

INSTRUCTION AND MAINTENANCE COBRA PROJECTION SCREEN



1.0 TECHNICAL DATA

PRODUCT DESCRIPTION

Innovative motorized screen with upwards unrolling system, self standing, suitable for attics installation and rooms with skewed ceiling; buildings of historical and architectural relevance and anywhere it's impossible to drill holes in the wall or ceiling; theatres, cinemas and stages; yachts and boats; renting or service equipment.

Canvas SOFT MATT WHITE | Ratio Video 4:3, HDTV 16:9 | Borders Projection screen with or without 5 cm perimetrical black borders and variable bottom black drop depending on the projection format | Motor Opening of the projection screen by robust aluminium lifting arms and gas pistons, while the closure is controlled by a silent and powerful electric motor | Installation COBRA screen is a self standing structure. Supply with adjustable feet suitable to adapt to not perfectly even floors; it can be fixed to the floor with suitable dowels. Depending on the installation it is possible to create suitable mounting structures or it can be embedded in to the floor | Certifications CE | Warranty 12 months as per conditions indicated to the instruction manual, 60 months on the mechanical parts (engine included) | Accessory (not included) Radio remote control or radio remote receiver integrated in the electric motor and transmitter

1.1 SCREEN DESCRIPTION

1.2 GENERAL CHARACTERISTICS

This screen has been built in compliance with the dispositions of the following E.E.C. directives: low voltage E.E.C. Directive 73-23, electro-magnetic compatibility E.E.C. Directive 89-336. All employed projection fabrics are fire-proof certified. The fire-proof degree and relative classification class vary according to the type of projection fabric used. This screen has been studied by technicians with a great experience in this field and it is built according to the high quality standards that identify our products. If the machine is used following the instructions of this handbook, you will gain the maximum efficiency and a longer life. As a consequence we beg you to read these pages very carefully and to always follow the remarks and the advices indicated.

Safety regulations for the maintenance

Follow the maintenance regulations that are in this booklet. Do not make any repair with the machine in motion. Use original spare parts..

Adopted safety criteria:

The standard electrical cables are contained in a single case of self extinguishing plastic materials. Thermal electric device in case of overheating of the electric motor. Emergency red button on the screen base.

1.3 GENERAL SAFETY REGULATIONS

Read the following instructions carefully before using the machine or doing the maintenance. The instructions of this booklet do not substitute but complete the obligations towards the safety and accident regulations in force.

1.3.1 Before:

Read the instructions concerning the preparation of the machine. Check all the protections of the machine and substitute the damaged parts immediately with the original spare parts. Read the handbook for use and maintenance.

1.3.2 During:

Pay attention to the electrical parts and when the screen is in movement.

1.3.3 After:

Clear the main switch

2.0 WARRANTY

The company guarantee the functioning of the machine for a period of twelve months as for the mechanical parts, and of 5 years as for the electric motor, beginning from the date of delivery indicated on the bill of transport. The warranty is limited to the substitution of the damaged parts or defect related to the building of the machine and in any case does not provide for the replacement of the product. The warranty is not valid for defects that are caused by natural use or by the purchaser's carelessness, not for the parts that are subject to a rapid wear and tear for the material or the kind of the use, nor for the parts with which the machine is fitted out. The eventual damages or defects have to be communicated within eight days from the receipt of the screen, on the contrary the warranty will not be valid. After approving the damage, the company replace the damaged parts, if the purchaser has not tampered with them in order to try to repair them and if he has complied with the contractual duties. Any other indemnity is not admitted. In case of parts that are installed after the purchase, see the above-mentioned indications for the warranty. The shipment, transport and manpower costs are charged to the purchaser. Any damage that may be caused from the transport must be immediately communicated to the forwarder, on the contrary the warranty will not be valid.

3.0 IDENTIFYING THE MACHINE

Matriculation number, weight, construction year, power supply and consumption as written on the labels applied on every screen. For any communication with the constructor always mention the matriculation number of the machine that is present on the main label.

3.1 Use admitted of the machine

The machine has been conceived only to be used as a screen for projections. Any other use is not admitted.

3.2 Regulations for the use

The machine is to be used in a covered place at a temperature of 15-40°C, it must be kept dry with a relative humidity of 30-40% without condensate.

4.0 WHAT YOU HAVE TO DO AND WHAT YOU HAVE TO AVOID

4.1 Always

- follow the indications and the instructions in the handbook and check the integrity of the machine parts
- follow the indications and the instructions showed on the machine; the warning labels have to be clearly readable
- prove the functionality of the command key

4.2 Never

- change, tear off the adjustment of the safety system and / or tamper with the machine
- do any temporary repairing or any not-complying-with-the-instructions attempt to repair
- make the machine perform any operations for which it has not been conceived
- cover, tamper with, tear off even if partially the labels that are on the machine

5.0 INSTALLING AND USING THE SCREEN

- Remove the straps only when installation is completed.
- Screen should always been operated from the front and not from rear.
- Pay attention that hands are not placed in mechanism while the screen is being opened or retracted.
- In case of emergency push the red button on the left side of the screen to stop it.
- Be sure that the screen is installed on a perfectly horizontal surface.
- Be sure that any obstacle is present while the screen is opening and closing.
- Before connecting the screen to the main switch check that the main switch supply correspond to the voltage of the screen.
- Connect the screen to an earthed power point.
- The screen can be supplied with electric switch or with radio remote transmitter, both with three buttons for open, stop and close the screen. Push the “up” button to open the screen, push the “stop” button to stop the screen at any position, push the “down” button to close it.
- Never modify the setted up and down limit switches.

5.0 MAINTENANCE OF THE SCREEN

The screen do not need any particular maintenance: it need only normal maintenance. Mechanical parts: free from dust using a colourless soft clean cloth, and, if it is the case, a not aggressive detergent. Projection surface: use a soft, clean, wet cloth, eventually combining neutral detergents. Since the fabric could be charged with static electricity after cleaning due to the rubbing with the cloth, it is advised to apply an anti-static liquid on the fabric with a clean cloth, to prevent dust from being attracted again. Avoid to pass with detergents on the black borders.

5.1 USE OF THE SCREEN AFTER A LONG STORAGE TIME

5.1.1 Check the storage conditions of the screen:

- if it has been protected in a proper way
- if it has been covered in the right way
- if it has been stocked in a humid or saline or dusty place

5.1.2 Essential checks:

- the condition of the screen: if it has been attacked from humidity or water, if the paint is intact, if the screen is without dust
- if the main parts are intact
- the state of efficiency of the electrical parts
- the start-up should be made following the instructions of this booklet

5.1 DISPOSAL

It is inevitable when the screen should be damaged and irrecoverable.

5.1.1 Preliminary operations

- disconnect the power supply
- remove the cables and the electric motor
- remove all the plastic parts

5.1.2 Subdivision of the materials

- Divide the plastic, rubber and other parts form the aluminium ones. Plastic and rubber parts should be disposed as special waste and follow the antipollution laws of the Country.