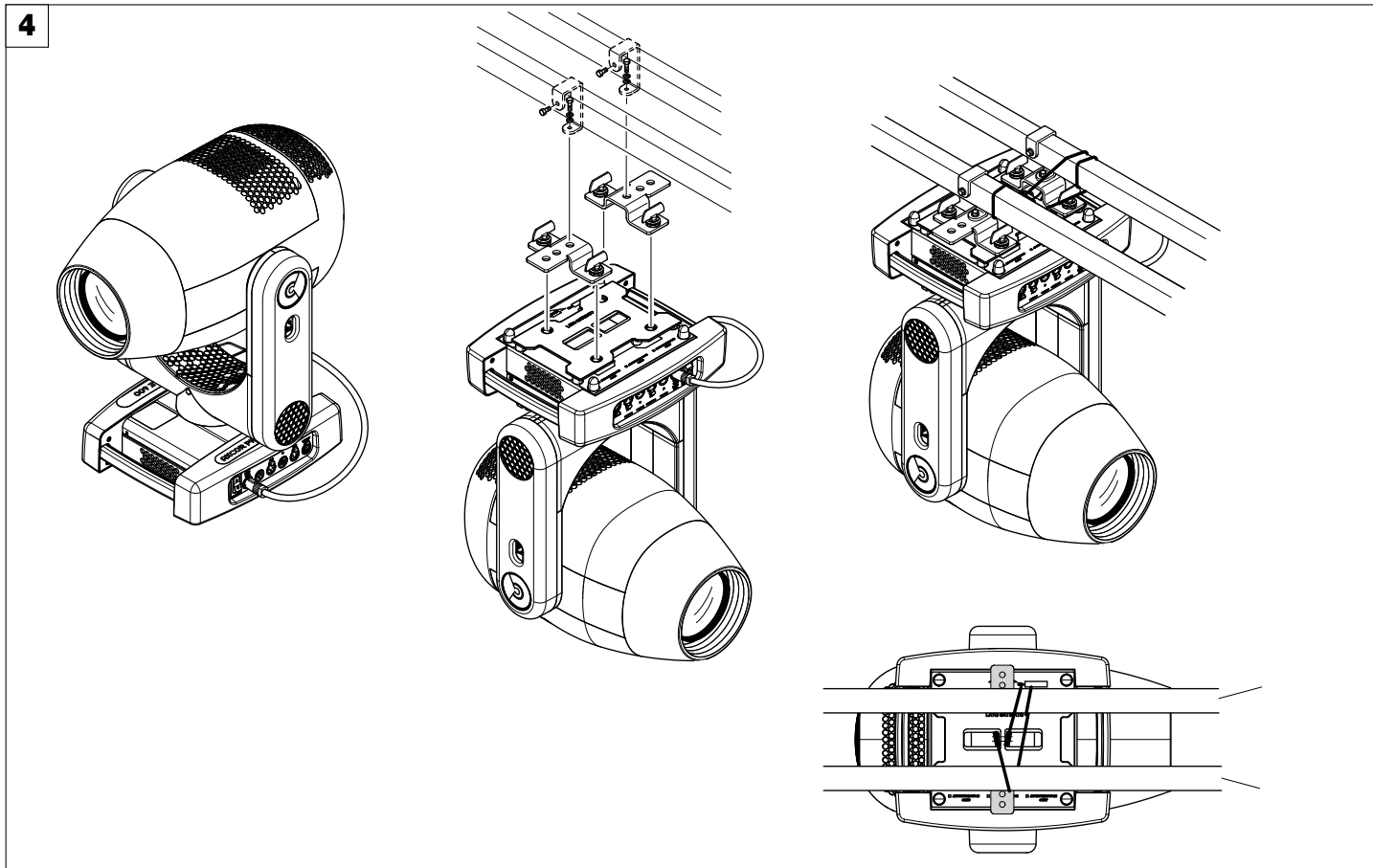
UNLOCKED

90°   90°

90°   90°

3

45°   45°

45°   45°

45°   45°

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

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

## 3.1 Installing the fixture
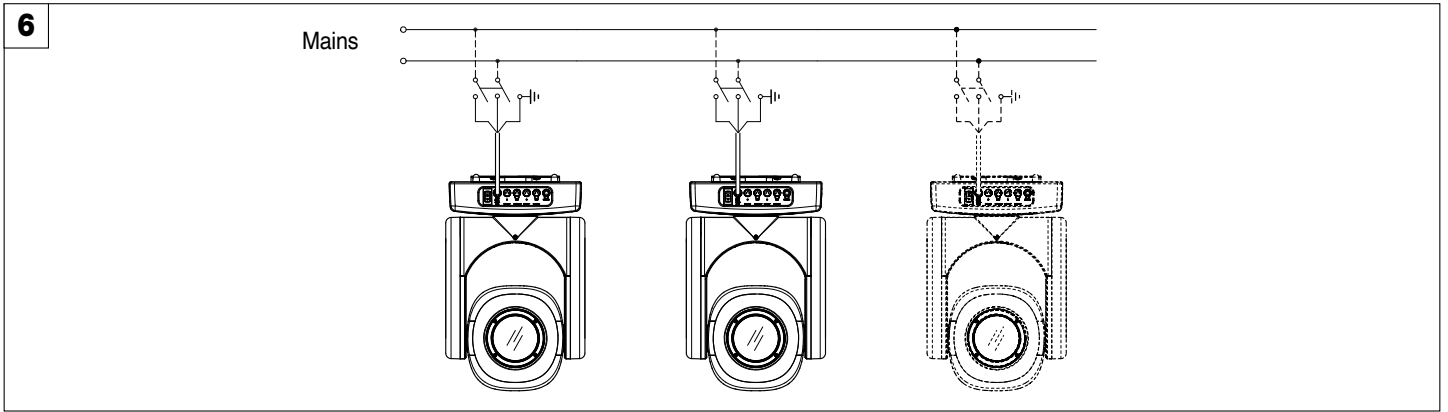

Installing the projector - Fig. 4

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. 105041/001 available on request).*
This must be securely fixed to the support structure of the projector and then connected to the fixing point at the centre of the base.
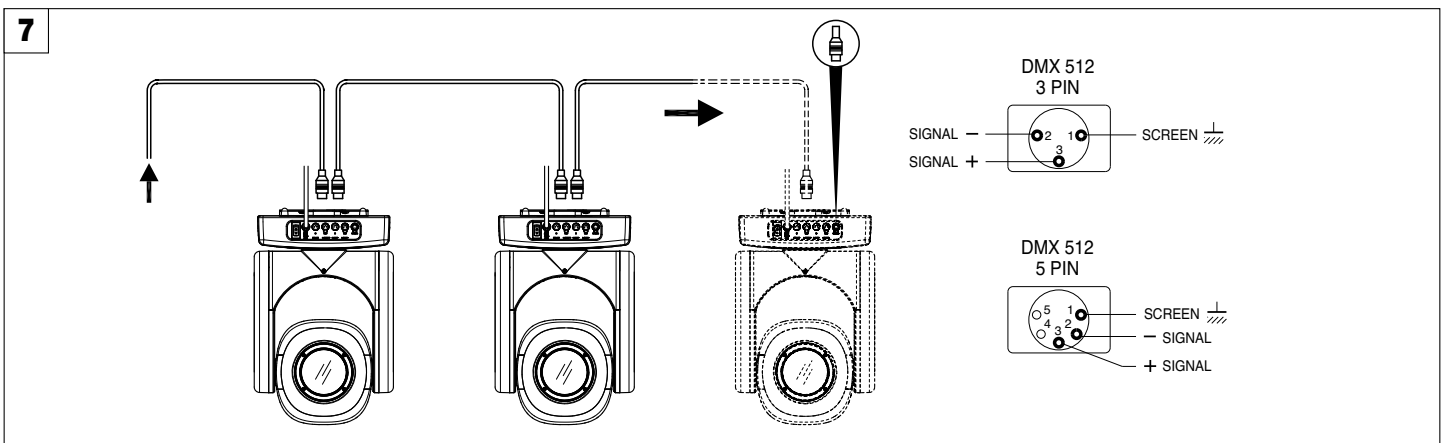
3.2 Connecting to manis supply
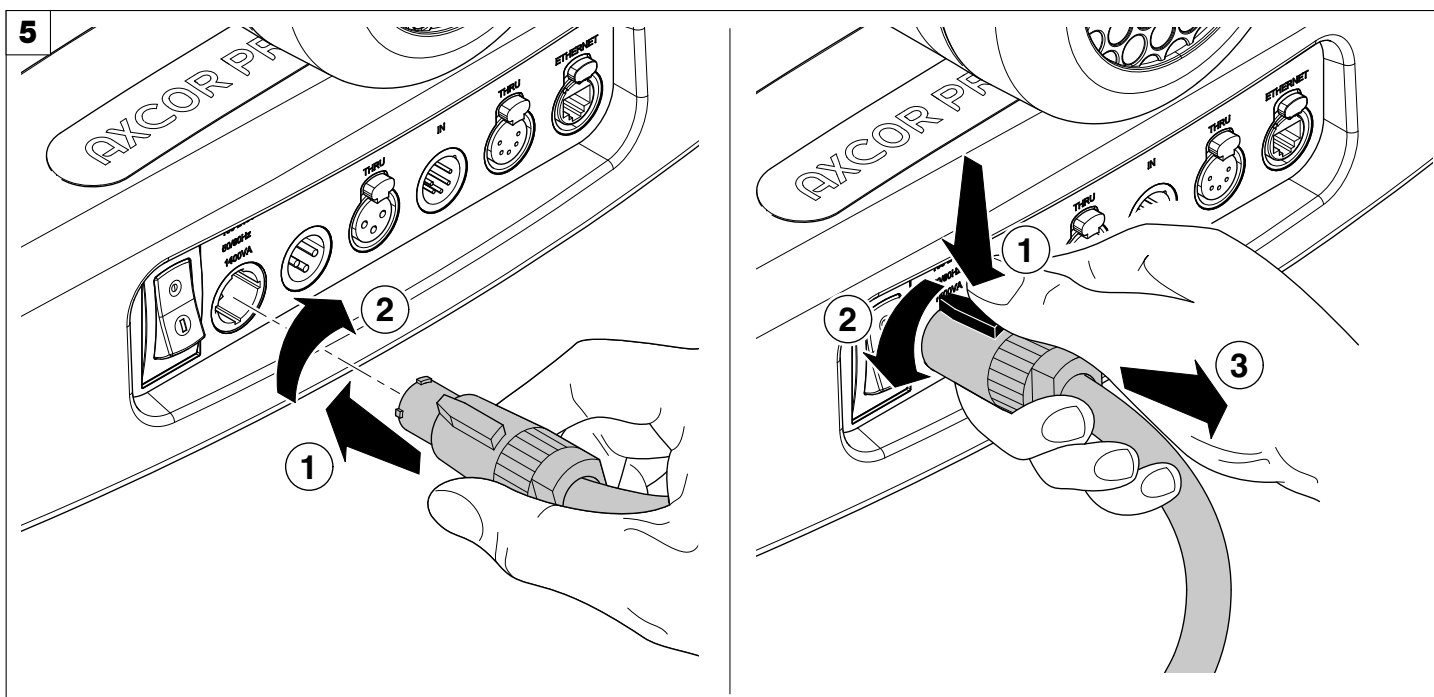
Connecting and disconnecting power cable - Fig. 5

6

Mains

Connecting to the mains supply - Fig. 6

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

7

DMX 512
3 PIN

SIGNAL − ⊙2 1⊙ SCREEN
SIGNAL + 3⊙

DMX 512
5 PIN

SCREEN
− SIGNAL
+ SIGNAL

Connecting to the control signal line (DMX) - Fig. 7
Use a cable conforming to specifications EIA RS-485: 2-pole twisted, shielded, 120Ohm characteristic impedance, 22-24 AWG, low capacity. Do not use microphone cable or other cable with characteristics differing from those specified. The end connections must be made using XLR type 3 or 5 pin male/female connectors. A terminating plug must be inserted into the last projector with a resistance of 120Ohm (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

8

Fixture ID

Dmx Address

Warning Message
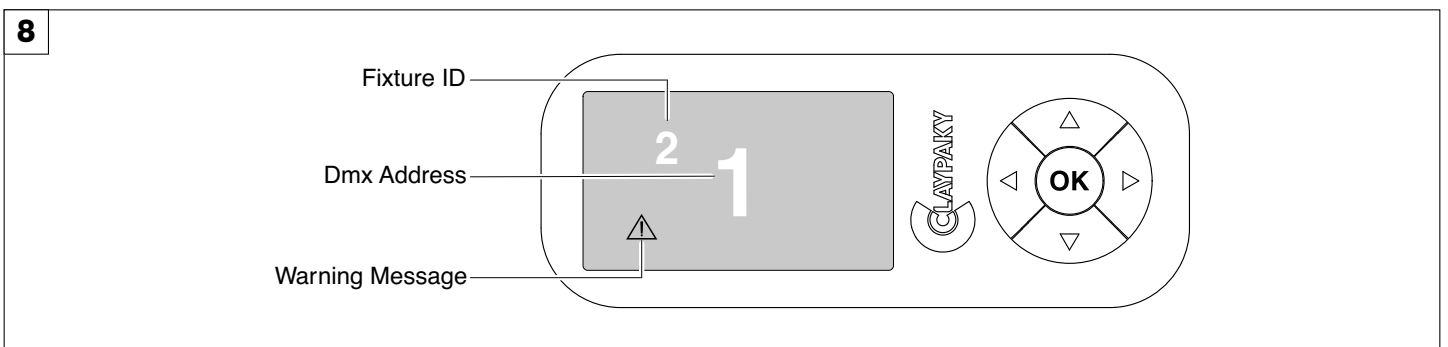
Switching on the projector - Fig. 8
Press the switch. The projector starts resetting the effects. At the same time, the following information scrolls on the display:

	Model Axcor 600	Firmware Version X.X.X Date - Hour	xxx (Fixture ID) Dmx Address xxx	System errors E: .... W: ....
CLAYPAKY AN ARRI COMPANY				

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 and the Fixture ID address (if set).
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 than when this condition occurs, any possible value that has been modified but not yet confirmed with the ⊛ key will be cancelled.
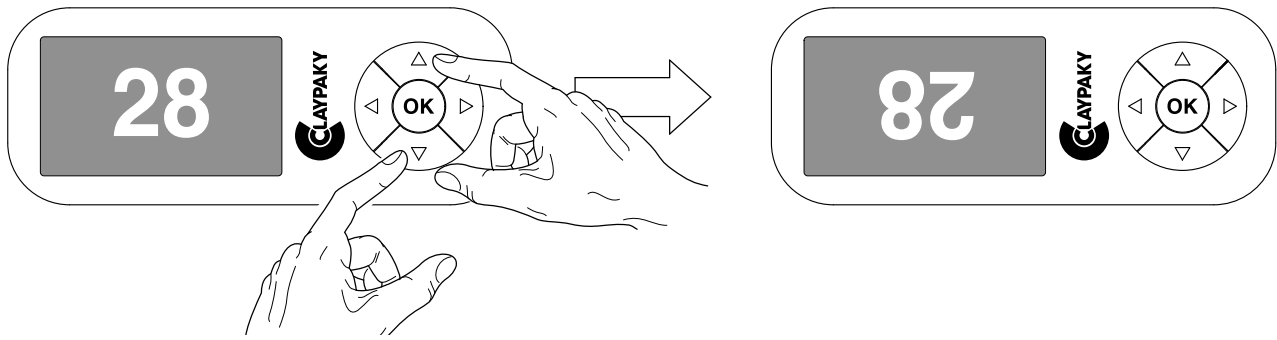
Reversal of the display - Fig. 9

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.

Setting the projector Fixture ID

On each projector, the Fixture ID address must be set for an easy identification of the fixtures in an installation (ID from 1 to 255).

The Fixture ID address can be set with the projector switched off.

Functions of the buttons - Using the menu
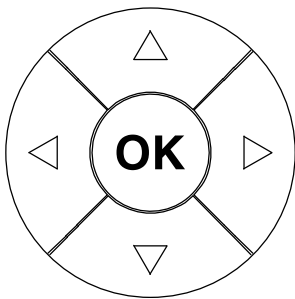
(OK)	Confirms the displayed value, or activates the displayed function, or enters the successive menu.	
⊙ DOWN	Decreases the value displayed (with auto-repetitions) or passes to the next item in the menu.	
⊙ UP	Increases the value displayed (with auto-repetitions) or passes to the previous item in a menu.	
◀ LEFT	Return to the top level	
▶ RIGHT	Commute from units, tens, hundreds, in the "Address", "Fixture ID" and "Calibration" menù.	

USING THE MENU:

1) Press ⊙ 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

　• Informations (Informations 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 functionning of effects

　• Advanced (Advanced Menu): Access to the "Advanced menu" is recommended for a 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's 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 ⊙ 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.
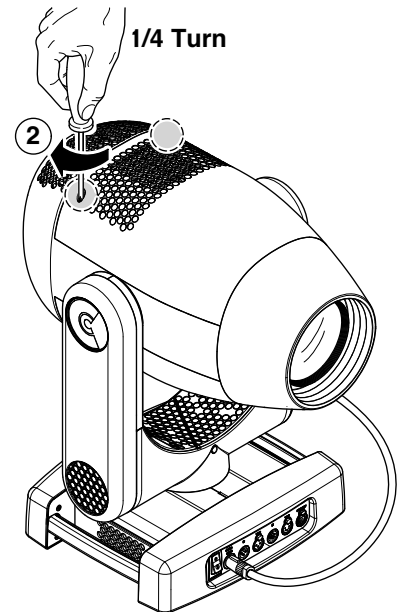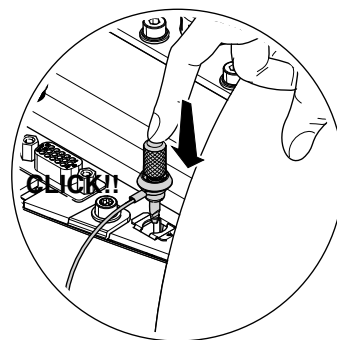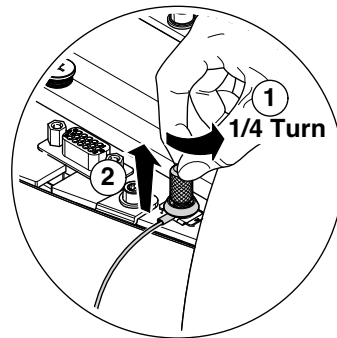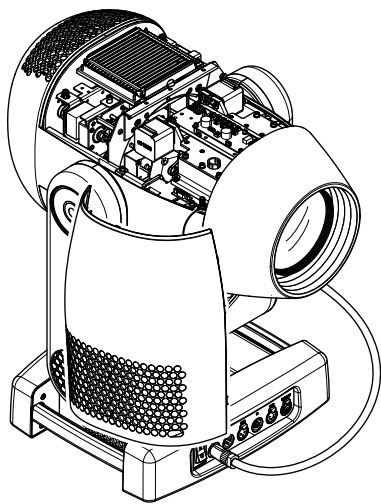
10

1/4 Turn

11

1/4 Turn

CLICK!!
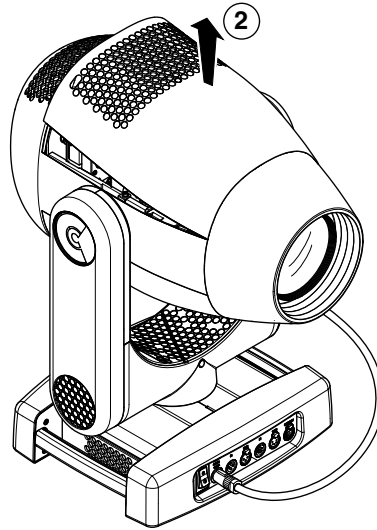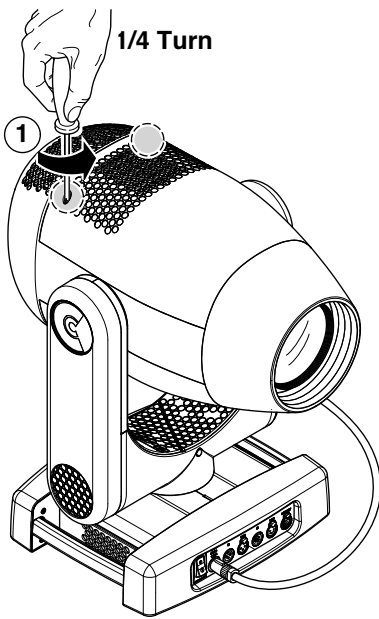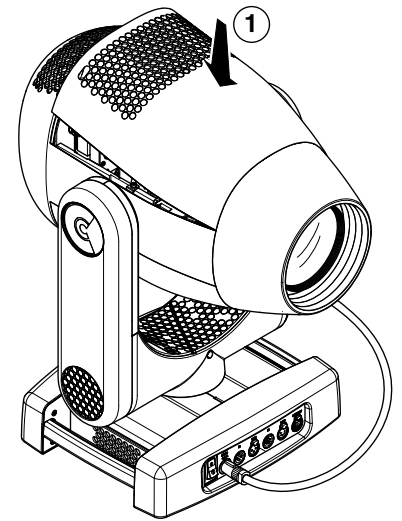
Locking and releasing Pan and Tilt movements - Refer to the instructions in the UNPACKING AND PREPARATION section.
Opening the head covers - Fig. 10.
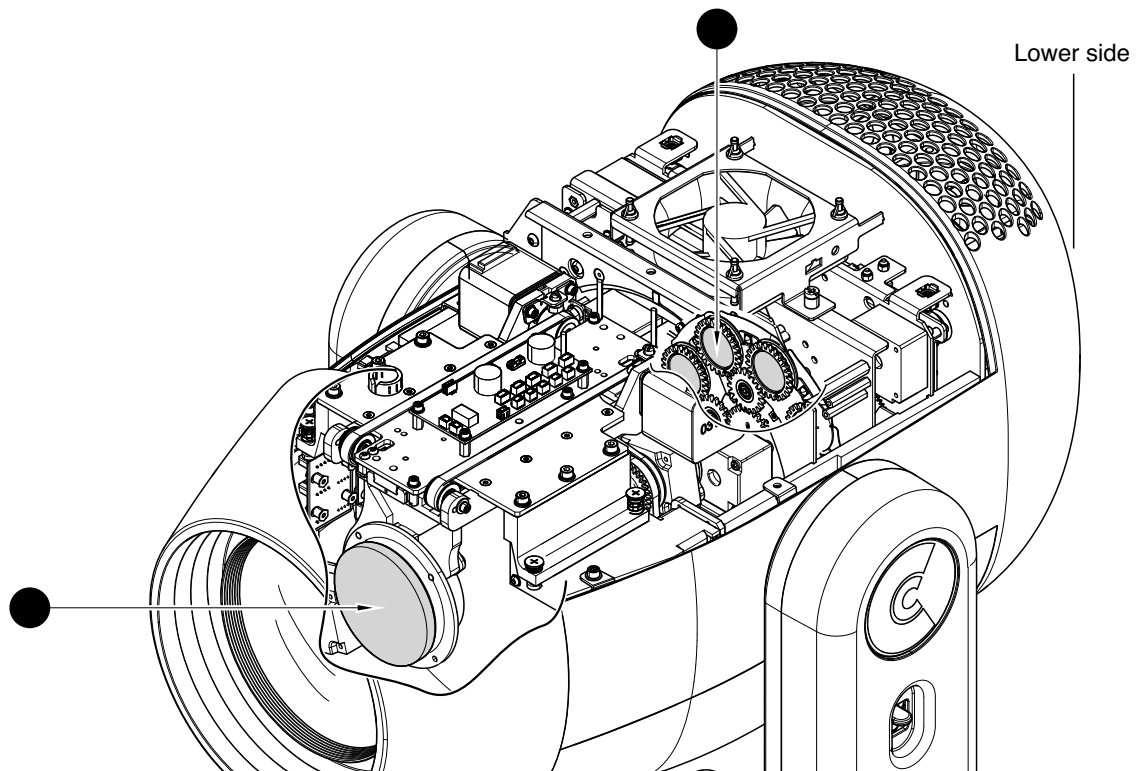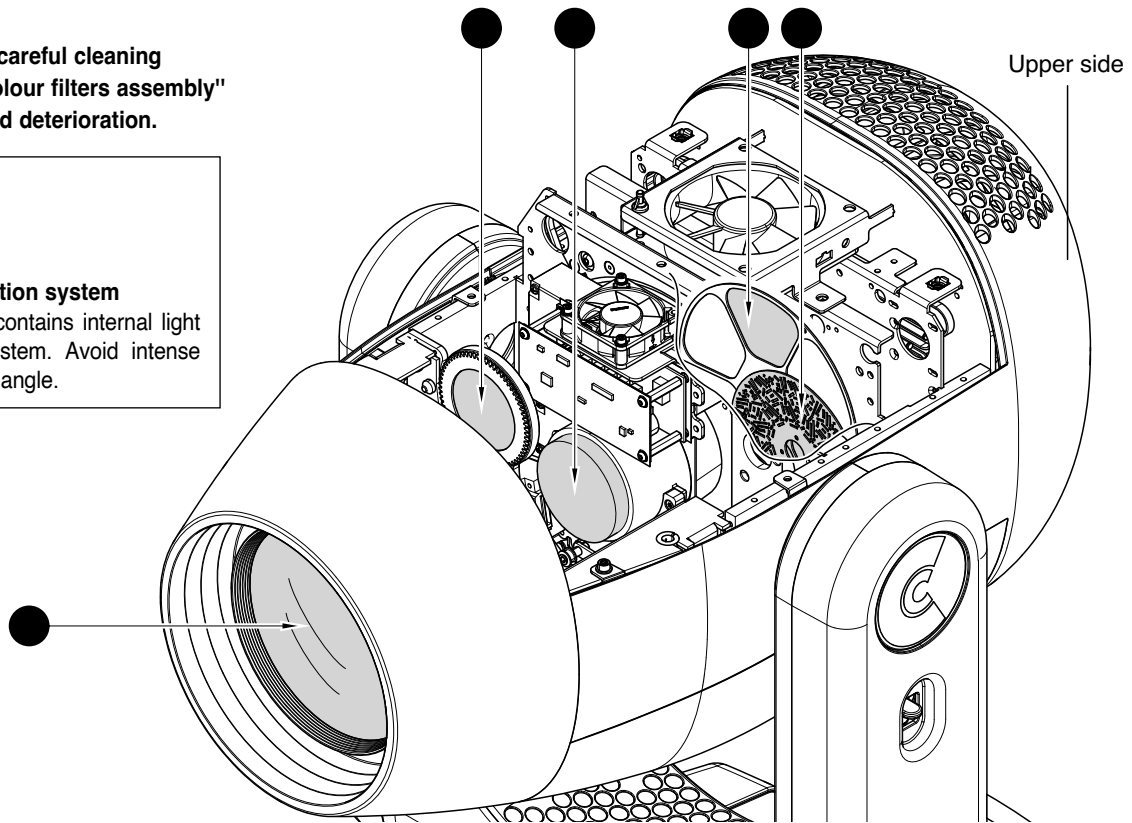
Closing the head covers - Fig. 11.

12

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

Light collimation system
This product contains internal light collimation system. Avoid intense light from any angle.

Upper side

Lower side

Periodical cleaning - Fig. 12

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.
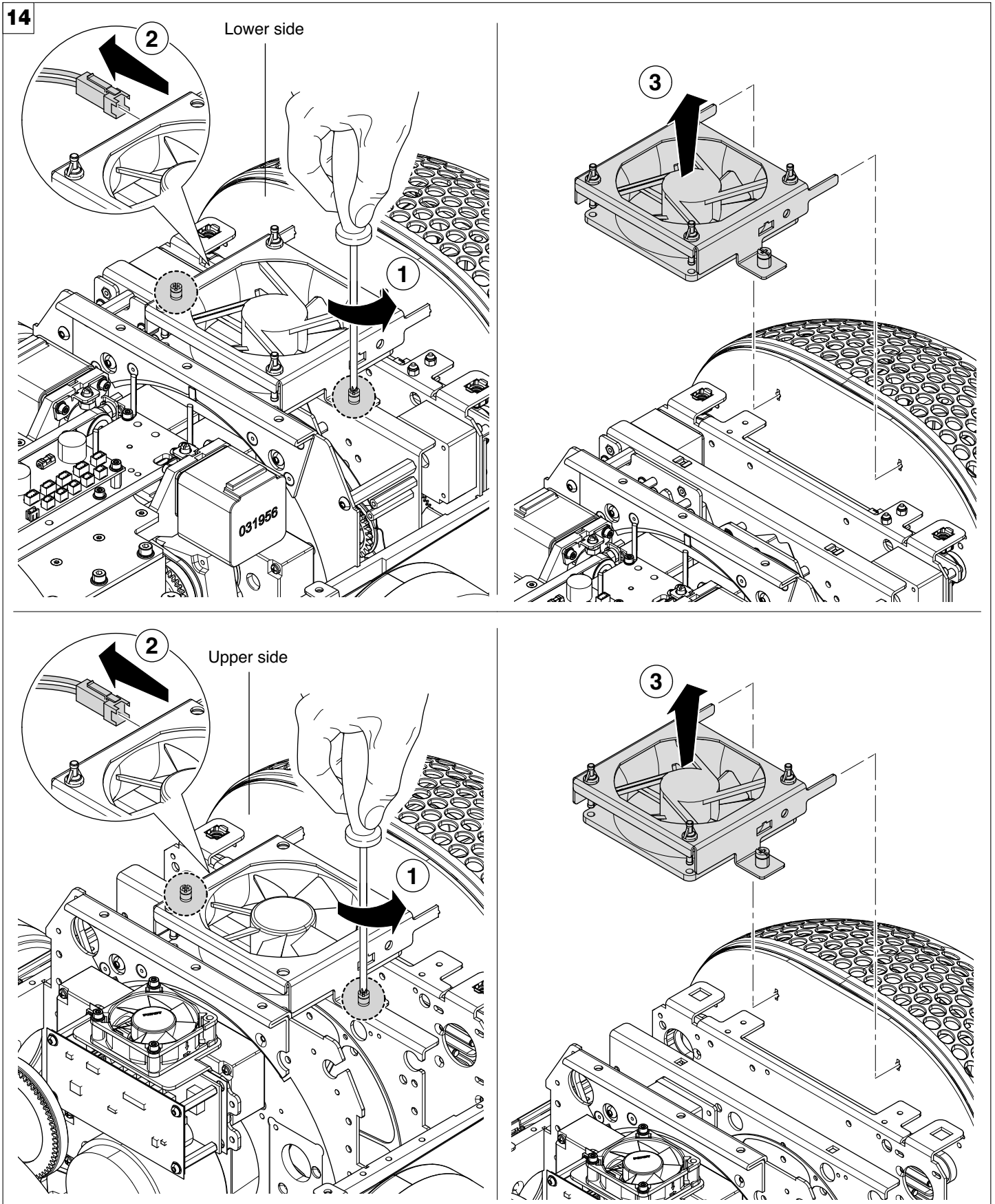
4.3 Effects module removal

13

Lower side

Upper side
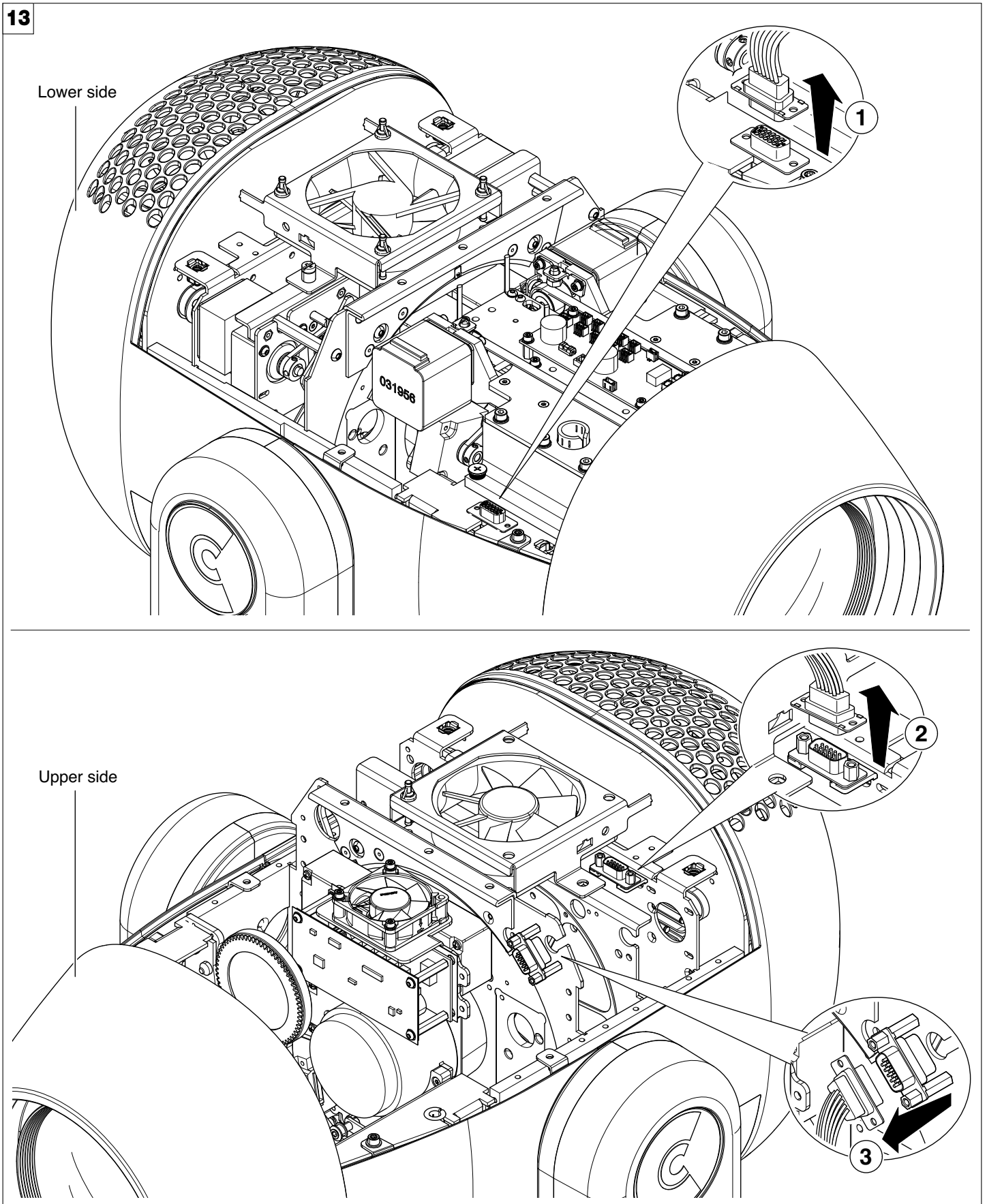
Extraction of the effect modules: Preliminary operations - Fig. 13.

NOTE:

- Do not disconnect wiring harnesses when the fixtures is switched-on, to avoid to damage electronic boards.

- Do not switch-on the fixtures with wiring harness disconnected.

14

Lower side

Upper side

Extraction of the effect modules: Preliminary operations - Fig. 14.

NOTE:

- Do not disconnect wiring harnesses when the fixtures is switched-on, to avoid to damage electronic boards.

- Do not switch-on the fixtures with wiring harness disconnected.

15

Upper side

1

2
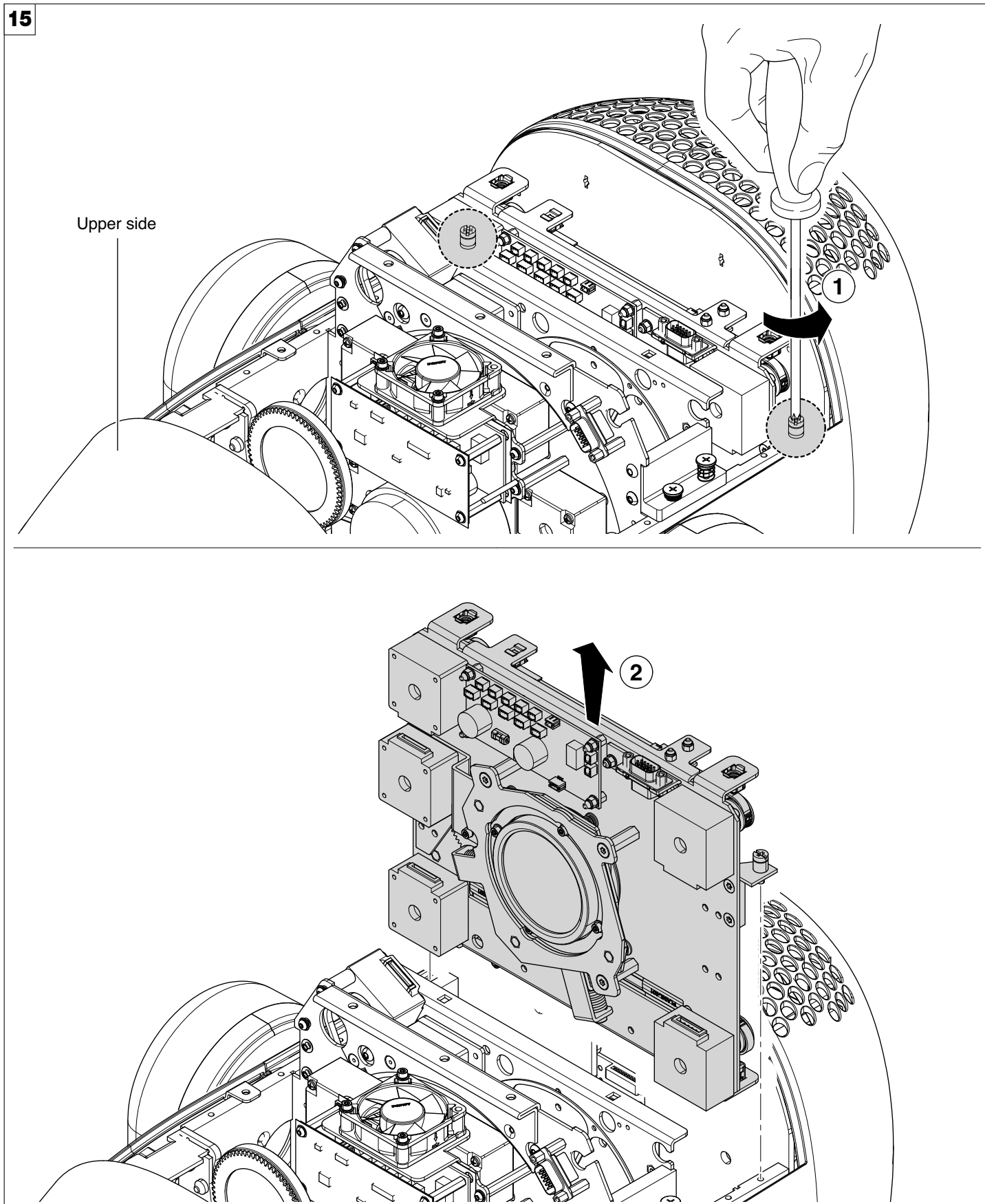
Extraction of the effect modules - Fig. 15.
IMPORTANT: Grasp the modules using the support structure and not the details which could get damaged.
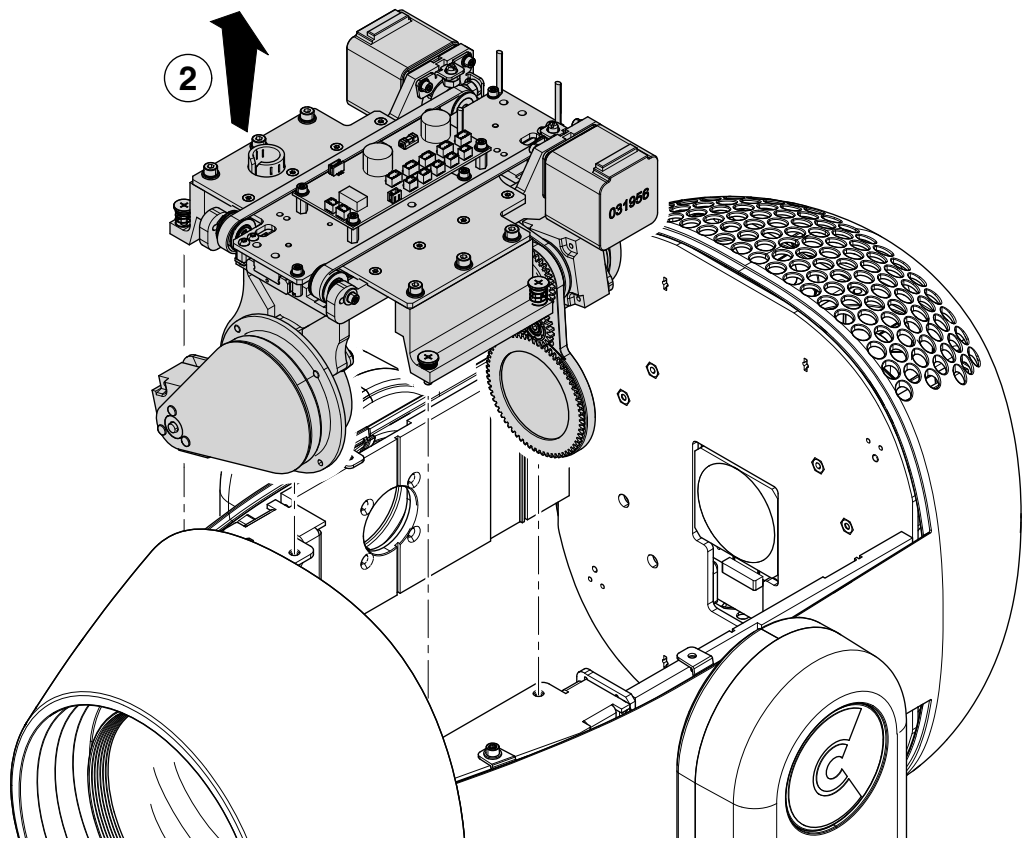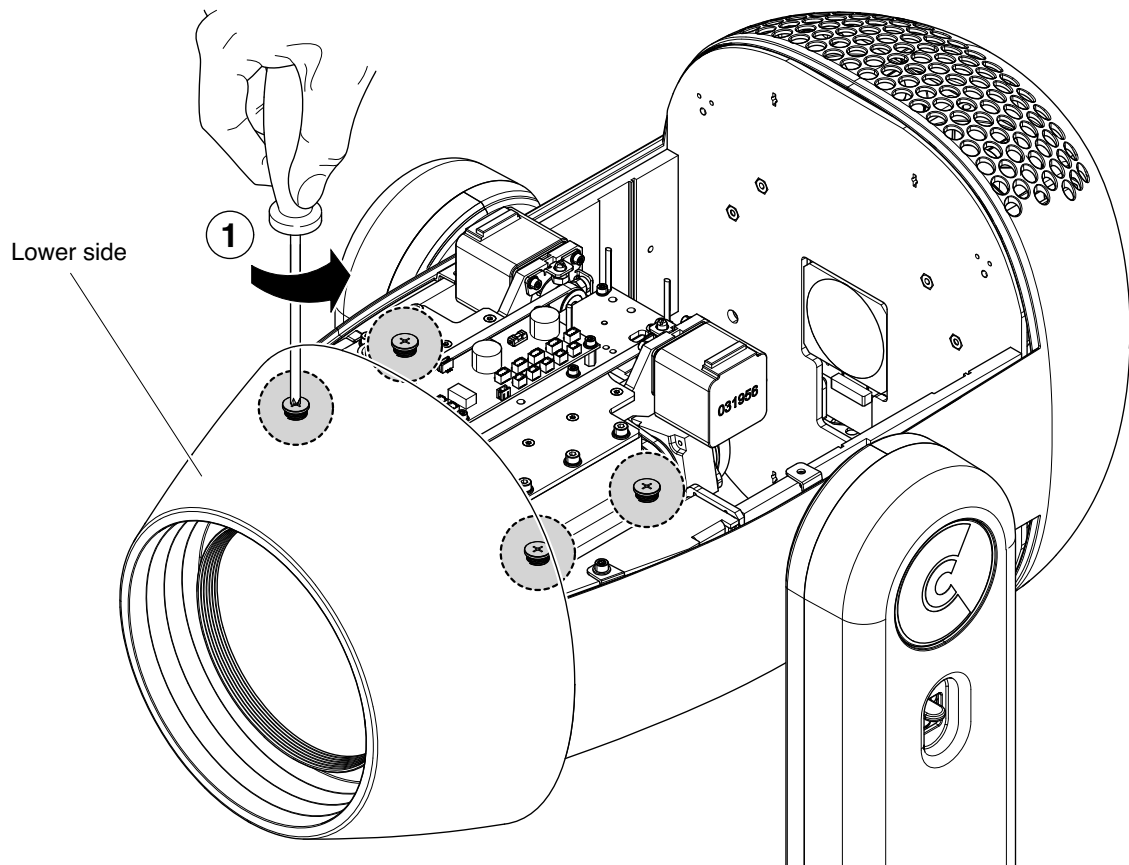**Insertion of the effect modules:** Repeat the operations indicated in Fig. 15, 16, 17 and 18 in reverse order.

16

Upper side

①

②
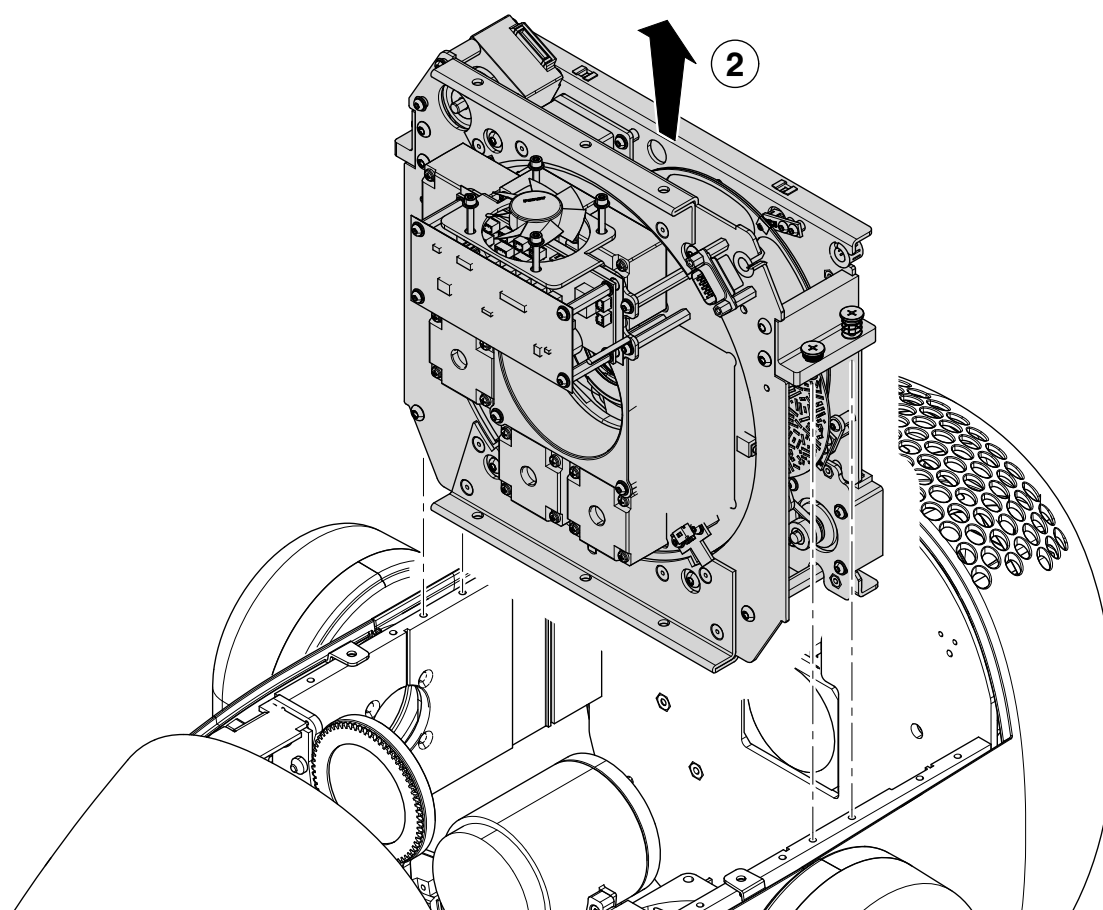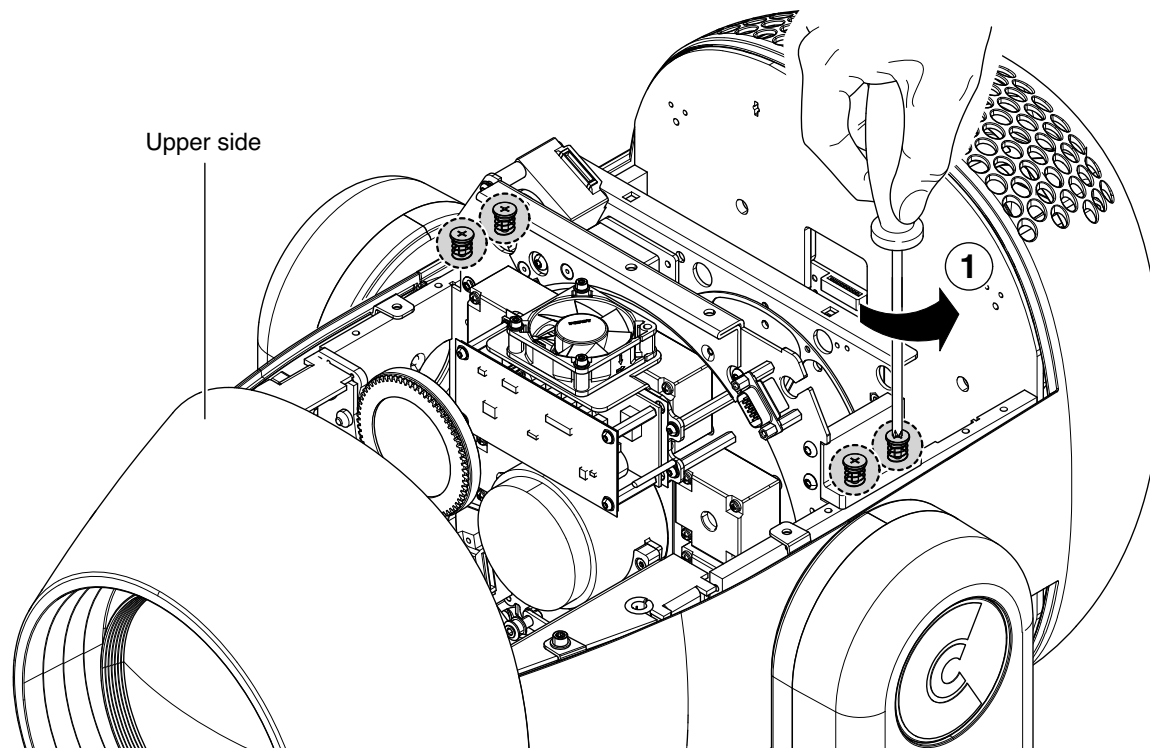
Extraction of the effect modules - Fig. 16.
IMPORTANT: Grasp the modules using the support structure and not the details which could get damaged.
**Insertion of the effect modules:** Repeat the operations indicated in Fig. 15, 16, 17 and 18 in reverse order.
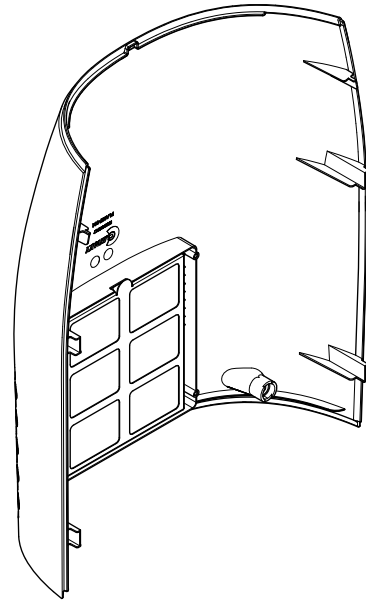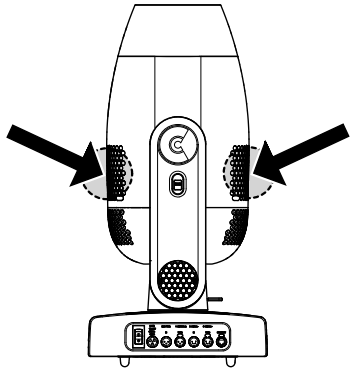
17

Lower side

Extraction of the effect modules - Fig. 17.
IMPORTANT: Grasp the modules using the support structure and not the details which could get damaged.
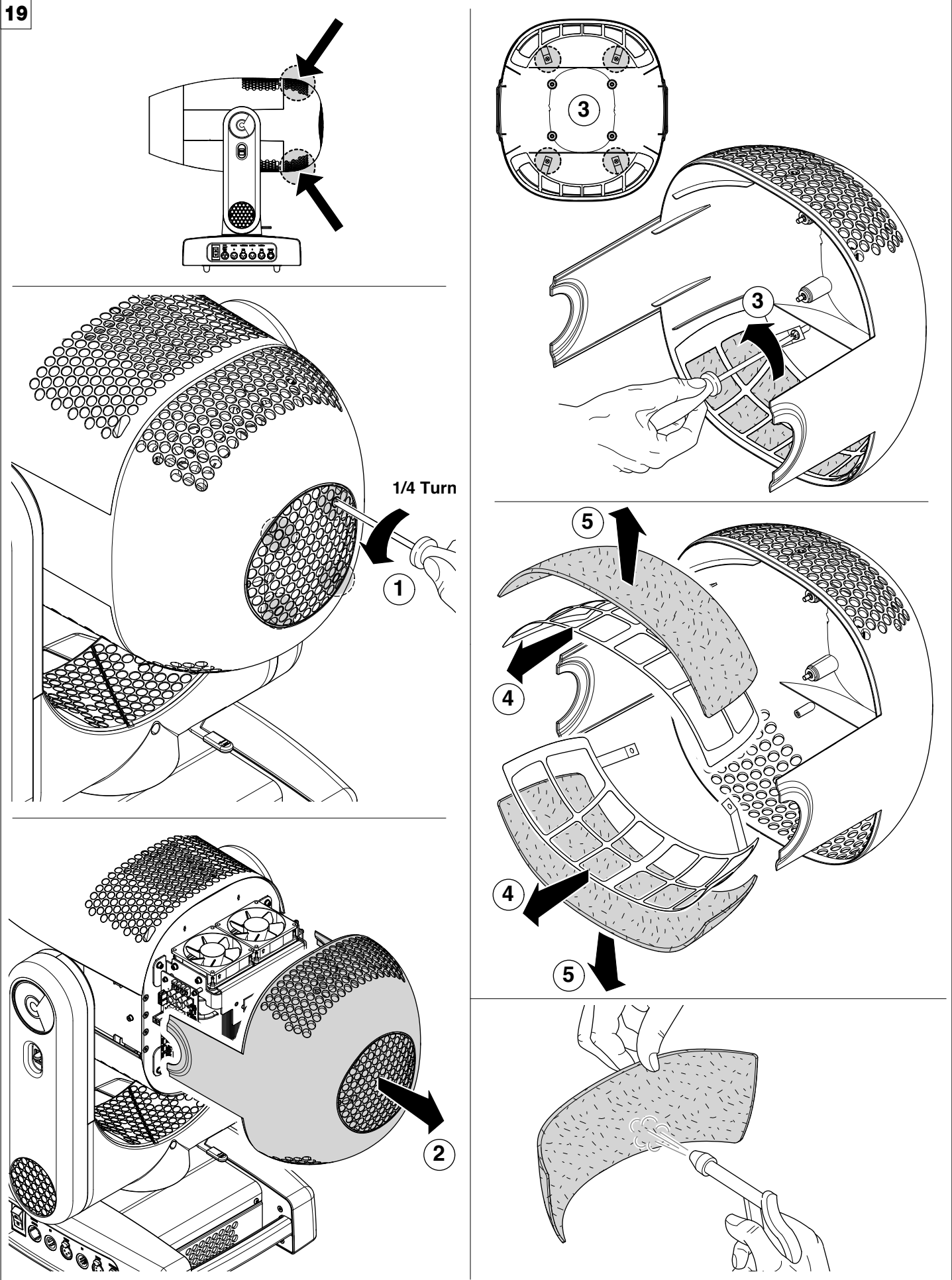**Insertion of the effect modules:** Repeat the operations indicated in Fig. 15, 16, 17 and 18 in reverse order.
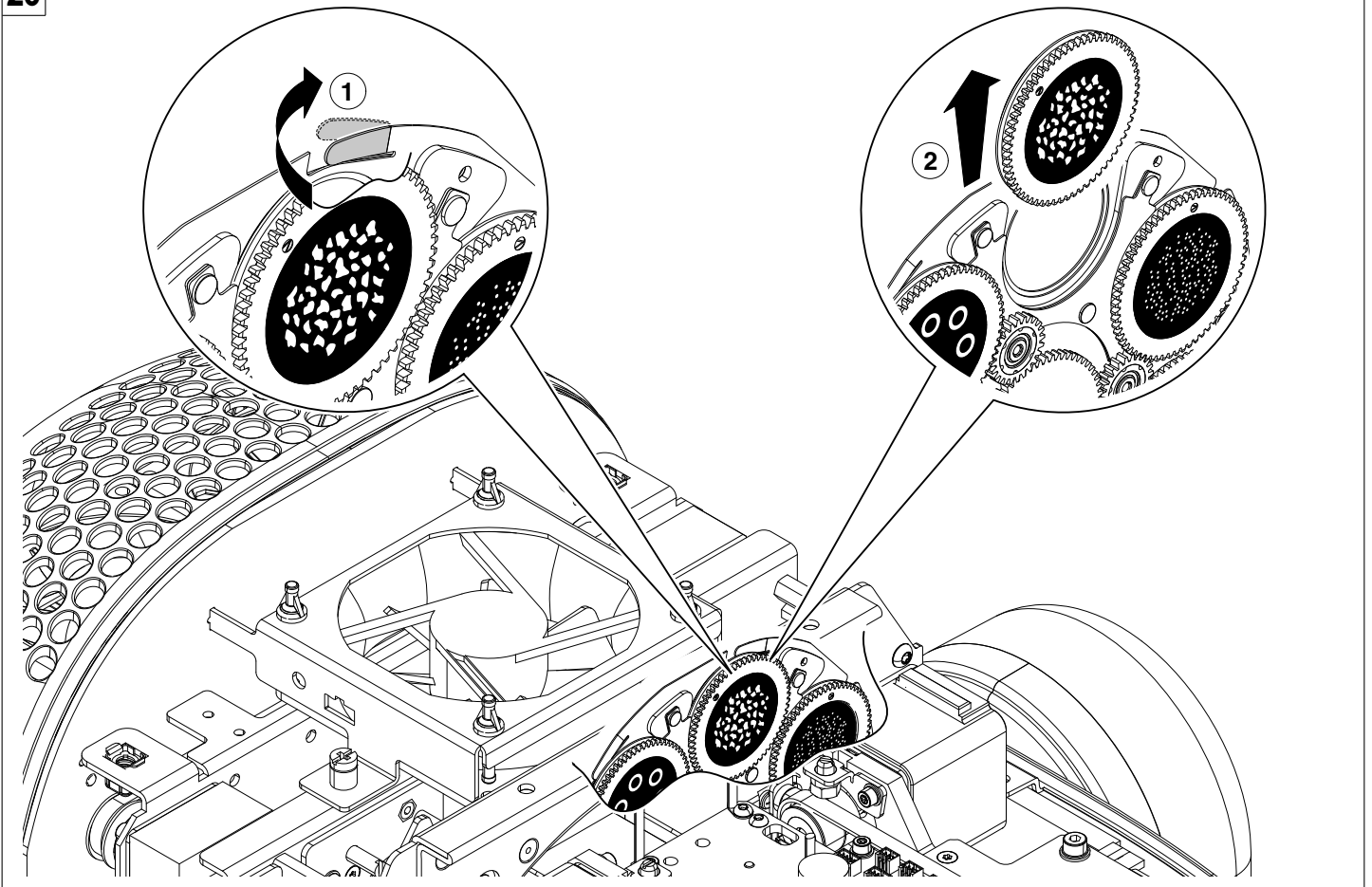
18

2

1   **1/4 Turn**

4

3
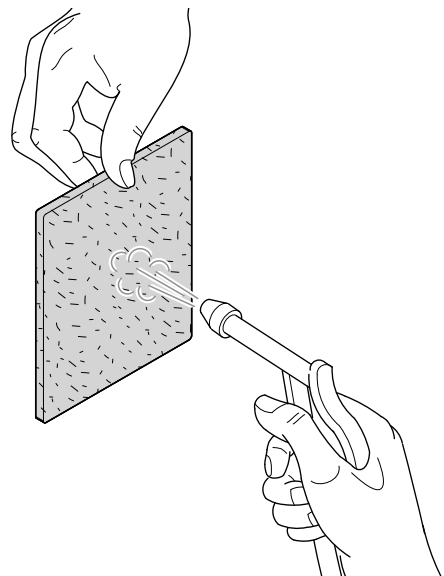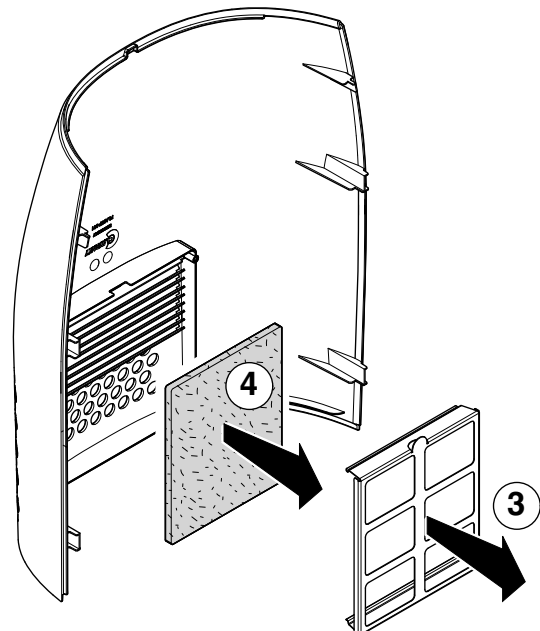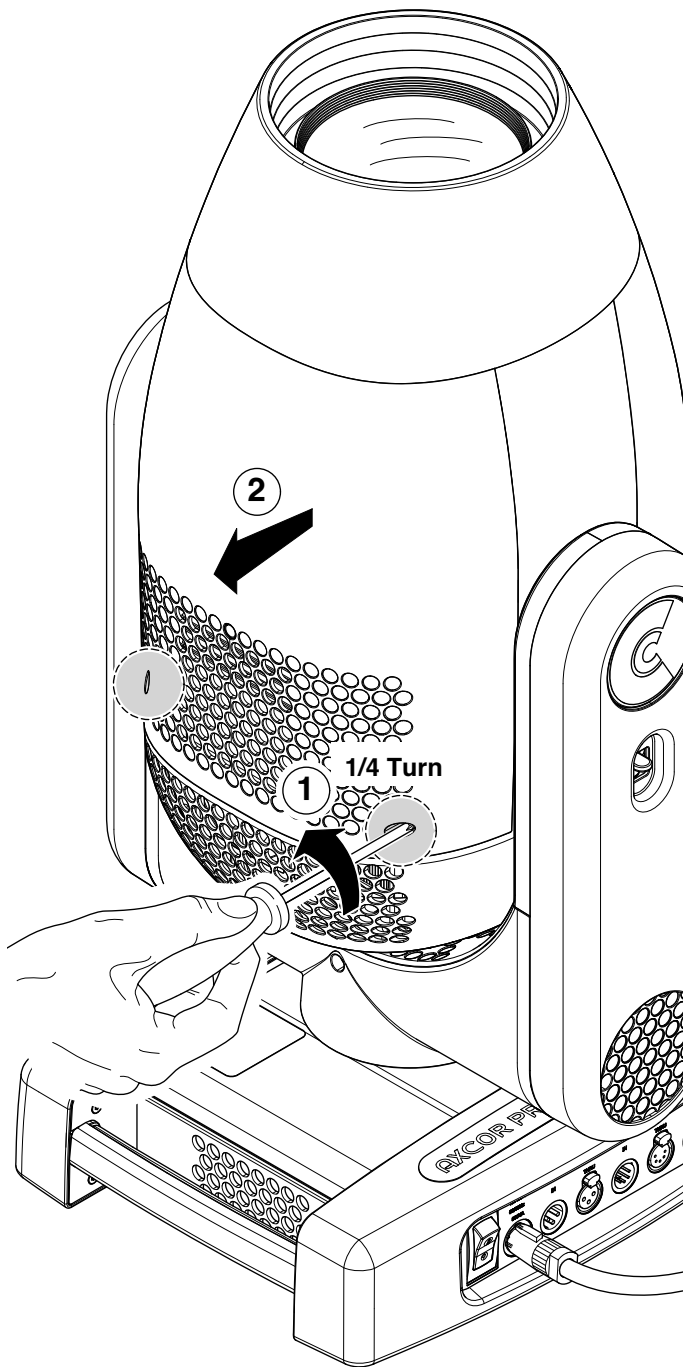
Cleaning of the filters - Fig. 18.

1/4 Turn

1

2

3

4

5

Cleaning of the filters - Fig. 19.

4.5 - Rotating gobos

20

Bearing group replacement - Fig. 20

21

GOD019/011   GOD019/012

INDEX

GOD019/010

GOD019/014

GOD019/009

GOD019/013

GOD019/008

1 ±0.1

ø25.9 ±0.1

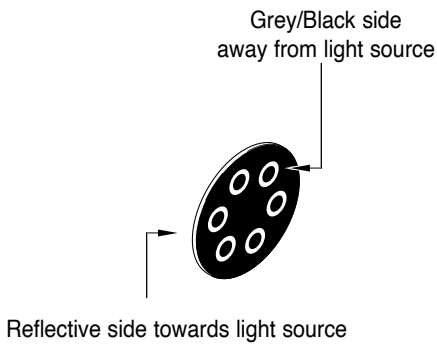Immagine ø20

25 ±0.1
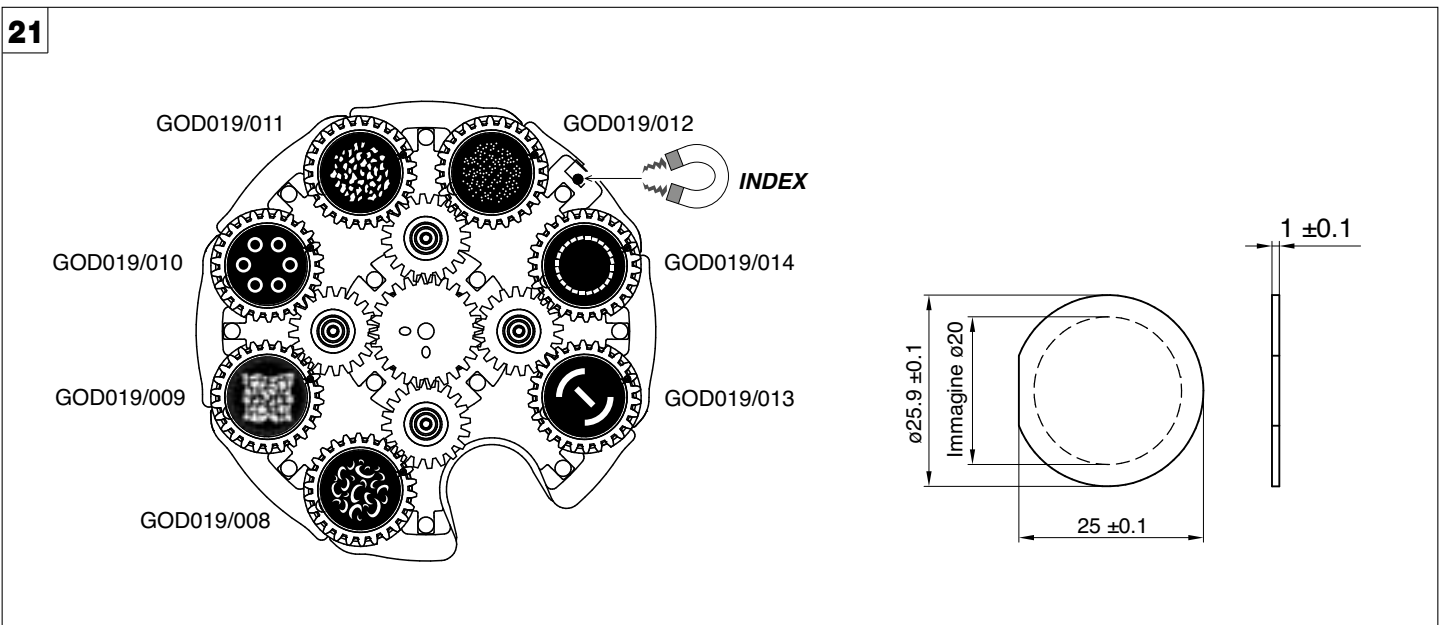
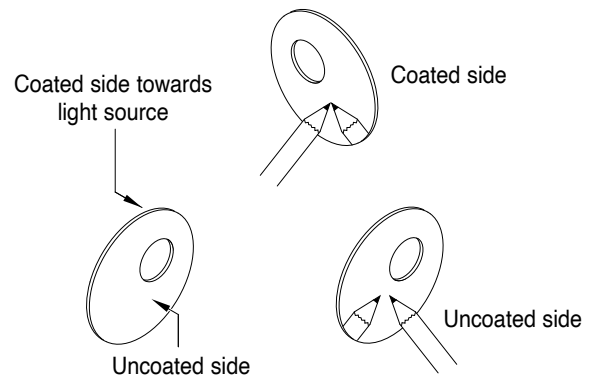**Replacing rotating gobos (max 20 mm image – thickness 1 mm)** - Fig. 21

- **Before use custom gobos contact Claypaky;**
- **The original gobos have a special coating designed specifically to resist to the high temperatures;**
- **The rotating gobo wheel only use dichroic glass gobos (it is not possible to use metal gobos);**
- **For more information contact Claypaky;**

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COATED GLASS GOBOS TYPE 1

Grey/Black side
away from light source

Reflective side towards light source

COATED GLASS GOBOS TYPE 2

Coated side towards
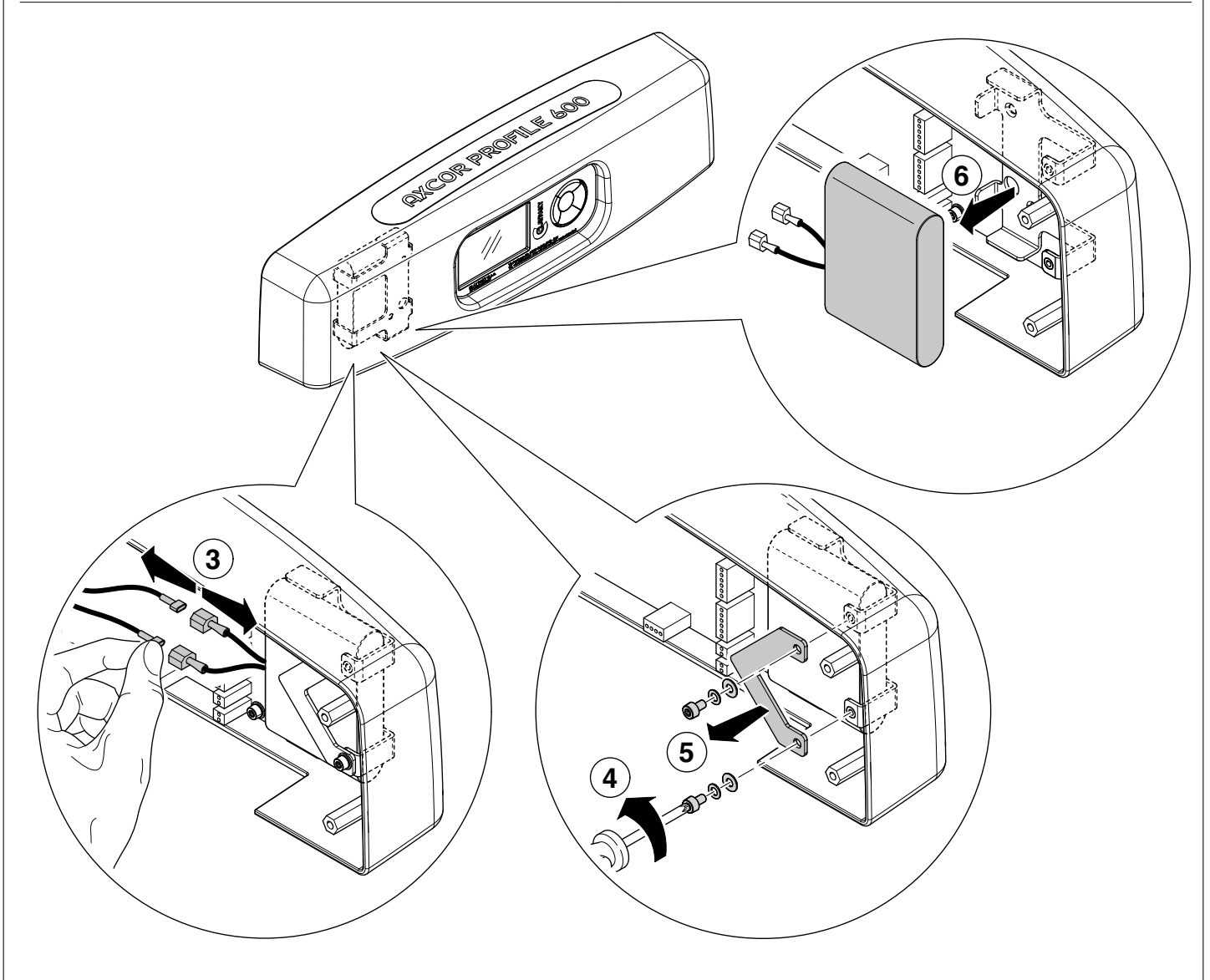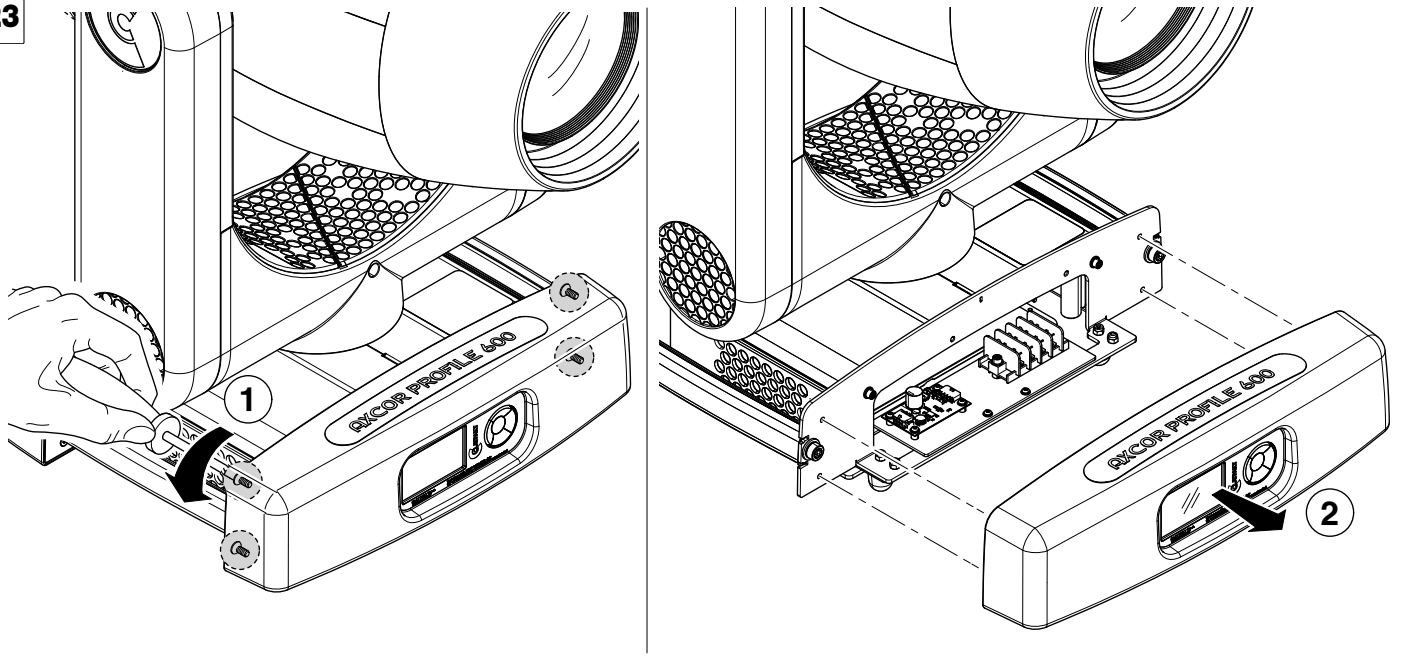light source

Coated side

Uncoated side

Uncoated side

To determine which side of a godo is coated, hold an odject up to it. On the uncoated side, there is a space between the object and its reflection.

Gobo orientation - Fig. 22
The pictures shown the correct gobos orientation.

4.6 Battery removal

23

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.

607
(23.90")

570
(22.44")

636
(25.04")

785
(30.91")

409
(16.10")

329
(12.95")

388
(15.28")

gf | studio