

## Manual of Instructions, Use and Maintenance

MAJOR®  
holding your  
emotions

### Maior Omnia®



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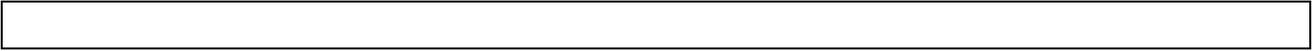
CONFORMITY:





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## **1.1. FOREWORD**

### **1.1.1 Important warnings**

To ensure the workers safety and to prevent any damage that might affect the equipment, it is necessary to read entirely the instruction manual before carrying out any task.

This manual must always be kept intact and perfectly legible. All the workers appointed to use the equipment or to install it, have to know where the manual is kept and be able to consult it at all times.

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This manual has been drawn up in compliance with the requirements of the Machinery Directive 2006/42/EC.

## 1.2. METHOD FOR CONSULTING THE MANUAL

### 1.2.1 Structure of the manual

The manual is divided in chapters, containing all the relevant information for a risk-free utilisation of the machine.

Each chapter has a sub-division to focus on essential points; the paragraphs may contain further clarifications with a subtitle and a description.

Every chapter begins with an indication on the right side of the page, which contains the chapter number and the heading.

Chapters (e.g. chapter 1) are structured as follows:

- 1 Chapter heading
- 1.1 Paragraph heading
- 1.1.1 Subtitle heading
- 1.1.1.1 Any further subtitle heading

The numbering of pages, images and tables resets at the beginning of each new chapter. As a consequence, you will find a prefix indicating the chapter and the number of page, image or table that starts again at number 1 at the beginning of every chapter.

### 1.2.2 Description of the pictograms

The manual uses the following symbols to highlight important information and warnings:



**WARNING:**

**This symbol indicates accident prevention rules for the operator and/or any other exposed person.**



**CAUTION:**

***This symbol draws the attention to the risk of damaging the machine and/or its components.***



**NOTE:**

***This symbol provides useful information.***

### **1.3. PREPARATIONS FOR THE PRE-INSTALLATION PHASE**

In chapter 3 of this manual (INSTALLATION) we provide detailed operative instructions. This part simply lists the preliminary preparations that need to be carried out.

- Preparation of an area to unpack the equipment, and to install/assemble it.
- Preparation of the auxiliary services suitable for the equipment (e.g. power supply, audio-visual cables etc..).

## 1.4. DECLARATION OF CONFORMITY

Facsimile. The original document is contained in the attached documentation.

Versione originale in lingua italiana



MODELLO CE di Dichiarazione  
conformità  
Ad242\_0642A\_01\_00 .doc

### DICHIARAZIONE DI CONFORMITÀ

(2006/42/CE, All. II, p. 1, let. A)

Il fabbricante:

**Eurotecno S.r.l.**

Sede legale: Via Proventa 120/1, 48018 Faenza (RA)

Dichiara

sotto la propria responsabilità che la macchina:

Tipo:	<b>Dispositivo di sollevamento</b>
Modello:	<b>Famiglia MAIOR:</b> • MAIOLIFT • MAIOFLIP
Numero di serie:	
Funzione:	<b>Sollevamento monitor Lcd</b>
Anno di costruzione	<b>2013</b>

è conforme a tutte le disposizioni pertinenti delle seguenti direttive comunitarie:

**2006/42/CE**

**2004/108/CE**

**2002/96/CE**

e alle seguenti norme armonizzate, norme e/o specifiche tecniche applicate:

**UNI EN ISO 12100:2010**

Luogo: **Faenza (RA)**

Data:

Legale Rappresentante  
Giuliano Assirelli

Eurotecno S.r.l.  
Via Proventa 120/1  
48018 Faenza (RA)



**1.5.  Identification plate**

This equipment has been manufactured in a EU member country and, therefore, meets the safety requirements of the Low Voltage Directive 2006/95/EC, in force since 12<sup>th</sup> December 2006. This conformity is certified and the machine carries the "CE" marking.

		EUROTECNO S.R.L. VIA PROVENTA, 120/1 48018 FAENZA (RA)			
EQUIPMENT	<b>LIFTING DEVICE</b>				
MODEL	<b>MAIOR OMNIA®</b>				
SERIAL NUMBER - YEAR	<b>XXX - 20XX</b>				
VOLTAGE	<b>230 VAC</b>	FREQUENCY	<b>50 Hz</b>		
POWER	<b>0,375 KW</b>	N° PHASES	<b>1+N</b>		

Image 1 - 1

## 1.6. MACHINE DESCRIPTION

The equipment, hereafter called Major Omnia®, has been designed and assembled as a lifting device able to move a monitor or a Lcd television on the 3 axis (x,y,z). The possible movements that the screen can realise are: downwards and upwards (regulating the length/stroke of the mechanical arm), rotation (moving the screen laterally), tilt (inclination of the screen, where available).

The structure is fastened to the ceiling using a plate that gets anchored to the support (ceiling) with screw anchors (ceiling version), or fixed/placed on the floor (floor version).

The commands for the movements are given by:

- 1) a command, wired directly to the machine;
- 2) wall-mounted manual commands that can be prepared during the installation;
- 3) home automation system (terminal block interface, domotic systems not included);
- 4) app (when available) for mobile devices (smartphones, tablets) via Wi-Fi connection.

### 1.6.1 Main units

- 1 Rotation unit;
- 2 Lifting column;
- 3 Tilt plate;
- 4 VESA bracket for Tv fastening;
- 5 Position of the central unit/transformer;
- 6 Entrance/passage for machine/TV cables;
- 7 Base for floor models;
- 8 TV screen (not included);
- 9 Shell.

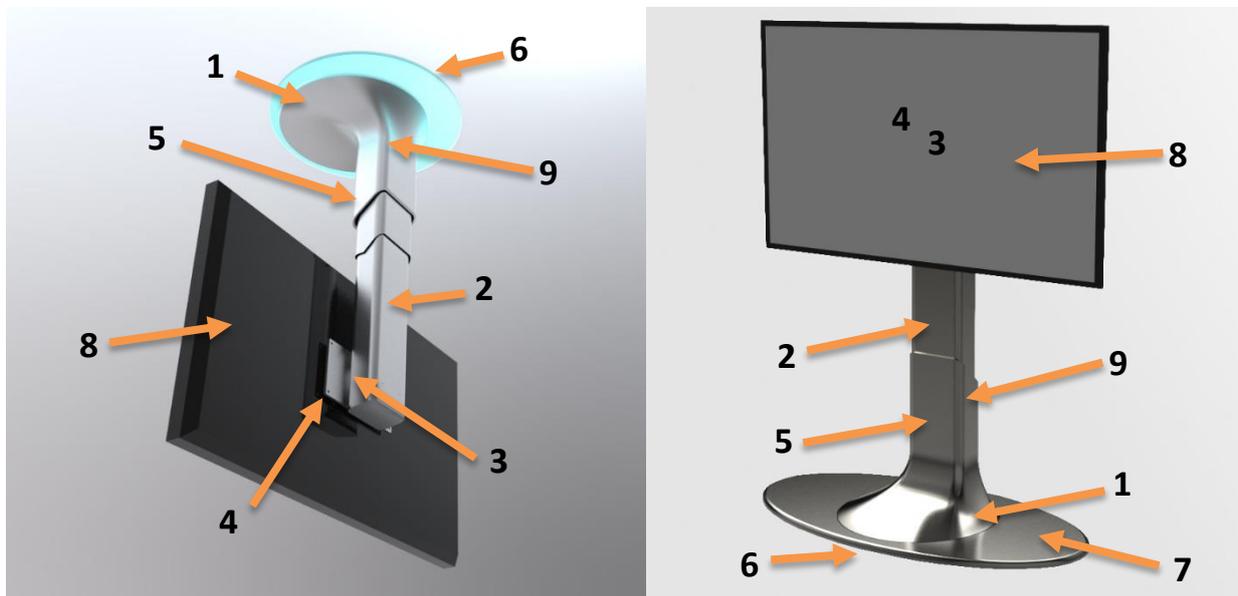


Image 1 - 2

**N.B.:** the supply may vary for number of articles, shape and use at the discretion of the manufacturer, who declines any responsibility for the prior notification of these changes.

## 1.7. OPERATORS QUALIFICATION

All the Maior Omnia® installers must have the specific professional requirements for any required task. Here you got a brief description of the professional profiles for machine operators/maintenance workers.

### INSTALLER

Qualified technician able to carry out the whole electrical installation, the maintenance and the reparation, when needed.

He/she is also able to work in presence of electrical power inside the junction boxes.

### OPERATOR/USER

No specific qualifications required.

## 1.8. GENERAL SAFETY WARNINGS

- Wear an adequate protection equipment for this kind of task.  
The clothes must fit tightly to the body and be resistant to cleaning products.  
Do not wear ties, necklaces or belts, as they could get tangled up or trapped into the parts in movement;  
In case of lifting and/or transport, wear a safety helmet.
- When necessary, gather the hair in order not to make them get tangled up or trapped into the parts in movement.
- Do not remove the safety devices and protections.
- Make sure that the means of transport have an adequate payload for the weights that they have to bear and that they are in good conditions (for the weight to bear, see paragraph 2.1 "Technical data/characteristics").
- Use an appropriate and safe lifting equipment.
- Do not dismantle any part or unit of the Maior Omnia® without previous authorisation of the manufacturer's technicians.
- As regards the disposal of the packaging materials, respect the environmental protection legislation in force.



### **CAUTION:**

***Any technical modification that affects the correct functioning and/or the safety of the Maior Omnia® must be carried out ONLY by the manufacturer's technical personnel or by technicians who have been formally authorised by the manufacturer. Otherwise, EUROTECNO S.R.L. declines any responsibility for the changes or damages that could result.***

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**2.1. TECHNICAL CHARACTERISTICS**

<b>Model</b>	Maior Omnia®
<b>Serial number</b>	XXXXXX

<b>Dimensions and weight</b>	
<b>Equipment height</b>	<b>(closed for the transport)</b> 900 mm
<b>Equipment height</b>	<b>(completely opened)</b> 1900 mm
<b>Equipment width</b>	1000 mm
<b>Equipment weight</b>	63 kg

<b>Electrical system</b>	
<b>Power circuit</b>	220 V – 110 V
<b>Frequency</b>	50 Hz – 60 Hz

**Table 2 - 1**

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### 3.1. GENERAL SAFETY WARNINGS

- Wear an adequate protection equipment for this kind of task.  
The clothes must fit tightly to the body and be resistant to cleaning products.  
Do not wear ties, necklaces or belts, as they could get tangled up or trapped into the parts in movement;  
In case of lifting and/or transport, wear a safety helmet.
- When necessary, gather the hair in order not to make them get tangled up or trapped into the parts in movement.
- Make sure that the means of transport have an adequate payload for the weights that they have to bear and that they are in good conditions (for the weight to bear, see paragraph 2.1 "Technical data/characteristics").
- Do not stay or pass under the machine during the lifting process or during the transport.
- Use an appropriate and safe lifting equipment to work from above the machine.  
Do not use parts of the machine to go up.
- As regards the disposal of the packaging materials, respect the environmental protection legislation in force.

### 3.2. PERSONAL PROTECTION EQUIPMENT

During the installation, wear an adequate protection equipment for this kind of task.

- The clothes must fit tightly to the body.
- Do not wear ties, necklaces or belts, as they could get tangled up or trapped into the parts in movement.
- When necessary, gather the hair in order not to make them get tangled up or trapped into the parts in movement.



**WARNING:**

**Before starting the following tasks, the operators and/or the maintenance workers must wear this personal protection equipment:**

	Tight protective clothes.	During all the phases of work and maintenance.
	Protective gloves.	During the phases of manual work and maintenance.
	Safety footwear.	During all the phases of work and maintenance.

**Table 3 - 1**



**NOTE**

*Clothes and means of protection must comply with the requirements of Directive 89/686/ EEC concerning personal protection equipment.*

### 3.3. MACHINE TRANSPORT



**WARNING:**

For the transport, use means with an adequate payload for the weights that they have to bear.

It was not necessary to design specific packaging structures. The equipment is fixed directly to a pallet and it is protected from the external environment by a nylon cover.



**CAUTION:**

*During the transport the equipment must stay protected from the atmospheric agents by a nylon cover that avoids water infiltrations and deposits on the electric components.*

### 3.4. PACKAGING CONTENTS

Before proceeding, check the packaging contents. If there is any missing part, please contact the technical assistance immediately.

Parts description:	Quantity:
Pre-assembled Omnia®	1
Assembly template (Omnia® Cielo)	1
Wi-Fi Router	1
Briefcase*	1

(\* containing: manual of installation, use and maintenance - further technical documentation)

### 3.5. HANDLING AND INSTALLATION

#### 3.5.1 Equipment installation (Omnia® Cielo)

##### Safety warnings



**WARNING:**

These tasks must be carried out by specialised and authorised operators, who shall ensure that all unauthorised personnel or persons, potentially exposed to danger, maintain a safe distance from the installation area.

Before proceeding, make sure that the line voltage corresponds to the one that appears in paragraph 2.1 "Technical data/characteristics".

According to the kind of ceiling, the support plate fastening can be made with different anchoring systems. For further information, please refer to paragraph 6.2 "Anchors specifications".

For hollow flooring blocks, hollow flat blocks/tiles and hollow bricks it is possible to use the following anchoring systems:

- FIS HK 16 X 85 art. 41902 (FISCHER brand) screw anchor, with FIS M8 X 110 threaded bar art. 509124 with locking chamfer.
- FIS HN 16 X 85 art. 50470 (FISCHER brand) injection anchor sleeve, with FIS M8 X 110 threaded bar art. 509124 with locking chamfer.  
For solid materials, such as reinforced concrete:
- SXR 10 screw anchor (FISCHER brand).

##### Type of anchorage



**WARNING:**

An assembly process that have been incorrectly executed can compromise the proper functioning of the equipment and cause damages to objects or persons. The provided information regarding the type of screw anchors to use is to be considered indicative, as it is based on the experience of our technicians and is given after careful evaluations. Nevertheless, please examine in details the technical sheets contained in the CD attached, regarding anchors and screws, in order to identify more precisely the most suitable screws/anchors for your specific installation site. EUROTECNO s.r.l cannot be held liable for the incorrect choice of anchors/screws or for the machine assembly.

##### Required tools

- Drill (without hammer function);
- Drill bits with the diameter needed for the identified screw anchor; will be requested also a pre-drilling bit whose diameter is a few millimetres smaller, in order to make an initial guide hole;
- Pencil to mark out the holes;
- Anchor screws and chemical anchors as previously indicated;
- Socket wrench to fasten the M10 nuts (Socket wrench ch 17 mm);
- Assembly template with the outline of the support plate;
- Sustaining ceiling support plate for Maior Omnia® Tv lift;
- Maior Omnia® Tv lift with positioning structure.

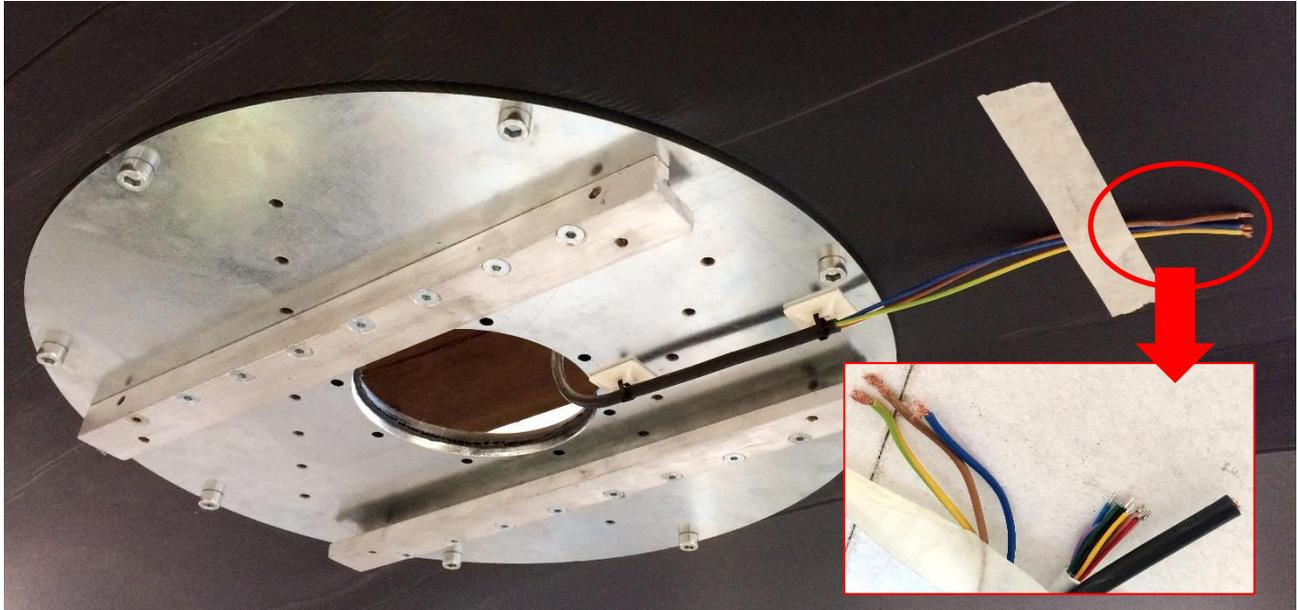
##### Number of operators

- For the equipment installation are needed two installers.

Steps	Tasks
1	<p>The ceiling support plate (step A, paragraph 3.5.1.1) contains holes with a 9-mm diameter through which will be fastened the Major Omnia® (lift). For the fastening process, make use of appropriate screw anchors depending on the type of support (ceiling material).</p> <p> <b>WARNING:</b> According to the type of ceiling, will be needed adequate anchoring systems (screw anchors). For further information, see paragraph 6.2 "Anchors specifications".</p>
2	<p>Place the assembly template in the area that has been chosen to install the device and trace the reference holes, paying attention to the front cables passage of the support plate.</p>
3	<p>Remove the assembly template and drill with the pre-drilling bit (whose diameter is a few millimetres smaller than the definitive one). This procedure ensures that the hole is as precise as possible for the screw anchor to be inserted.</p> <p> <b>NOTE:</b> Disable the 'hammer' function of the drill, as this can damage the sides of the hole: this is incompatible with a correct placement of the chemical anchors.</p>
4	<p>Drill the diameter indicated for the screw anchor.</p> <p> <b>NOTE:</b> Disable the 'hammer' function of the drill, as this can damage the sides of the hole: this is incompatible with a correct placement of the chemical anchors.</p>
5	<p><b>ANCHORING WITH SCREW ANCHORS</b></p> <ul style="list-style-type: none"> <li>• Insert the screw anchors (previously identified), paying attention to the assembly specifics provided by their manufacturers.</li> </ul> <p><b>ANCHORING WITH BARS AND CHEMICAL ANCHORING</b></p> <ul style="list-style-type: none"> <li>• Clean with air the inner part of the hole;</li> <li>• Introduce the chemical anchoring into the hole;</li> <li>• Insert the bars: each one of the bar extremities shall protrude from 1,5 cm up to 2 cm;</li> <li>• Check, with the assembly template, the correct position of the bars.</li> <li>• Let the chemical anchoring harden for the requested time.</li> </ul> <p> <b>NOTE:</b> We recommend to let the chemical anchoring harden for one day.</p>
6	<p>Place the support plate in the ceiling, by introducing the bars into the holes of the support. Make the device cables pass from the inner part of the support plate's central hole, then screw the nuts in the bars (gradually for each bar). Screw definitely the nut of each bar with the socket wrench, paying attention to the consequent reaction during the operation. If a bar results incorrectly fastened, repeat the process.</p>
7	<p>Position the device in the tracks of the ceiling support plate, following the installation procedure indicated in paragraph 3.5.1.1 (steps from A to G) and 3.5.1.2 (steps from A to H).</p>

Table 3 - 2

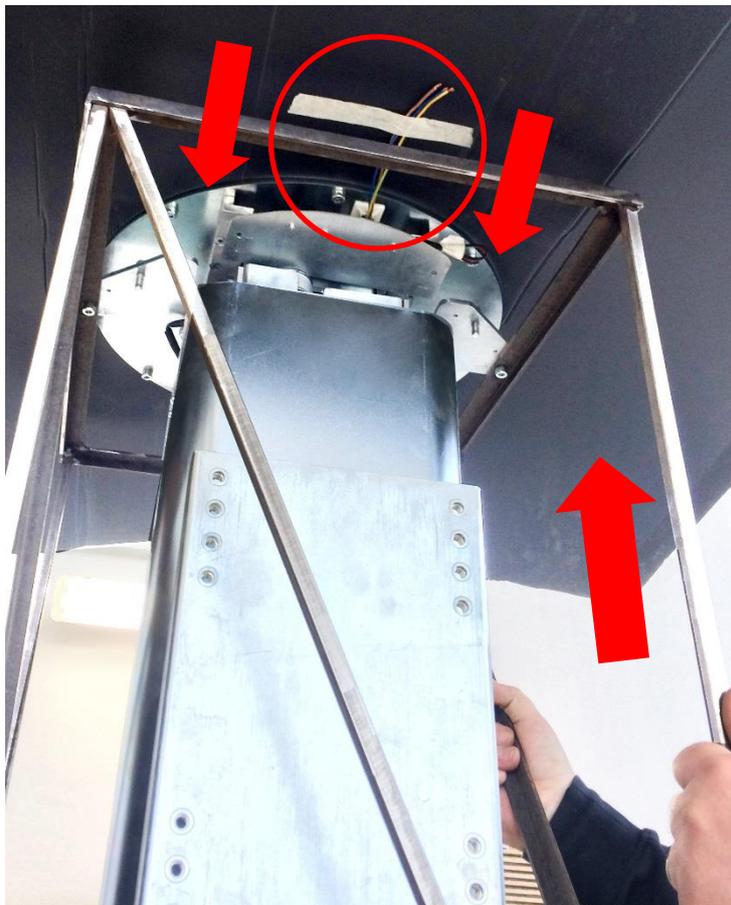
### 3.5.1.1 Ceiling installation procedure



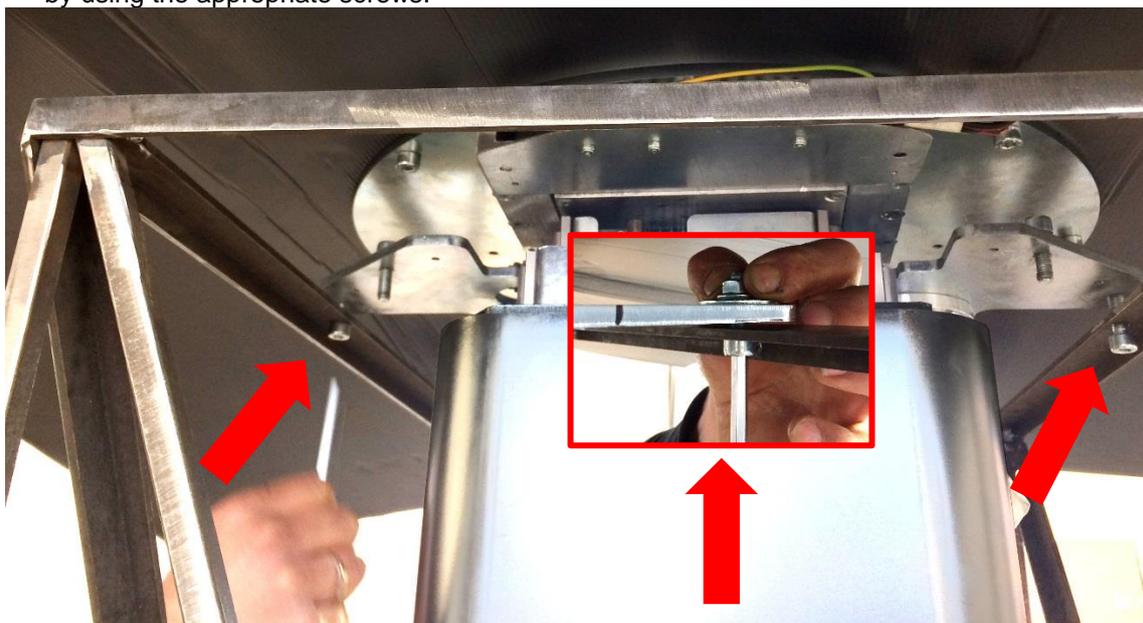
- A) Support plate correctly fastened as described in paragraph 3.5.1, with sustaining tracks and power cables correctly aligned (the central hole represents the passage of power and audio-visual cables, manual commands and home automation system to the ceiling).



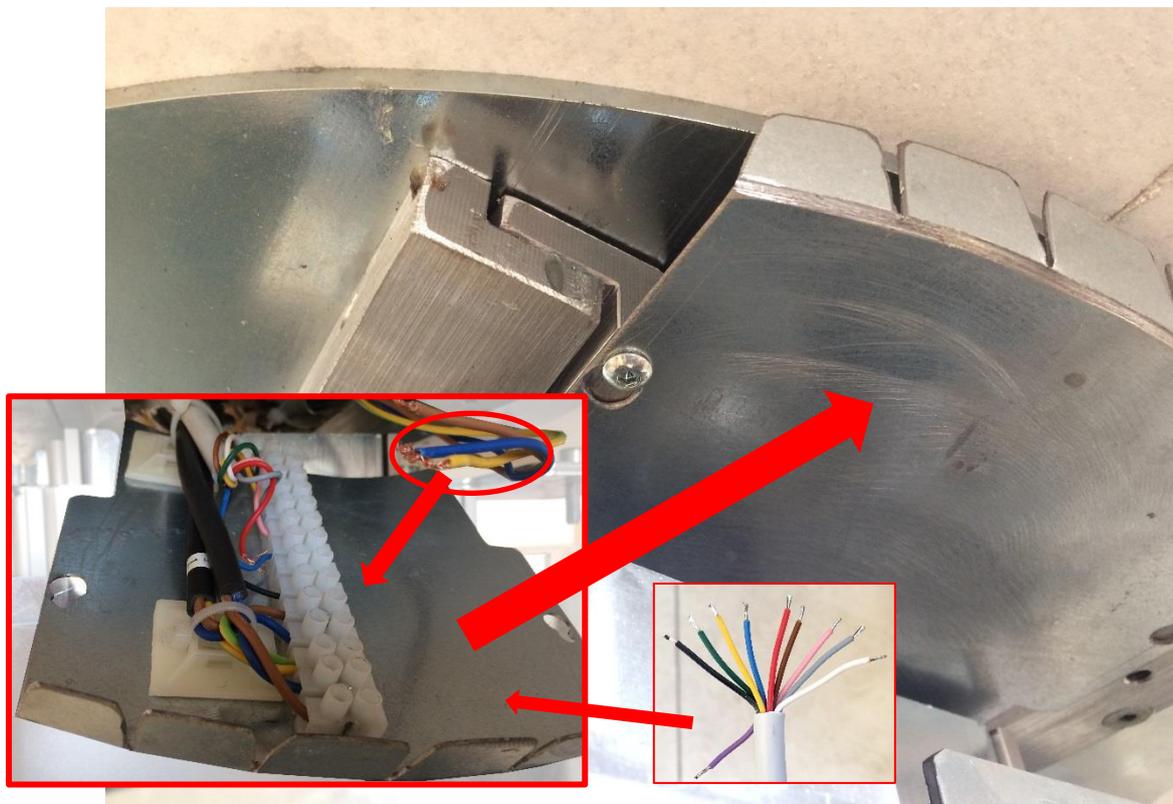
- B) Preparation of the Maior Omnia® lift with positioning structure.



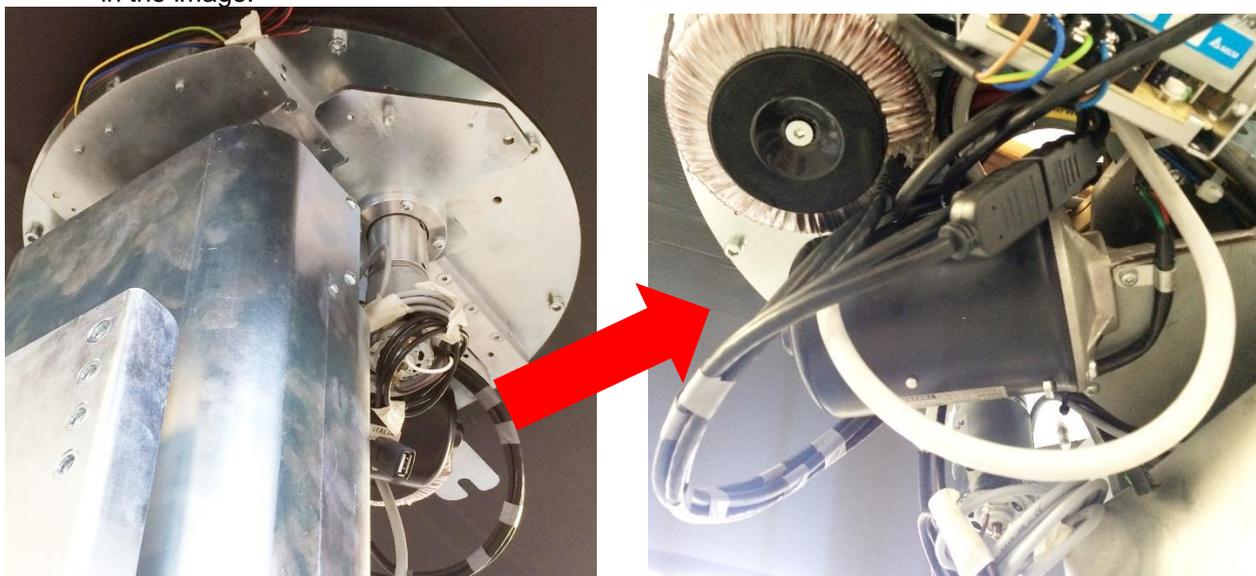
- C) At least 2 operators are needed for this operation: sustaining the weight of the device with the help of the positioning structure, position it following the tracks of the ceiling support plate. Consider the proper alignment of track and power cables as shown in the image. Fasten the bracket to the track by using the appropriate screws.



- D) Separate the positioning structure by removing the corresponding screws (x3), as indicated. Keep, then, the structure in the original packaging.

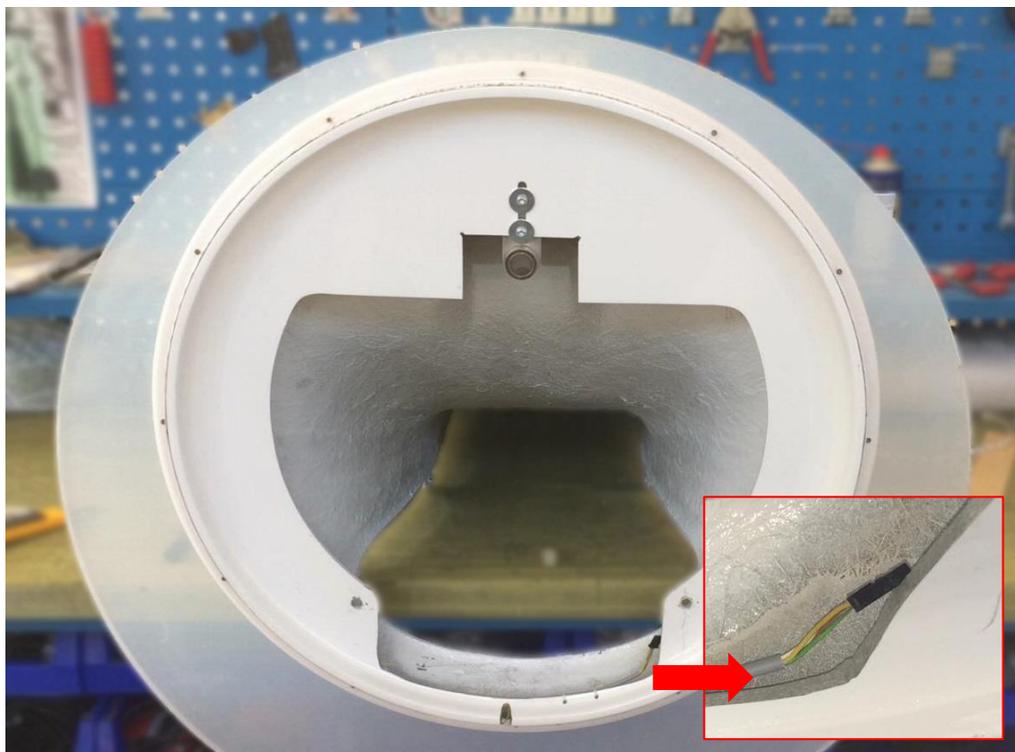


- E) Handle the terminal block for the connection of power supply and manual commands / home automation system (see the contacts scheme in paragraph 4.2.3). As soon as the connections have been realised, place and fix the terminal block support slab in the correct position as shown in the image.



- F) Connect the plugs of the audio-visual cables in the back of the bracket. They come from the machine and from the ceiling (from the central part of the support plate).
- G) Test the movements of the machine with all the available commands (the operating modes are described in paragraph 4.1). Once complete, close the machine making it go back to the *Home* position.

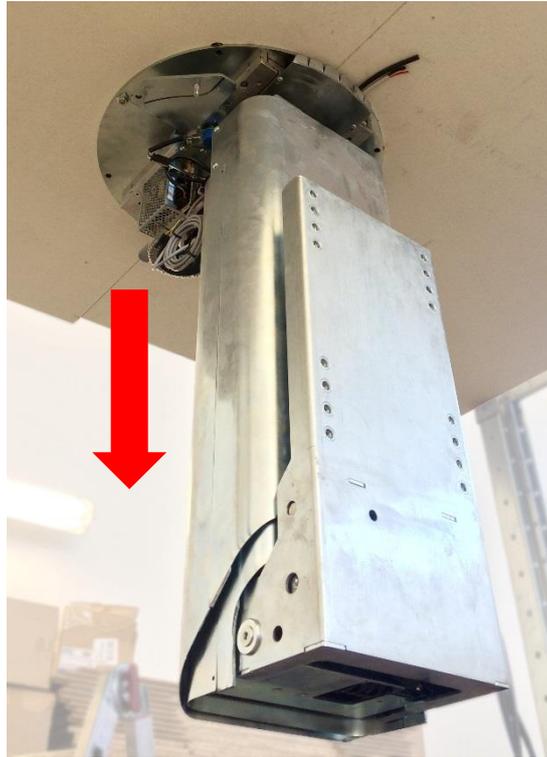
### 3.5.1.2 Shell assembly procedure



- A) Basic detail of the fiberglass shell with elliptical plexiglass installed – detail regarding the position of the jack for LED RGB lights connection.



- B) Image of the fastening magnet.



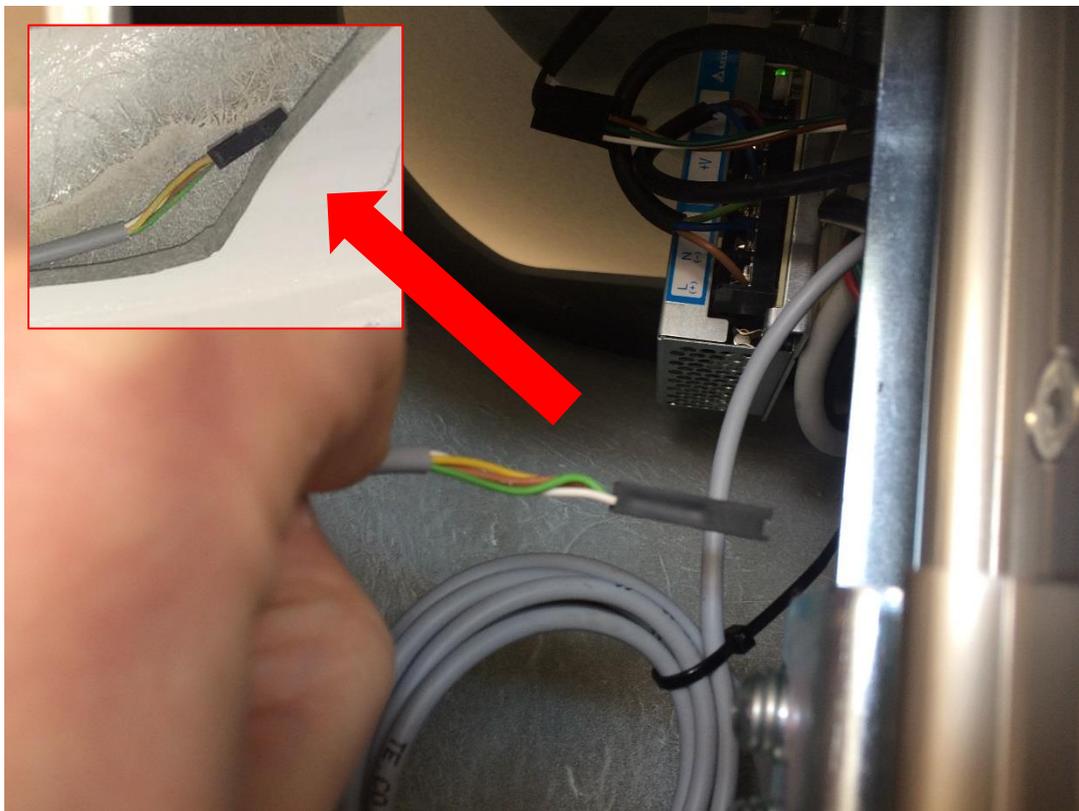
C) Lower the machine for approximately 10 cm, to simplify the shell positioning. Gather any protruding and/or dangling cables.



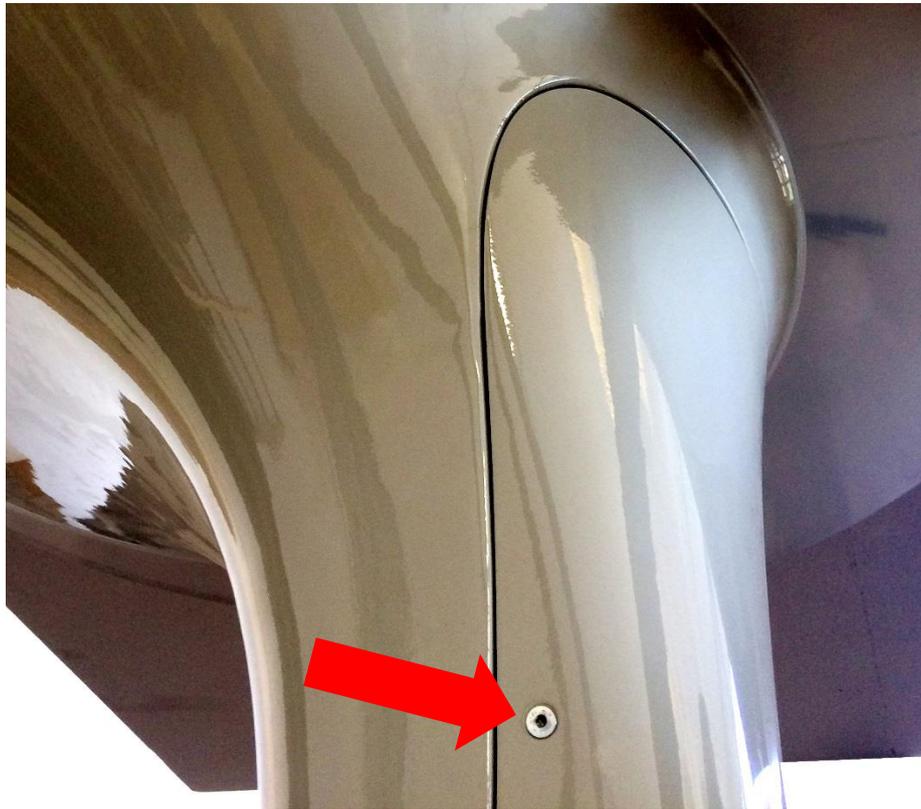
D) Introduce the shell from below, lifting it up to the attachment point of the magnet.



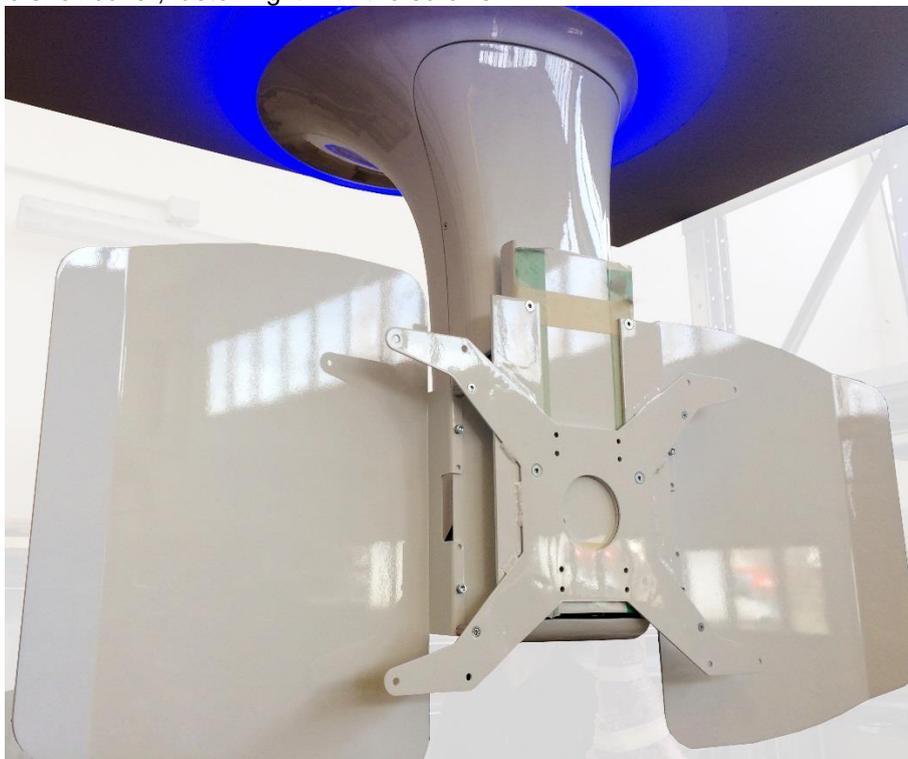
E) Use the 2 wing nuts to fasten definitely the shell to the structure.



F) Connect the LED RGB lights jack from the shell to the machine.



**G)** Apply the shell cover, fastening it with the screws.



**H)** Install TV bracket and covers.

### 3.5.2 Equipment installation (Omnia® Terra – Omnia® Studio)

#### Safety warnings



**WARNING:**

These tasks must be carried out by specialised and authorised operators, who shall ensure that all unauthorised personnel or persons, potentially exposed to danger, maintain a safe distance from the installation area.

Before proceeding, make sure that the line voltage corresponds to the one that appears in paragraph 2.1 "Technical data/characteristics".



**WARNING:**

An assembly process that have been incorrectly executed can compromise the proper functioning of the equipment and cause damages to objects or persons.

#### Number of operators

- For the equipment transport are needed two installers.
- For the equipment installation is needed just one installer.

Steps	Tasks
1	<p>Remove the machine and all the attached material from the packaging, placing it on the floor by the cables connections.</p> <p> <b>WARNING:</b> Make Sure that there are no persons or objects in the positioning area, in order to avoid damages or inconveniences. Pay attention to the machine base: there are wheels that allow the movement but, at the same time, they can unbalance the machine in case of extra movements.</p>
2	<p>If present, connect the wall commands / home automation system to the base of the machine, following the scheme shown in paragraph 4.2.3.</p>
3	<p>Connect the equipment to your AC power supply and test the correct functioning. From the outside, connect the audio-visual TV cables and the Ethernet network (if available) to the equipment.</p> <p> <b>WARNING:</b> Make sure that the power grid is not active during the power cables connection phase.</p>

Table 3 - 3

### 3.5.3 Screen installation

**Number of operators**

- For the screen installation are needed two installers.

**Preliminary operations**

To carry out the screen installation, the Maior Omnia® must be correctly fastened to the ceiling / correctly positioned on the floor.

Steps	Tasks
1	Verify the compatibility between the position of the holes on the television back and the holes of the VESA TV bracket.
2	Prepare the adequate screws to fasten the TV, making sure that the length of the screws is appropriate in order to install your device.
3	Get the television close to the Maior Omnia®, in front of the <i>TV fastening bracket</i> unit, identifying the coinciding holes.   <b>NOTE:</b> Do not force excessively while tightening the screws, as this could damage your TV.
4	Verify that the television height and level is correct. If not so, it is possible to adjust its position while loosening the screws that anchor it to the <i>TV fastening bracket</i> unit.   <b>WARNING:</b> Pay full attention during this operation, as the screen is completely free.
5	Check the correct functioning of the Maior Omnia®.

Table 3 - 4

### 3.6. CONNECTION TO SOURCES OF ENERGY

#### 3.6.1 Connection and sectioning of the electric power



**WARNING:**

These tasks must be carried out by specialised and authorised operators.

Before proceeding, make sure that the line voltage corresponds to the one that appears in paragraph 2.1 "Technical data/characteristics".



The equipment must be connected to the electric power through the corresponding cable.

### 3.7. DEMOLITION AND DISPOSAL

With reference to demolition and waste disposal, note that the constituent parts of the machine are not made of dangerous materials and they largely consist of:

- ferritic steel;
- stainless steel;
- actuators;
- resins;
- electrical wiring with relative sheaths.

After dismantling the equipment, it is necessary to sort the various materials as per the standards in force in the country where the equipment is to be disposed.

The equipment does not contain dangerous components or substances that require special removal procedures.



**WARNING:**

**To ensure a proper environmental protection, remove and dispose all the materials obtained from the equipment demolition in compliance with the relative standards and regulations.**

#### 3.7.1 Dismantling procedure

Should it be necessary to disassemble the Maior Omnia® in order to carry out its demolition, proceed as follows:

- Check the environmental protection laws, in force where the equipment is in use.
- Group the components together according to their chemical nature.
- Proceed with the disposal as per the laws in force where the equipment is in use.
- During this process, observe all the rules and instructions regarding workers safety.



**WARNING:**

**The dismantling operations must be carried out by qualified personnel.**



**WARNING:**

**The laws vary from country to country; it is therefore necessary to comply with the regulations imposed by the laws and the relevant authorities in the country where demolition takes place.**

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#### 4.1. OPERATION DESCRIPTION



**WARNING:**

**Before moving the screen, make sure that there are no persons in the Maior Omnia® field of action.**



**WARNING:**

**If there is not a complete view of the Maior Omnia® field of action, the downwards and upwards movements of the Maior Omnia® are absolutely prohibited.**

The work cycle is divided into several stages, with four different control ways:

- App for smart devices (Paragraph 4.2.1);
- Manual push-button panel (Paragraph 4.2.2);
- Wall commands push-button panel (not included, connect it following the contacts scheme, paragraph 4.2.3);
- Home automation system (not included, connect it following the contacts scheme, paragraph 4.2.3).

#### 4.2. OPERATING MODE

The Maior Omnia® can be controlled remotely by using the free downloadable app for smart devices, described in paragraph 4.2.1.

Furthermore, the Maior Omnia® can be controlled manually, using a wired push-button panel as described in paragraph 4.2.2, or making use of the wall commands and/or home automation system, whose contacts map is described in paragraph 4.2.3.

## 4.2.1 App operating mode for smart devices

### 4.2.1.1. Router preparation

Place the Wi-Fi Router and its AC-DC adapter inside the ceiling, close to the central unit.  
Connect the power cable (AC/DC adapter plug) to the electrical grid.  
Consider the operation scheme for a proper use of the system (Image 4 – 1).



*Make sure that all the cables are correctly connected.*



**Do not change the Router configuration in any case, as it would affect its functioning with the central unit. Any change in the Router configuration will invalidate the warranty.**



*The Router may need a periodic refresh due to its factory characteristics and operating conditions. For technical assistance regarding the Router hardware, contact the reference company.*

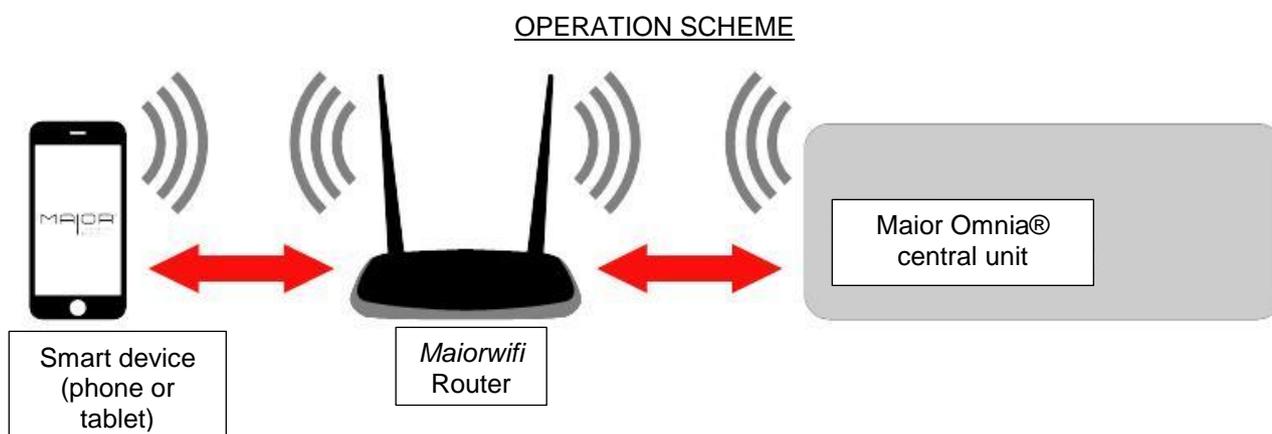


Image 4 – 1

To use the control system properly, your smart device must be connected to the Wi-Fi Router (maiorwifi). The Wi-Fi Router connects automatically to the central unit.



The "maiorwifi" Wi-Fi Router has not automatic access to the internet. If you want to have access to the internet with "maiorwifi", you will have to connect the Wi-Fi Router to your internet modem with an ethernet cable (maintaining the original configuration) (see image 4-2):

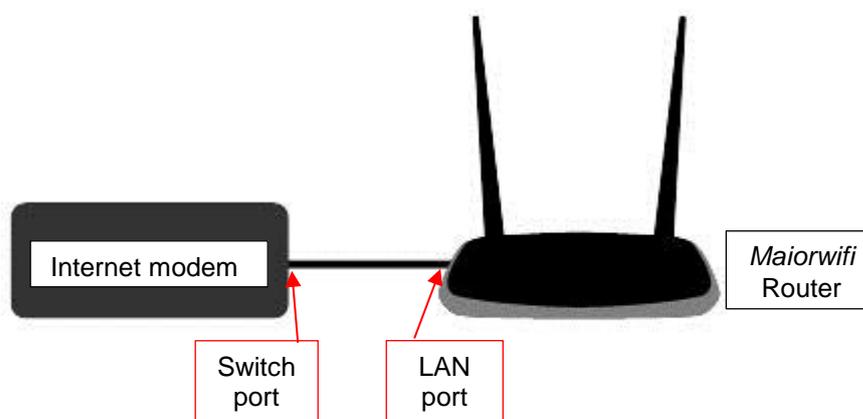


Image 4 - 2

#### 4.2.1.2. App installation and connection

To make use of the control via smart device, first of all you will have to install the official App "Omnia Remote" on your smartphone or tablet (iOS, Android), downloading it from the Play/App Store. Browse the results obtained by typing the keywords "omnia remote" or "maior remote", select the icon shown in the image below and install it.

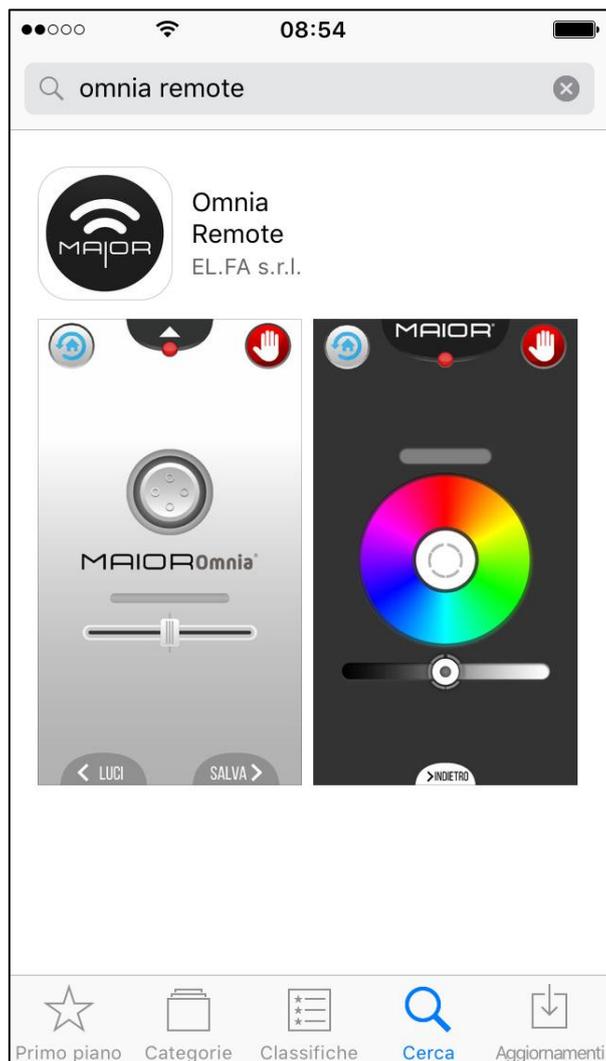


Image 4 - 3



*The "Omnia Remote" App has been tested with Apple® and Samsung® smart devices. Its correct functioning on your device may vary depending on its manufacturer and its operating system.*



*If the "Omnia Remote" App is not available in your Store, you can contact Maior® to ask for it and receive it by email, or download it online as a .exe file (using it from your PC or Android device). Maior® cannot guarantee the full compatibility with the devices on the market.*

Now, open the Wi-Fi settings to activate the Wi-Fi antenna and seek between the different Wi-Fi connections. Select "maiorwifi" (the SSID "maiorwifi" may vary in any Router depending on the machine installation).

Connect typing its password "maiorwifipass" (check the label on the Router to verify).



Image 4 - 4



To use the system with the "Omnia Remote" App, your device must be connected to its Wi-Fi Router (maiorwifi). It might be necessary to restart the App several times to connect correctly to the "maiorwifi" Router for the first time.



For more than one system, you will have to connect your device to one "maiorwifi" Router at a time. It is not possible to control more than one system with a single router. It is not possible to connect more than one device to a single router.



**WARNING:**

When your device is connected to "maiorwifi", do not use the App outside of / far from the room where your Maior® is installed. Move the machine only when you can directly see it, in order to avoid any damage or inconvenience to persons, animals or objects.

### 4.2.1.3 Method of use / characteristics

The "Omnia Remote" App is composed by 4 different menus, each one with 2 buttons (HOME and STOP) and specific commands as shown below.

- **Presets Menu:** here you can see and select the configurations that you have saved, to move automatically the machine as desired.



To select a preset, you first have to set and save a configuration in the Presets configuration menu (Image 4-6 at page 4-8).

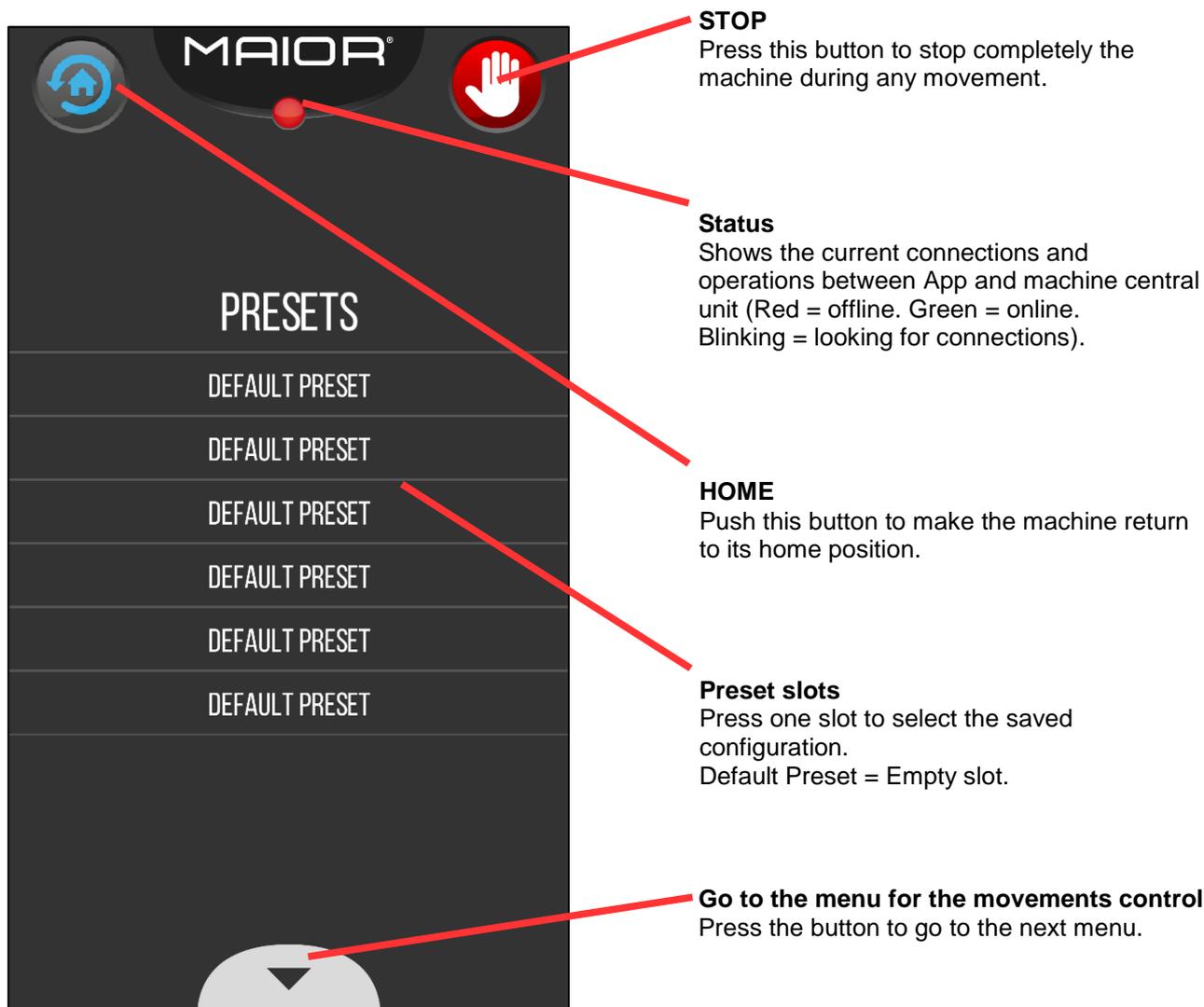


Image 4 - 5



Once you disconnect your smart device from a "maiorwifi" Router to connect another different smart device to the same router, the slots of the Presets menu will be empty, but they will work with the Presets that have already been stored in the memory of the central unit (relying on the same list position of the previous smart device).



**WARNING:**

Remember to update all the configurations of your new device to avoid any damage or inconvenience to persons, animals or objects.

- Menu for the movements control: here you can control directly your Maior Omnia®, scrolling the pad in the direction in which you want to move it.



**STOP**

Press this button to stop completely the machine during any movement.

**Go to the Presets menu**

Press the button to go to the Presets configuration menu or, in alternative, scroll upwards.

**Status**

Shows the current connections and operations between App and machine central unit (Red = offline. Green = online. Blinking = looking for connections).

**HOME**

Push this button to make the machine return to its home position.

**Height-rotation control cursor**

Scroll the cursor to move the machine. Look hereafter for the details of use.

**Tilt-overturning control cursor**

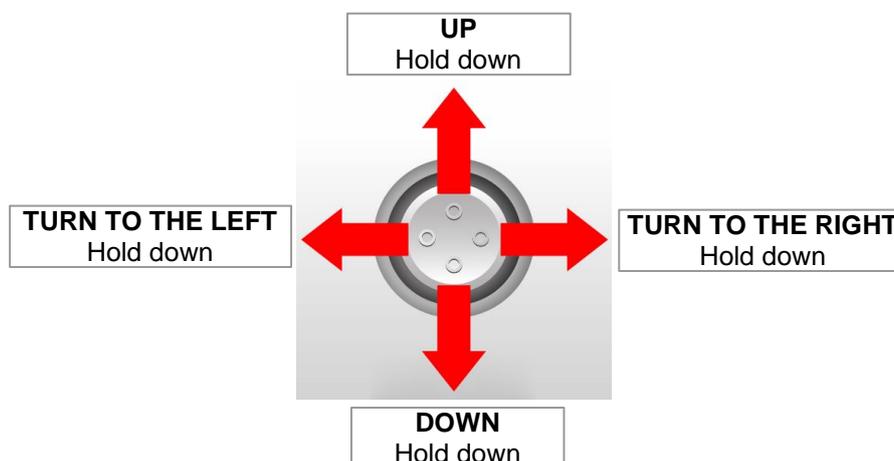
According to the Omnia® model, scroll the cursor to tilt the TV or to change the screen orientation from horizontal to vertical and vice versa.

**Lights / Save**

Click or scroll to go to the lights control menu or to the Presets configuration menu.

Image 4 - 6

Height-rotation control cursor operation details



- LED lights control menu: here you can select the tonality and the intensity of the LED RGB light produced in the base of the machine (when available).

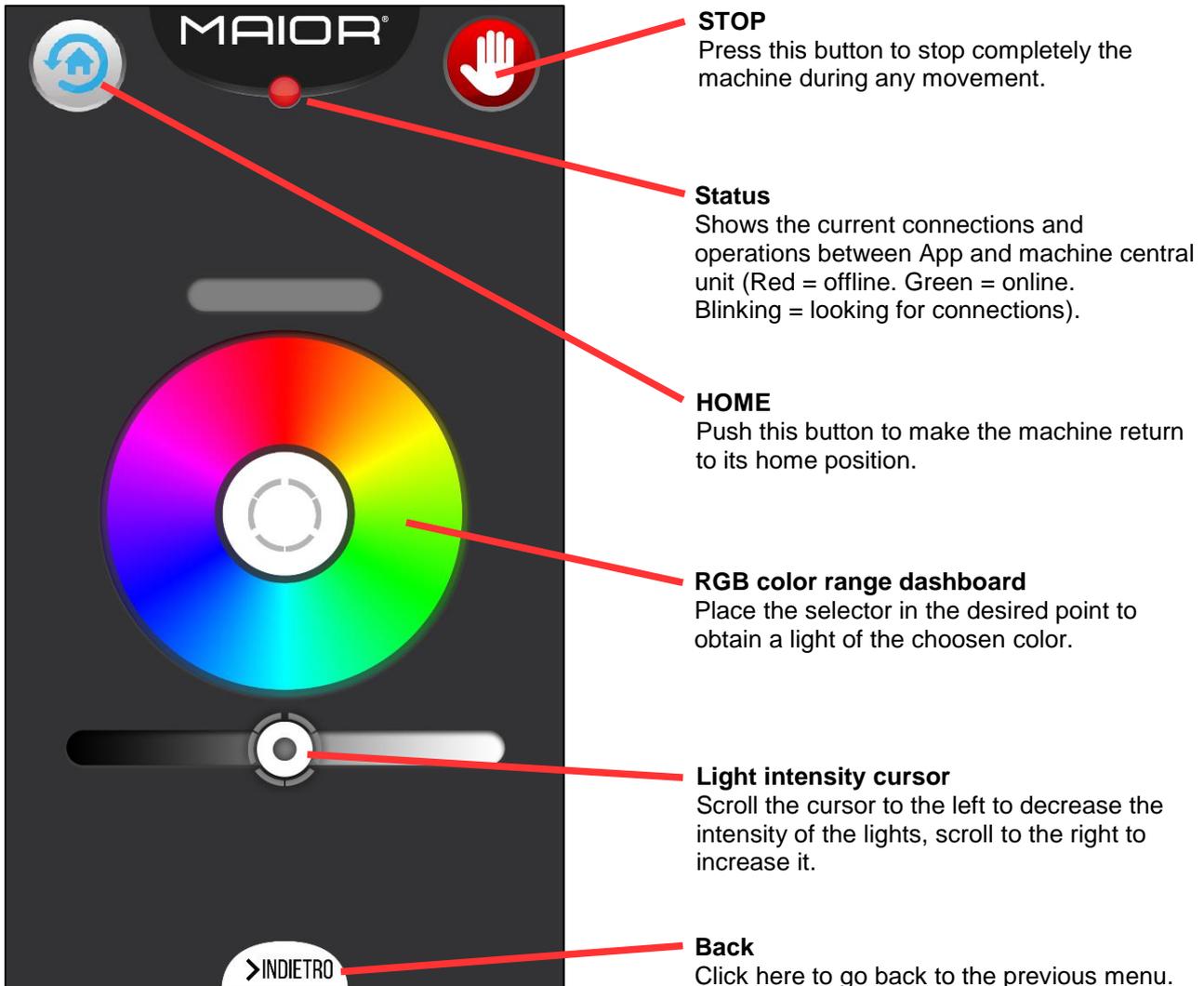


Image 4 - 7



*When a light tonality is selected, as soon as the favourite configurations are saved in the Presets menu, it is automatically stored with the machine positions.*

- Presets configuration menu: here you can save the current position of the machine in one or more available slots. These slots can be renamed and will appear in the Presets menu.

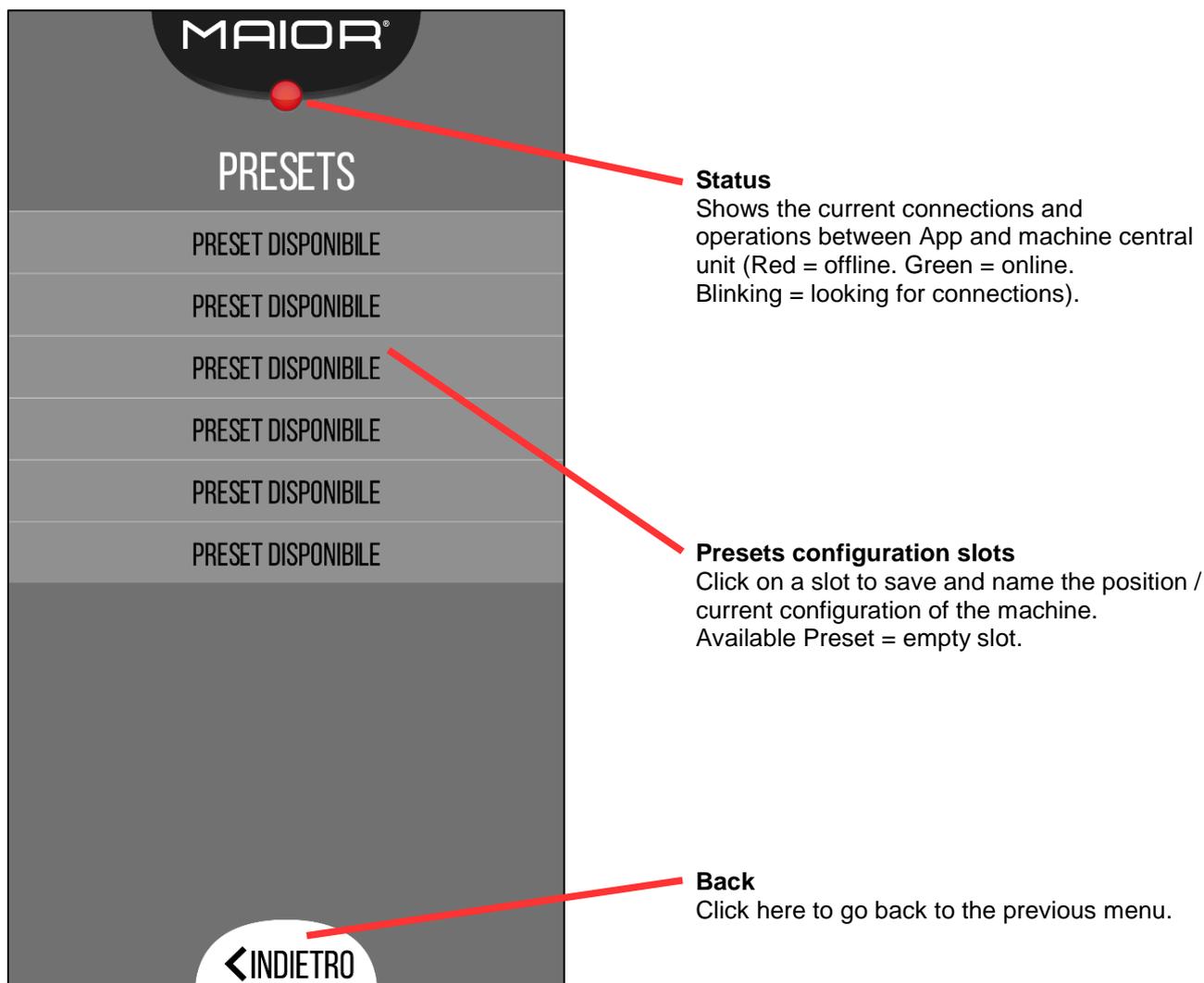


Image 4 - 8



*When you save a configuration, this is stored in the memory of the central unit.*



**Once you disconnect your smart device from a "maiorwifi" Router, in order to connect a different smart device to the same Router, the slots in the Presets menu will be empty, but they will work with the Presets that have already been stored in the memory of the central unit (relying on the same list position of the previous device).**



**WARNING:**

**Remember to update all the configurations on your new device, to avoid damages or inconveniences to persons, animals or objects.**

### 4.2.2 Push-button panel operating mode

The push-button panel is wired directly to the machine for a direct control. The graphic interface is composed by 8 buttons with their own command / function symbols (see image 4 – 9).



**NOTE:**

*Some buttons contain more than one symbol, as they include secondary functions: these ones can be activated by holding down first the MANUAL button and, simultaneously, the reference button. Similar procedure for the color choice: pressing the “Color choice” button and then, immediately, its secondary buttons causes its activation.*

PUSH-BUTTON PANEL

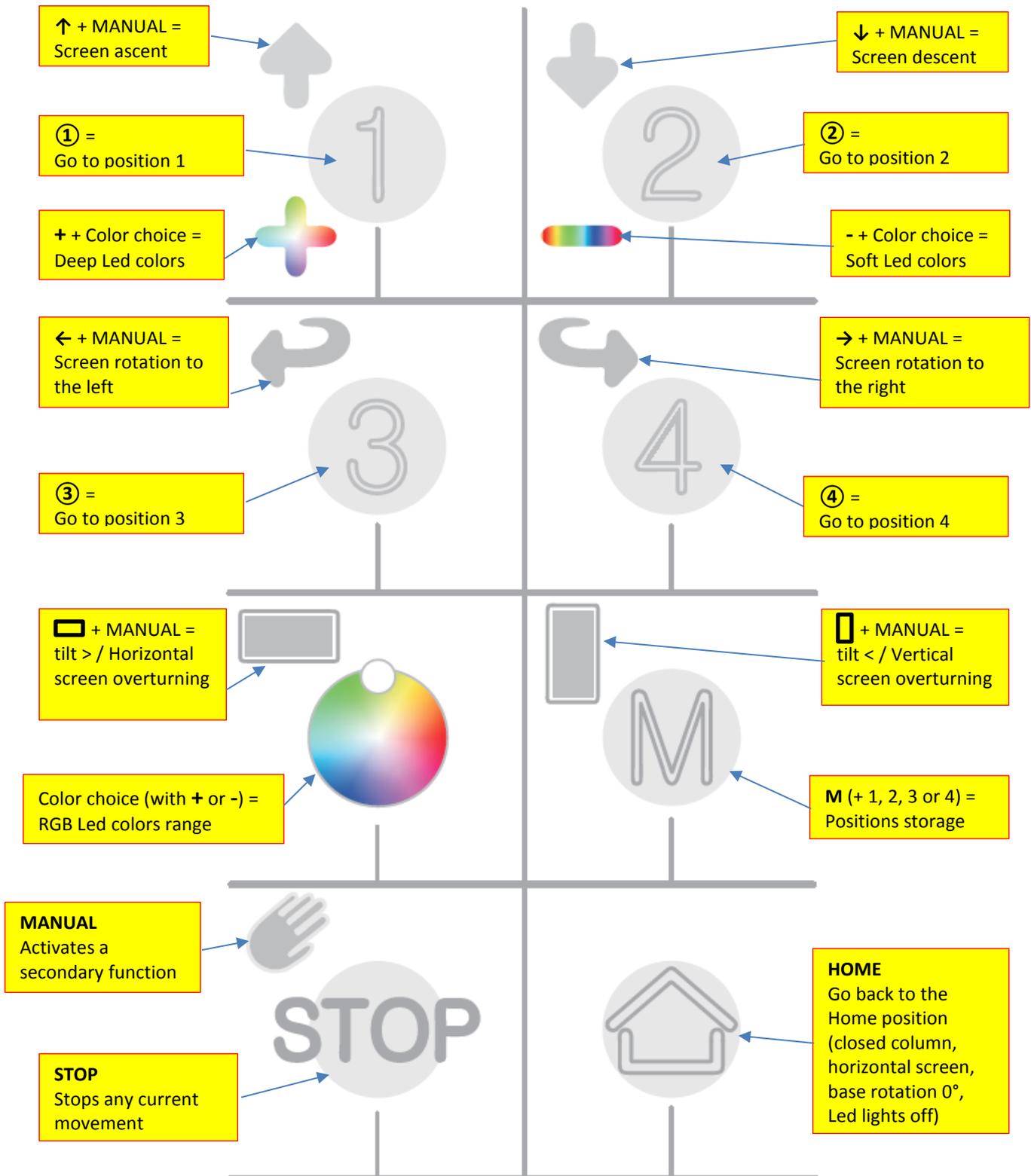


Image 4 - 9

### 4.2.3 Wall commands / home automation system operating mode

The following scheme refers to the dry contacts connections for a 9-pin cable, specific for the central unit commands that are connected, in order, to the terminal block (which is contained into the drawer placed in the rotation base) (Paragraph 3.5.1.1, step E).

To obtain the corresponding functions, connect following the scheme shown below.

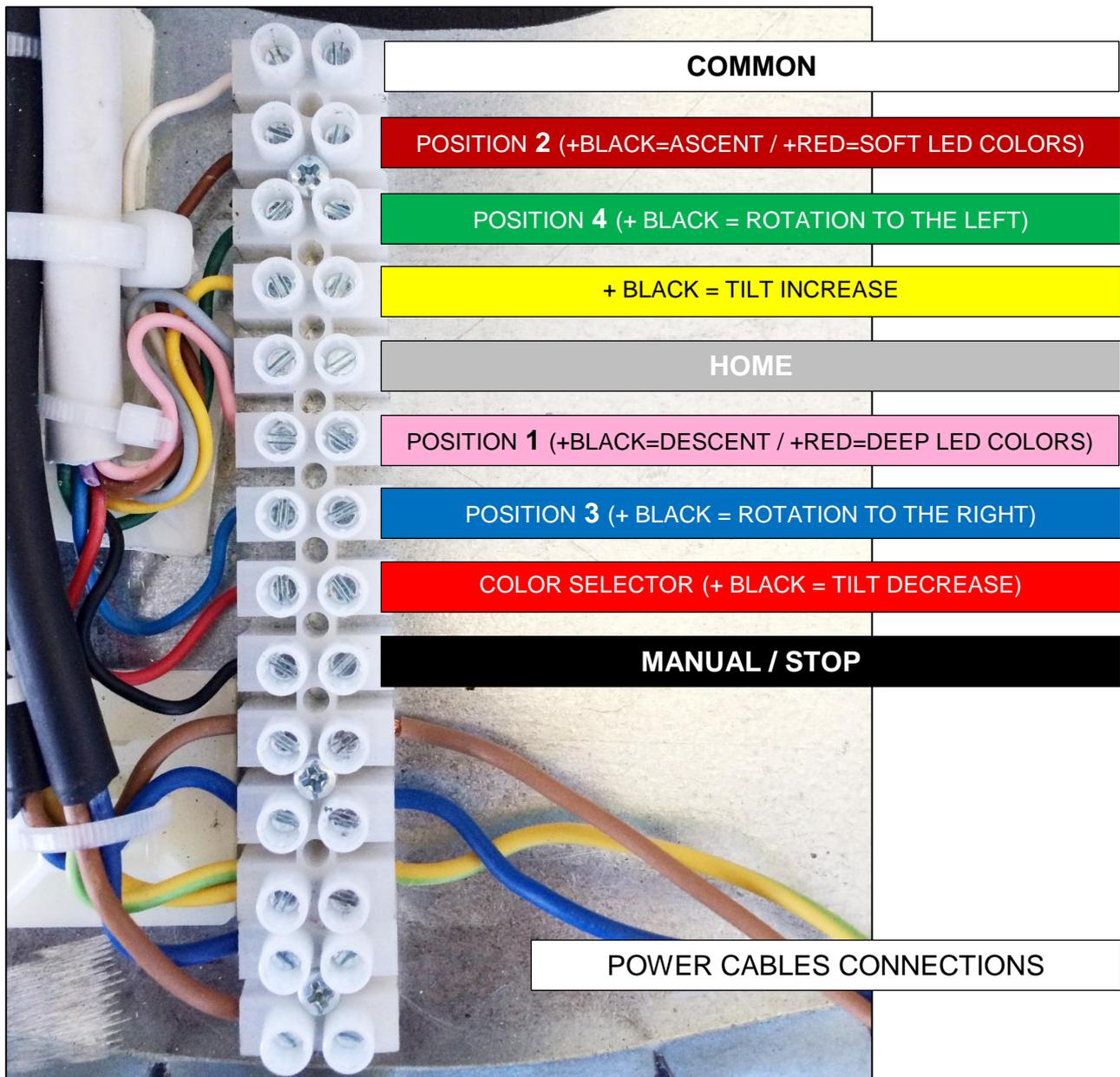


Image 4 - 10

### 4.3. INTENDED AND UNINTENDED USES

#### 4.3.1 Intended use

The equipment has been designed and assembled as a lifting device able to move a monitor or a Lcd television on the 3 axis (x,y,z). It can be used in a domestic context, within the limits described in paragraph 2.1 "Technical data / characteristics", and within the modalities fully described in paragraph 4.1 "Operation description".

#### 4.3.2 Unintended use

The equipment shall not be used for different purposes than the intended ones, specified in paragraph 4.3.1 "Intended use". A use, different from the one the machine has been designed for, can cause dangerous conditions for the exposed persons and for the machine.



**WARNING:**

The equipment has not been designed to work in a potential explosive area, so the installation and the use in this kind of situation are strictly forbidden.



**WARNING:**

A different use, from the one exposed in this manual, is considered as an improper use, so it is forbidden.

The manufacturer declines any responsibility for every different use of the machine, not contemplated in this manual.

#### 4.4. WORKING AREAS AND DANGEROUS AREAS



**NOTE:**

*In compliance with EU Directive 2006/42/EC the following definitions are provided:*

- **DANGEROUS AREA:** any area, inside and/or close to the equipment, in which the presence of an exposed person represents a risk for the health and the security of that person.
- **EXPOSED PERSON:** any person who is fully or partially into a dangerous area.
- **OPERATOR:** person(s) appointed to install, make work, maintain, clean, repair and transport the machine.

#### 4.5. EMPLOYED SAFETY DEVICES

The machine is equipped with an inner electronic safety device, that constantly verifies the power absorption of the motor. If the load exceeds, the machine stops.



**WARNING:**

**The machine must always be activated in presence of, at least, one person, in order to keep it monitored. Any other modality, not contemplated in this manual, is strictly forbidden.**

**It is also forbidden to tamper with - or to remove – the security devices and/or to dismantle the machine.**

**The manufacturer declines any responsibility for the lack of observation of this regulation.**

**INDEX**

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### 5.1. PROBLEMS, CAUSES AND REMEDIES

Hereafter are shown some possible issues, and the consequent remedies, for the device in question.

PROBLEMS	CAUSES	REMEDIES
The machine doesn't move	No power supply.	Check the correct connection to the electrical grid.
	No contact to the machine connections.	Check the cables connections: motors-central unit, central unit-push button panel, central unit-router.
	Loss of signal in the control systems.	Check the correct connection and functioning of the router, with its control app, and the connectors for wall-commands and home automation system (when present).
Strange noises during the vertical movement	Possible rupture of parts of the machine or of the interior chain.	Do not continue the movement. Risk of damages. Call the authorised assistance.

**Table 5 - 1**

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## **6.1. LIST OF ACCOMPANYING DOCUMENTATION**

- CE Declaration of conformity.

## **6.2. ANCHORS SPECIFICATIONS (in electronic CD form)**

Attached n.1: Technical data of the chemical anchors.

Attached n.2: Types of anchors (drilled supports, hollow filler blocks/tiles, etc...).

Attached n.3: Types of anchors (solid supports, reinforced concrete, solid bricks, etc...).