

# Mobility

by **ACTIU**

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User Manual

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# Dynamic work, healthy advantage

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Mobility by:  
ITEMdesignworks



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The user must read the  
manual before installing the  
equipment

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This user manual contains security instructions to take into account potential risks thus allowing correction handling of products. Please take into account this advice and instructions at all times.

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# Mobility

## 1.- Intended use

The units of the Control Box COMPACT®, may only be used for the intended purposes by the manufacturer, to control the adjustable electric desks. The control units must be installed, set up and checked by specialised personnel.

## 2.- Characteristics and Functionality

- Energy efficient Power Switching supply
- Low standby power consumption, reduced emissions "RF".
- Units "COMPACT Control Box", are available in 125V and 220V
- ISP (Intelligent Protection System)
- Programmable Safety Protection System)
- Reduced speed area

## 3.- Unpacking

All the electronic components, come packaged in a cardboard box, some components are even wrapped in plastic film. To unpack, do the following:

- Remove all the cardboard and plastic laminate from all the components
- Check the contents of the package
- Dispose of the packaging materials
- Keep the user manual in reach of the user

## 4.- Rules for Correct Operation



**Precaution:** do not open the compact control unit under any circumstances. Danger of electric shock and invalidates the guarantee.



**Precaution:** the compact control unit must only be connected to the voltage specified on the label.



**Precaution:** only use the power cable supplied with the control unit. Never use the compact control unit if the cable is damaged.



**Precaution:** before connecting and disconnecting any device, you must ensure that the power cable is disconnected.



**Precaution:** do not expose the compact control unit to humidity, drips or splashing.



**Precaution:** when you change the position of the desk top, there is a risk of collision or pinching, therefore, you must ensure there are no people or objects in the danger zone.



**Information:** you must only clean the compact control unit with a dry cloth. Before washing, you must always disconnect the power cable.



**Precaution:** only use the original pieces, these can be replaced by qualified personnel. In the case of any product failing please contact actiu customer services.

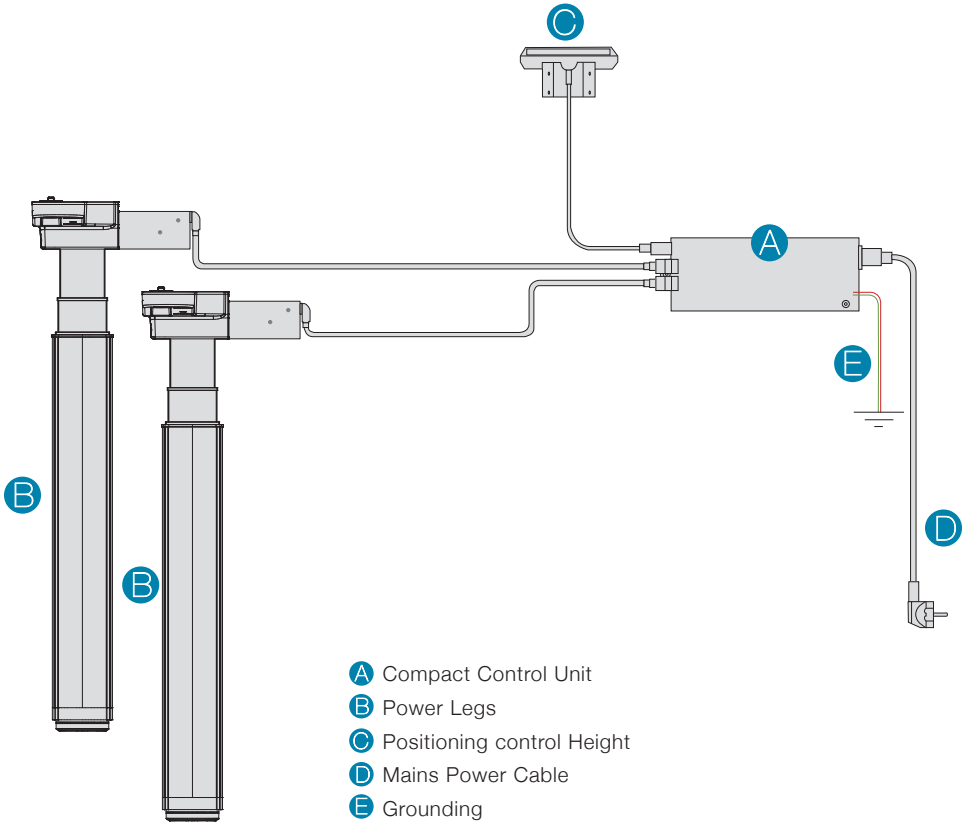


**Precaution:** maximum load to electric elevation desks is 60 kg, paying particular attention to the weight distributed on the surface and the weight of accessories.



**Very important:** the two legs which make up a desk must always be mounted together, both being the same height. In the event of having to dismount two or several desks to mount in a new place, you must take extra care to keep the two legs together. In the case of having a desk with legs with different heights, this may cause a serious mechanical failure of the legs.

## 5.- Assembly and Connection of the System





## 6.- Starting


The first step that we must take to start up the electric elevation desk is **to press RESET on the electronic control.**

In the **value '000' appears on and off the screen** it is necessary to **RESET** it.

### Procedure to carry out RESET

**1º**- Press the button **DOWN ARROW/DOWN**  hasta until the desk has reached the **lowest position**. Release the button.

**2º**- Press the button **DOWN ARROW/DOWN**  again and **hold it down**. After 5 seconds, the desk will move slowly down again to reach the absolute lowest position.

**3º**- **Release the button DOWN ARROW/DOWN**  . Now the elevation desk will be able to be used normally.

## 7.- Types of control

The Mobility desks have two types of controls:

**Simple control** : with 2 buttons, (UP/Down)

**Digital control** : with 2 buttons (UP/Down), 4 memories and digital control panel



Simple control with 2 buttons (UP/Down)



Digital control with 4 memories

## 8.- Operation with Simple control

### 8.1.- PRESS UP/DOWN BUTTONS

It enables you to vary the height of the desk freely. You have to press the corresponding key to elevate the desk. The movement will only occur while pressure is maintained without stopping.



Simple control



Button to raise the table



Pulsador para bajar la mesa

## 9.- Operation with Digital control

### 9.1.- PRESS UP/DOWN BUTTONS

It enables you to vary the height of the desk freely. You have to press the corresponding key to elevate the desk. The movement will only occur while pressure is maintained without stopping.



Digital control



Button to raise the table



Button to lower the table

### 9.2.- MEMORY MANAGEMENT



Using the digital control we can manage four memories for different heights of the desk, in addition to the buttons UP/DOWN.

#### Saving the height in the memory

For example, suppose we want the position in memory 1 to have a height of 73 cm. We proceed as follows:

**1º** - Press the UP ARROW/UP or DOWN ARROW/DOWN until it displays the value 73 in the digital screen.

**2º** - Press the key **S** and hold down **1** ; you will hear the sound of two 'clicks' and the height of 73 cm will be stored in the number 1 key. We will use the same way to store the other three heights in the keys 2, 3 and 4.

#### How to recall the height in the memory

When we wish to put the desk in one of the heights, which were previously stored, we can do it two ways:

**1º** - If we press the corresponding key, for example **1**, holding it down, the desk will move to the preset height, even if you continue to press it.

**2º** - If you press the corresponding key twice, the desk will automatically move until the memorized height without the necessity to hold down the key all the time.

### 9.3.- MANAGING HEIGHT LIMITS





The equipment is provided with a function to limit heights, both for the bottom as well as the top. These limits can be used to avoid possible collisions with shelves and lower furniture.



#### Saving Height Limits



##### Lower Limit

**1°** -  Lower the desk to the safety position, then continuously press  , for 10 seconds, a **double "click" will confirm that the lower stop has been set correctly.**

**2°** - To remove it press  until you reach the position and press  for 10 seconds, a **"click" will confirm that the lower limit has been removed correctly.**

##### Upper Limit

**1°** -  Elevate the desk until the safety position, continuously press  for 10 seconds, a **double "click" will confirm that the upper limit has been set correctly.**

**2°** - To remove it press  until you reach the position and press  for 10 seconds, a **"click" will confirm that the upper limit has been removed correctly.**

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## 10.- Error Messages

Possible errors that can occur during operation:

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**HOT** **CAUSE:** Overheating has caused the control unit to stop.  
**SOLUTION:** Wait 18min until the control unit has cooled down and the message will disappear.

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**12** **DESCRIPTION:** Defect Leg 1  
**POSSIBLE SOLUTION:** 1° Unplug the Main Power Cable.  
2° Check connections and reconnect.

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**13** **DESCRIPTION:** Defect Leg 2  
**POSSIBLE SOLUTION:** 1° Unplug the Main Power Cable.  
2° Check connections and reconnect.

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**24** **DESCRIPTION:** Overconsumption Motor Leg 1  
**POSSIBLE SOLUTION:** 1° Unplug the Main Power Cable.  
2° Remove the excess load on the leg.  
3° Remove any objects blocking the displacement

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**25** **DESCRIPTION:** Overconsumption Motor Leg 2  
**POSSIBLE SOLUTION:** 1° Unplug the Main Power Cable.  
2° Remove the excess load on the leg.  
3° Remove any objects blocking the displacement

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**67** **DESCRIPTION:** Improper voltage  
**POSSIBLE SOLUTION:** Unplug the Main Power Cable.

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## 11.- Regulatory Compliance

### Europe

- TCO ,04 Office Furniture Norm
- DIN EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008
- DIN EN 61000-6-3\*VDE 0839-6-3: 2007 09
- DIN EN 61000-6-2\*VDE 0839-6-2: 2006 03
- DIN EN 61000-3-2:2006
- DIN EN 61000-3-3:2007
- SELV according to EN60335-1

### United States of America and Canada

- cULus 60950
- CSA C22.2 60950-1-03

### Australia

- IEC 60335-1:2006
- DIN EN 61000-6-3\*VDE 0839-6-3: 2007 09
- DIN EN 61000-6-2\*VDE 0839-6-2: 2006 03

## 12.- Informations techniques

Voltage supply	Eu: 207-254,4V / 50Hz Us: 90-127V / 50-60Hz
Quiescent	<0.6W
Performance	83% @ 300W Input Power
Accuracy of the measurement of the motor @ 100% Output 4-8 motor	± 20%
Temperature	0-30 °c
Operating relative humidity	5-85% (without condensation)
Temperature of transport & storage	-40 – 85°C
Relative humidity for storage	5 – 90% (without condensation)
Protection class with earth terminal	I
Cable length	3M ± 50Mm



This product is compatible with RoHS according to the EU directive 2002/95/CE



This product is compatible with REACH according to the EU directive 2006/121/EC (Edict 1907/2006)



The COMPACT motor control box is an electronic device in accordance with the Directive 2002/96 CE and is characterized therefore by the symbol displayed on the left side.

**ACTIU, 45 YEARS DESIGNING PUBLIC AND  
WORK SPACES.**

A company with an industrial career in the installation sector, specializing in the creation of furniture, whose flexibility and productive capacity allow the development of global sourcing projects at an international level offering solutions which provide for the welfare of people.







#### ACTIU TECHNOLOGICAL PARK

A sustainable industrial project, certified by LEED® GOLD by the U.S. Green Building Council. A philosophy turned into architecture. A place where innovation and the production of office furniture for the project team, obtains more efficient and comfortable spaces.

Architect: José María Tomás Llavador







## SUSTAINABILITY

Central pillar of a current business whose principals are based on a social, economic and environmental dimension.

## ARCHITECTURE

A philosophy reflected throughout our Technology Park, an example in the reuse of energy and sustainable environmental service.

## TECHNOLOGY

We use the latest technologies in a balanced and responsible way, a guarantee highly valued by our customers

## RESPECT FOR THE ENVIRONMENT

A culture which represents the philosophy of our business

## INTERNATIONALISATION

Global coverage. Presence in 65 countries.



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[www.actiu.com](http://www.actiu.com)

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