

PROIETTA^{.COM}

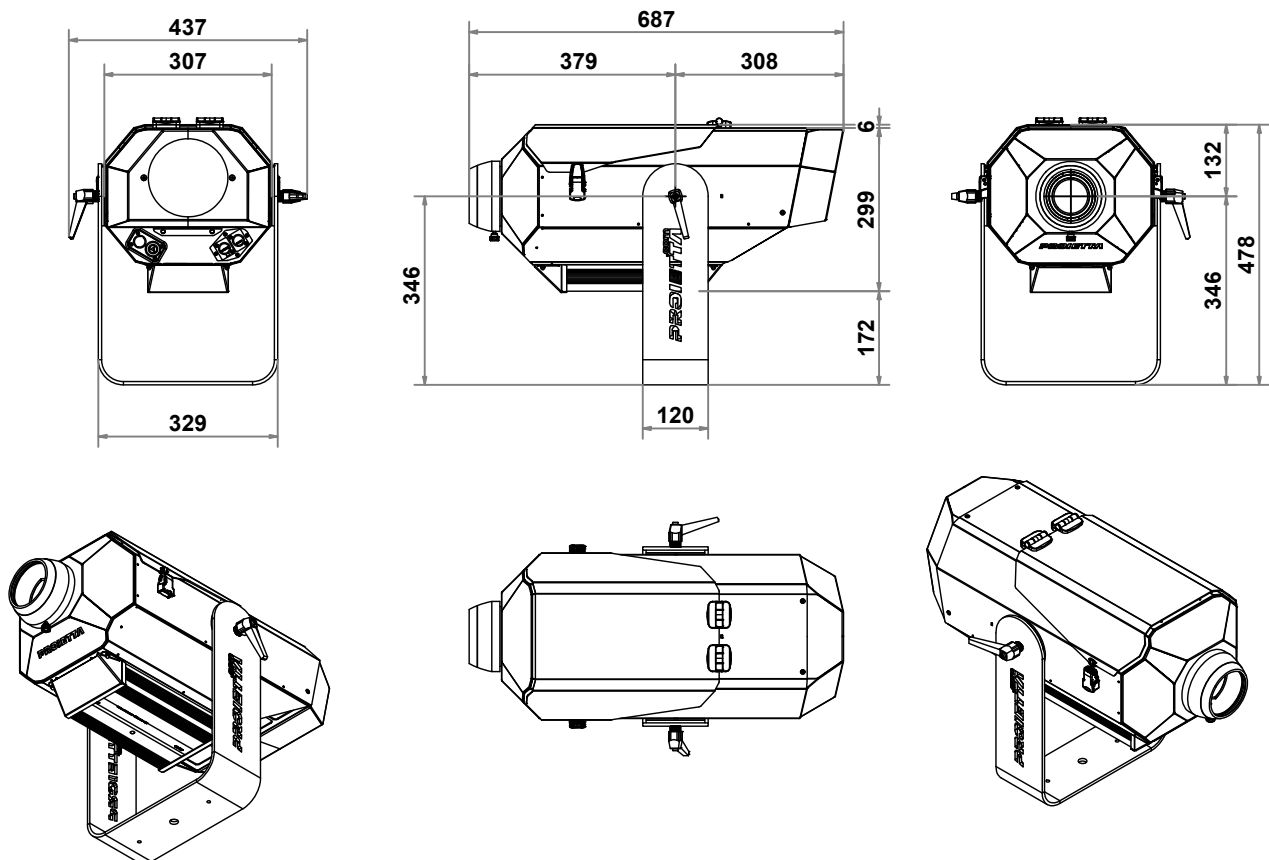


THOROK 700L

Rotating gobo projector and dynamic effect.

TECHNICAL SPECIFICATIONS

MODEL	THOROK 700L
OPTICS AVAILABLE	From 5° (projection ratio: 10:1) to 69° (projection ratio: 0,7:1)
POWER SUPPLY	
SUPPLY VOLTAGE	220/240 V
ELECTRICAL FREQUENCY	50/60 Hz
LED	
NOMINAL POWER	700 W
PROJECTOR'S BRIGHTNESS	35,000 lm
COLOR TEMPERATURE	5,300 K (can be changed with color conversion filters)
LIFETIME	50,000 h
IP (PROTECTION RATING)	65
WEIGHT	20kg
DIMENSIONS	Consult the drawing below (dimensions in mm)



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WARNING:

Please read this instruction manual carefully before using the projector



Thank you for choosing a PROIETTA product

SECURITY INFORMATION



Read the following safety information carefully before performing any operation. The product described in this manual is a lighting fixture for projecting a light beam in indoor and outdoor environments.

Any other use is not foreseen by the manufacturer and therefore releases him from any liability for damages deriving from improper use.

Any repair that requires the removal of the projector assembly screws must only be carried out by the manufacturer, who declines all responsibility for unauthorized interventions.

Warning: The surface temperature of some projector components can reach values high enough to burn you if touched directly, during and after turning off.

Always unplug the projector from the power outlet before any maintenance operation. Risk of electric shock if you disassemble the projector or any of its parts.

For reliable operation of the appliance, the ambient temperature must be between -25°C and 45°C.

The projector must be positioned so that the objects struck by the light beam are at least 5 meters away from the lens of the projector itself.

Never place the projector on flammable and/or combustible surfaces.

Make sure to firmly fix the projector to an architectural element that ensures its stability and reliability. All elements used for installation (screws, bolts, brackets, etc...) must always be suitable for the load they must support.

Use an M12 bolt with self-locking nut and in case of suspended installation use a safety chain.

Do not place objects on the power cord and in the event of damage to it, contact the manufacturer for replacement in order to avoid the danger of electrocution.

The vents should never be covered or blocked with any material.

Be sure to provide adequate ventilation for the projector to protect it from overheating. The projector should not be placed in a closed installation or in a room that is too small and without sufficient ventilation.

Do not look into the beam of light to avoid damaging your eyes.

Never touch the projector and all of its components with wet hands.

USE OF THE PROJECTOR

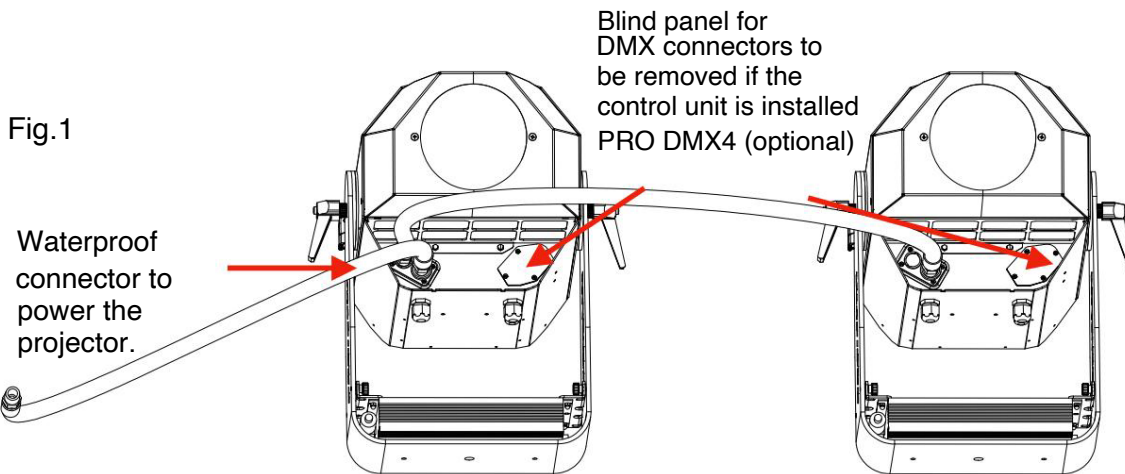
1) CONNECTION TO THE ELECTRIC NETWORK

Connect the device to the mains following the normal safety procedures valid for any device that operates at low voltage.

It is necessary that the supply voltage is: 220-240 V, 50-60 Hz and that the supply line is protected by an efficient earthing connection and has a bipolar switch with differential magnetothermic 0.03 safety (life).

MULTIPLE CONNECTION

It is possible to connect several projectors using an IP 65 watertight connector, as in Fig. 1, using a single power cable (with a maximum of 4 projectors for each line).



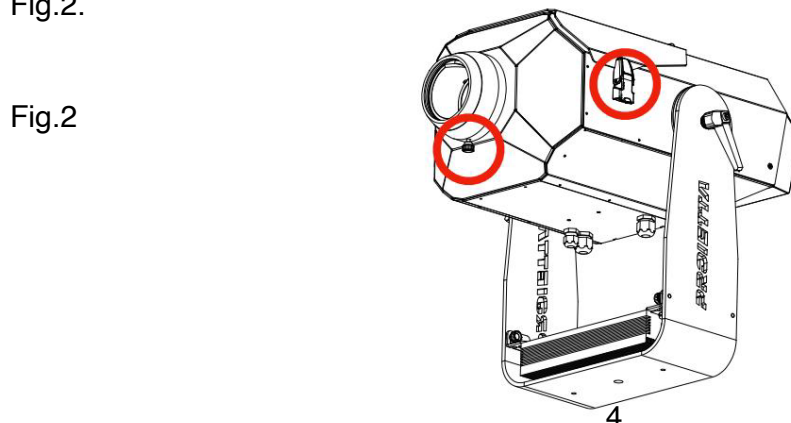
2) POSITIONING THE PROJECTOR

The installation must be performed by preparing the space in which the appliance must be used in such a way that it is free from any obstructions. You can tilt the projector desired angle using the side handles.

For special requirements, the appliance can be fixed with a suitable anchor to the surface material to which it is to be clamped. It is necessary to make sure that all the parts identified for fixing the projector are in conditions suitable for the support of the same. Finally, make sure that the projector has been securely anchored to the surface.

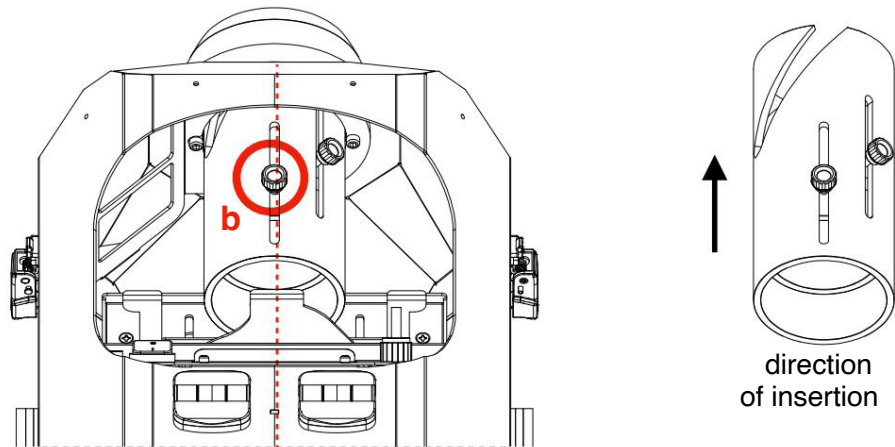
3) IGNITION

- Open the cover with the special hooks positioned on the side of the projector, see Fig.2.



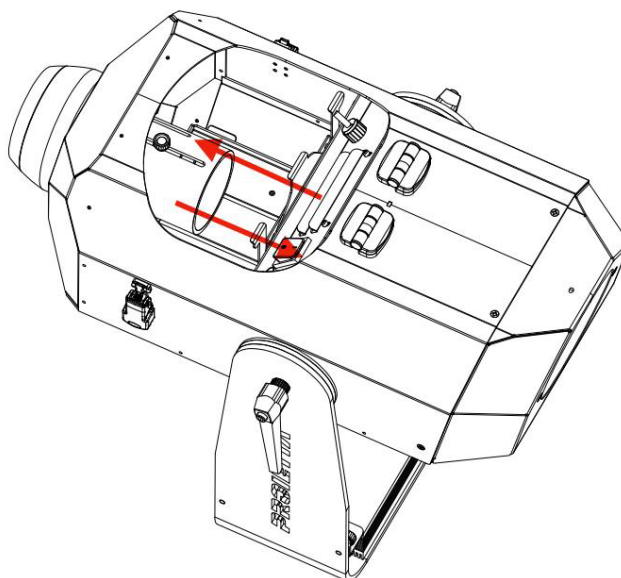
- Insert the selected lens into the projector making sure that knob B is centered with respect to the sagittal axis of the projector, see Fig. 3. Then fix it to the machine body by rotating the element A on the outside, see Fig. 2.

Fig.3



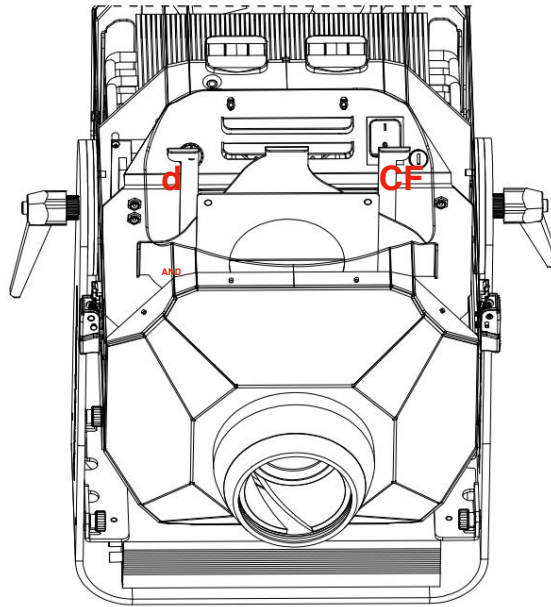
- To take advantage of the maximum extension of the lens, position the knobs at the ends, loosening them and fixing them once the position has been found, as in Fig. 3. Then the image (Gobo or dynamic effect) is positioned centrally and flat on the plate, following the guides present. By moving it back and forth, the ideal focus is sought, as in Fig. 4.

Fig.4



- Turn on the projector by pressing the power button (item C). Other items present on the control panel, see Fig. 5, are: potentiometer for the control of brightness (D), connectors for motorized effects and PRODMX4 board (E), 4A fuse (F).

Fig. 5



- Orient it towards the surface onto which you want to project making sure of be at least 5 meters away from the projector lens.

4) SIZE AND FOCUS OF THE IMAGE

The focusing of the image must be done by acting simultaneously on the knobs of the zoom lens installed on the projector.

For versions without a zoom lens, focus adjustment takes place in almost similar way, the only difference is given by the number of knobs present; in this case we will have only one. Here too once the knob is loosened it is sufficient move the inner lens until the image looks sharp.

CARE AND MAINTENANCE

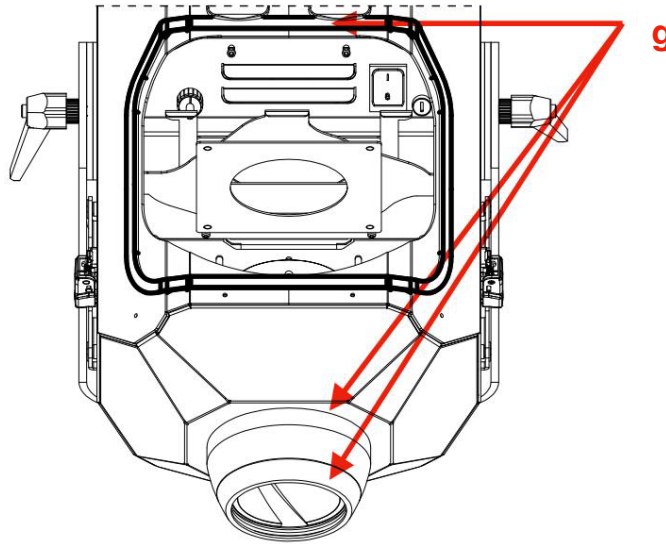
Before starting any maintenance or cleaning operation on the projector, disconnect the voltage from the power supply.

Check that the air intake openings are clean and the fans are working. Depending on the usage environment, the projector will need regular cleaning.

The product must never be washed, but should only be cleaned on the outside with a slightly damp cloth.

It is important to periodically check the gaskets (G) to ensure maximum watertight performance. See Fig. 6.

Fig.6



Any repair requiring the disassembly of the headlamp assembly screws must only be carried out by the manufacturer.

The replacement of defective parts with non-original spare parts voids the guarantee.

CAUSES AND SOLUTIONS OF POSSIBLE PROBLEMS

- The projector does not turn on

Check that the power supply is present

- Reduced brightness

it can be caused by the LED dying out or by the presence of dirt in the optical elements. Thoroughly clean the optical elements, if the problem persists contact PROIETTA customer service.

- The line circuit breaker blows out at the projector connection. The

line circuit breaker is undersized compared to the projector's characteristics. Bypass or replace the line circuit breaker.

- Faulty projection The

gobo may be broken or dust or dirt has settled on the gobo. Clean the gobo with an antistatic cloth, if the problem persists contact PROIETTA customer service.

TIPS: to obtain the best results from projections, project images on poorly lit or dark surfaces, avoiding reflective surfaces (e.g. mirrors).

Whenever possible, always prefer light colored surfaces.

WARRANTY

The product is covered by a guarantee according to the terms of the law (24 months). In the event of a malfunction during the warranty period the product will be repaired or replaced at the discretion of the manufacturer.

For the use of the guarantee, the following information is essential: -

Date of purchase (the date of the invoice applies)

- Detailed description of the problem.

It is essential to follow the safety instructions and warnings contained in this manual.

Any damage caused by non-compliance with the manual will invalidate the guarantee. The manufacturer assumes no responsibility for damage or problems caused by not following the manual.

Any repair that requires the removal of the projector assembly screws must only be carried out by the manufacturer, who declines all responsibility for unauthorized interventions. The disassembly (even partial) of the projector not carried out by the manufacturer will invalidate the guarantee.

Consumable parts are not covered by the warranty.

DECLARATION OF CONFORMITY

The product to which this manual refers is in accordance with the Directives of the European Community. The examination is made clear by the application of the CE mark on the product and the declaration of compliance.

The device meets the requirements of the 2002/95/CE (RoHS) Directive; the General Safety Information Regulations: EN60598-1, EN60598-2-17 and the European Parliament's Directive 2004/108/EC on Electromagnetic Compatibility.



DISPOSAL OF UNUSED PRODUCT

The device must be disposed of in accordance with the applicable laws relating to lighting products. In any case, it should not be thrown between normal waste or dispersed in the environment, the latter action, although legally pursued, is a serious danger to animals and people and a source of long-term pollution. The product cannot be treated as a simple urban waste and must be disposed of appropriately in accordance with existing waste disposal regulations.



Avigliana, 10/05/2021

The image shows a handwritten signature in black ink. Below the signature is the logo for PROIETTA.COM, which consists of the word 'PROIETTA' in a bold, black, sans-serif font, followed by '.COM' in a smaller, red, sans-serif font, and a registered trademark symbol (®) to the right.

PROIETTA srl

Viale Dei Mareschi 4/d - 10051 - Avigliana - TO (Italy) - VAT number: IT09964950019
tel. +39 011 9761039, info@proietta.com, www.proietta.com