
For electric adjustable desk with metallic color RAL 7021 & WHITE GREY**Alma HT****Alma HC**

www.dromeas.com

Height adjustment 650 - 1290mm

Lifting capacity 125kg

DROMEAS S.A.

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DROMEAS
OFFICE FURNITURE

Preface and instructions for the user

This operating manual informs you about the accessories, operation, use and maintenance of the Alma HT/HC working desk with electric height adjustment. These operating instructions are part of the Alma HT/HC working desk. They are valid only as a complete document. This manual should also be included in the case of resale of this office desk. Users of the Alma HT/HC working desk must read and comply with these safety instructions.

Dromeas implements a quality management system that meets the requirements of DIN EN ISO 9001. The product has been certified in accordance with EN 527-1, EN 527-2, EN 527-3, GS and RAL UZ 38:

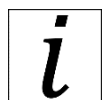
A five year guarantee of good functioning is provided. With regard to electrical components, a two-year warranty is provided.



Safety Precautions and Instructions

The electrically adjustable Alma HT/HC working desk is designed exclusively for office use. Any other or further use is considered inappropriate. In the event of inappropriate use, Dromeas assumes no liability for any damages that may be incurred and no guarantee for the perfect and functional use of the parts. The intended use also includes compliance with all the instructions in this manual.

Safety instructions help to avoid personal injuries and material damage. The basic precautions for the unpacking, assembly and operation of the working desk should be carefully read in Chapter 3.



Information: Dromeas assumes no liability or warranty for damages and malfunctions resulting from noncompliance with the operating instructions.

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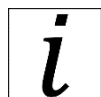
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1. Introduction

The ALMA desk range has been enriched with design solutions and proposals that respond to the current needs of flexibility and ergonomics in the modern work environment.

The ability to adjust the height of the working surface ensures maximum fitting of the furniture to the user. It creates a functional and flexible workspace, while maintaining its unified aesthetics. The lifting mechanism (motors) is mounted on two vertical supports (lifting units) on the working desks. The height adjustment of the desk is achieved by selecting the corresponding keys on the handset. The adjustment range is 640-1290 mm, the maximum lifting speed is estimated at 35 mm / sec and the lifting capacity is limited to 125 kg.

The following instructions give you a detailed description of the product with reference to the packaging and the various parts, technical specifications and materials used, as well as its ergonomic and environmental aspects. Furthermore we provide all the necessary instructions for the life cycle of the product: from assembly and use to the end of the life cycle. Finally, you can find a glossary of relevant concepts as well as the assembly plans attached.



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2. Product description

2.1 Packaging and parts (see Attachement)

All available accessories are listed in the technical description of the product that is published on the website <https://www.dromeas.com>

A wide range of accessories in various materials, surfaces and colors is available for our products. For detailed information about available system components and additional orders and subsequent deliveries, please contact Customer Support <https://www.dromeas.com> or visit the online store <https://eshop.dromeas.gr>

2.2 Used materials

2.2.1 Packaging

The working desk is packed in a polystyrene carton. For desktop protection, edge and corner protectors made of PE are used.

2.3 Technical data

2.3.1 Working desk

Alma HT / HC

Dimensions:

DROMEAS catalogue

Weight:

(see label)

2.3.2 Electrical parts

Control and movement

Maximum ambient temperature for storage and transport:	-5 °C to 50 °C
Maximum operating temperature:	5 °C to 40 °C
Maximum storage, transport and operation humidity:	80%, without condensation
Rated frequency:	50 Hz
Rated voltage:	230 V AC ~ ± 10%
Load capacity:	up to 125 kg
Maximum operating cycle:	2 min ON / 18 min OFF
Protection category (with grounding):	I
Maximum power consumption during lifting: -2 telescopic columns per working desk: -3 telescopic columns per working desk:	
Power consumption in standby mode:	= 0,1 W
Noise emissions	< 60 dB (A)

2.4 Optimal desk height

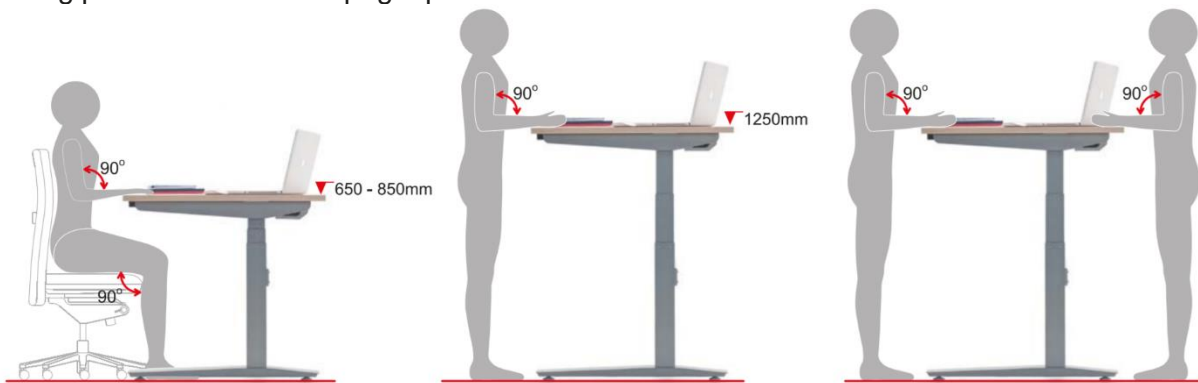
Adjusting the optimum desk height is critical for the right work position. Even with the use of an ergonomic office chair, it is necessary to get up for a while. The human body benefits more from the frequent position change. Static loads in the spine are minimized and blood circulation improves. With an ergonomic working desk in everyday life, we feel more energetic and creative.

"Movement is part of our nature, only death leads to total rest"
- Blaise Pascal (famous mathematician, physicist and philosopher)

To adjust the optimum desk height when you are sitting, follow these steps:

1. Sit on the office chair
2. The thigh with the tibia must be at least 90 degrees and the seat should be approximately the same as your knees. If not, adjust your office chair higher or lower. Your back should always rest on the back of the chair
3. Let your hands loose. Fold the forearms in the office chair or desktop. The keyboard is located exactly horizontally on your forearms. Otherwise, the height of the office should be adjusted accordingly upwards or downwards

Our pictures and drawings will help you properly set up your computer's office both in the sitting position and in the upright position:



2.5 Environmental aspects of the product

DROMEAS, with a sense of responsibility towards the environment and the future generations, adopts systems / tools (LCA) for the development of its products. The study of such analysis by the designers of the company and their cooperation with the construction department contributes to the continuous development and improvement of the products it produces in order to fully meet the category of green and environmentally friendly products according to the European regulations:

- Minimal design to minimize the use of raw materials, while maintaining the required stability and safety in accordance with relevant European and international standards.
- Use of raw materials, especially wood, from controlled sources. This ensures that they come from sustainable environmental management according to PEFC and FSC standards.
- Exclusive use of materials that are compatible with the latest safety and health requirements for the end user. Specifically, in this office you use an E1 class surface desk and an antibacterial powder to cover its metal parts.

3. Instructions for use

3.1 Safety regulations

The electrically adjustable Alma HT/HC working desk is designed exclusively for office use. Any other or further use is considered inappropriate use. In the event of inappropriate use, Dromeas assumes no responsibility for any damages that may occur and no guarantee for the perfect and functional operation of the parts. The intended use also includes compliance with all the instructions in this manual.



DANGER: Contact with electrical voltage can cause serious injury or death!

Unplug or insert plug connections only when there is no voltage

Do not attempt to open the enclosures of the following items: controller, lifting units, control lever

Metal parts of the work desk may have a high voltage and cause damage to cables and connections

Do not ground electrical equipment on the desk frame



WARNING: Risk of crushing!

Ensure that there is enough lateral clearance (at least 2.5 cm) in all surrounding objects, walls, etc. throughout the lifting stroke range

WARNING: Risk of injury and damage!

When transporting or moving the office, keep it carefully only from the frame

WARNING: Risk of injury and damage!

If a CPU computer base is loaded with a weight greater than the approved weight (15 kg), the fastening screws may break.

3.2 Unpackaging and disposal of packaging material

It is suggested that you keep children at a safe distance when unpacking. As described in section 2.2.1, the packaging of the product consists of light, reusable materials. The user is required to perform a separation of the packaging materials. It should be noted that the company works with certified recyclers.

3.3 Assembly and installation

Dromeas recommends that the installation be made by a specialist representative or an assembly company. For correct assembly, please refer to the assembly drawing (see attachment). It is necessary to check the electrical equipment of the working desk. Only disconnect or install the electrical connections when there is no electrical voltage.



DANGER: Contact with electrical voltage can cause serious injury and death!

The supply connections can only be made by qualified and authorized personnel

3.4 Height adjustment / Compensating for ground anomalies

To compensate for ground anomalies, rotate the regulators up to 2.0 cm respectively.

Note: If the workplace must be moved or changed, it should be done by at least two people. Dragging is not recommended as this may cause damage to sensitive floors.

3.5 Handset

3.5.1 Lock and un-lock the handset (for memory handset - optional equipment)

To lock the handset press and hold the "M" button (about 8 seconds) until the LED display switches to "5-" and then to "LOCK". Release the button. The handset is locked.

To unlock the handset press and hold the "M" button (about 8 seconds) until the LED switches from "LOC" to the height display. Release the button. The handset is unlocked.

3.5.2 Define memory positions (for memory handset - optional equipment)

Pressing the up and down arrows will move the surface up or down. You can see the exact height position of the working desk in the illuminated LED on the control panel. Once you reach the desired height, release the key.

The handset can save four height positions.

To save the desired height in memory, proceed as follows:

1. Move the desktop to the desired height by pressing the "up" or "down"
2. Now press the "M" button
3. Then, tap one of the four memory buttons on which you want the location to be saved. The desired location has been saved!

The desktop will reach the saved height at any time by simply holding down the default memory key.



WARNING: Risk of damage to the handset!

Do not rest on the handset

Do not drop liquids on the handset

3.5.3 Adjusting the upper and lower desk height limits (for memory handset - optional equipment)

If window curtains or other objects prevent the table's surface from moving, both the upper and lower height limits can be defined as follows:

a. Setting the Upper-Limit position:

1. Use the UP/DOWN buttons to move the desk surface to the desired maximum-height position.
1. Press the "M" for one time and release, then press the "UP" button for

2. one time and release. The LED display will show "5". then press and hold the "M" button (about 2 seconds) until the LED display changes to "999". The display will automatically return to the selected height. The new upper limit is now set.

b. Setting the Lower-Limit position:

2. Use the UP/DOWN buttons to move the desk surface to the desired minimum-height position.
3. Press the "M" button for one time and release, then press the "DOWN" button for one time and release. The LED display will show "5". Then press and hold the "M" button (about 2 seconds) until the LED display changes to "000". The display will automatically return to the selected height. The new lower limit is now set.

3.5.4 Deletion of upper and lower desk height limits (for memory handset-optional equipment)

Press and hold the "M" button until the LED display flashes "5 -" and then release it. Within 5 seconds, press the "M" button again and hold for 2 seconds. The LED display will change to "555" and then automatically return to the height display. The upper and lower limits are now removed.

3.5.5 Reset procedure

If the actual height of the desk surface is no longer in line with the height displayed on the screen or when the control unit is replaced with another, the Reset procedure must be started in the following sequence:

1. Press and hold the "DOWN" button on the handset until the desk reach the lowest height
2. Then release the "DOWN" button
3. Press and hold the "DOWN" button until "RST" appear on the LED screen
4. Release the "DOWN" button
5. Now, press the "DOWN" button until the desk surface has gone down a bit, then slightly lift and finally stop
6. Release the "DOWN" button. The desk is ready for use!

3.5.6 Adjusting the surface's transition to the default memory location (for memory handset - optional equipment)

1. Press the "DOWN" button on the Handset until the base reaches its lowest position.
2. Press and hold the "DOWN" button again until the LED display reads "RST".
3. Press and hold the "1" button (about 5 seconds) while the LED flashes "RST" and then switches to either:
 - 10.1 = Adjust to the default memory location with One-Touch
 - 10.2 = Adjust to the default memory location with Constant-Touch

4. Choose one of the above positions and release the button "1".
5. Press and hold "1" button again until the desired setting is reached. Once the chosen setting is displayed, release the button and wait about 5 seconds for the display to return to "RST".
6. Finish the reset process by pressing and holding the "DOWN" button until the desk lowers a little bit more, slightly rises and stops. Release the button. The new setting is saved, and your desk is now ready to use.

3.5.7 Selection for sensitivity and anti-collision level (for handset controller-optional equipment)

1. Press the "DOWN" button on the Handset until the base reaches its lowest position
2. Press and hold the "DOWN" button again until the LED display reads "RST".
3. Press and hold the "UP" button (about 5 seconds) while the LED flashes "RST" and then switches to either:
 - 10.5 = 10 kg. pressure (most sensitive)
 - 10.6 = 15 kg pressure (middle setting)
 - 10.7 = 20 kg pressure (least sensitive)
4. Choose one of the above sensitivity levels and release the "UP" button.
5. Press and hold the "UP" button again until the desired setting is reached. Once the chosen setting is displayed, release the button and wait about 5 seconds for the display to return to "RST".
6. Finish the reset process by pressing and holding the DOWN button until the desk lowers a little bit more, slightly rises and stops. Release the button. The new anti-collision sensitivity setting is saved, and your desk is now ready to use.

3.6 Collision tracking

The Alma HT/HC desk is equipped with a modern collision detection system. Thanks to the advanced protection system, even the smallest office disturbance is recorded when moving up and down. As a result, the movement of the surface is interrupted immediately when obstructed and immediately moves towards the opposite direction. This ensures reliable collision detection and maximum safety when moving the desktop.



WARNING: Risk of injury and damage!

Although the collision tracking system reliably detects even very small unusual movements of the desk surface, it cannot be 100% guaranteed to avoid injuries to office users or nearby people. As a result, no liability for body injury or other damages is assumed! Users are responsible for avoiding injury and other damage during office operations.

3.7 Care and maintenance

When using the working desk for the first time, you may notice oil traces in lifting units. Please wipe with a dry or slightly damp cloth. Commercial detergents available to clean the office surfaces can be used. Only use care and cleaning products that are suitable for the respective

materials (wood, plastic, metal). The use of chemical or biological cleansers is not required. The electric height adjustment mechanism of the desk does not require maintenance. Other maintenance work must only be carried out by authorized specialist personnel.

A five year warranty is given for good operation. With regard to electrical components, a two-year warranty is provided.



CAUTION: Moisture may damage the control unit and the control unit!

Keep the controller and control unit away from moisture and water

3.8 Disassembly

Disassembly must be carried out by qualified personnel. For reassembly, refer to section "3.3 Assembly and Installation".

3.9 Storage and transportation

A pallet truck is required to carry the desk. If unpacking is to be done on the floor, protective material or carpet should be placed on the floor to avoid possible damage to the surface of the office.

If storage is temporary, consider the maximum ambient temperature or humidity for storage and transportation (see section 2.3.2).



WARNING: Risk of injury and damage!

When lifting the desk surface or attachments, the fastening screws may crack. When transporting or moving the work desk, hold it only from the frame.

3.10 Disposal, reuse, recycling

The product is designed to minimize the impact on the environment during its life cycle. All its parts, which are made of plastic, metal and wood, are recyclable. On the other hand, replacing parts of the product is easy if there is wear, so the product is not totally rejected.

If the product is ultimately disassembled and disposed of, please:

1. Disconnect the working desk from the power connections
2. Disassemble the working desk in individual parts
3. Separate the resulting parts according to:
 - a. Reusable parts
 - b. Group of materials to be discarded (wood, metal, plastic, electrical parts)

Observe the relevant national regulations.

4. Glossary

Desk surface: the area in which the user works on the working desk

CPU holder: the base on which the computer unit is supported

Category E1: A system of guidelines describing the chipboard emission class

Electrical cable: the component that connects the electrical components together, as well as the main power source

Regulators: the plastic parts of the office frame that come into contact with the floor

Lifting process: is the process by which the office surface moves from the lowest to the highest position or vice versa

Lifting field: the space within which the office surface moves

PEFC, FSC: Wood processing certificate from controlled and sustainable forest reforestation

Lifting units: the vertical lifting columns that support the surface

Control unit: a device located beneath the desk surface to power and synchronize the lifting units

Traverse: The metal accessory that connects the two lifting units to each other