

MANUAL

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EASY2move



EASY2move - Operating Manual

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1 GENERAL INFORMATION

Documentation for the EASY2move Handset consists of this Operating Manual and several other documents (Other applicable documents, page 5). Assembly personnel must read all documentation before starting assembly. Keep all documentation for as long as the product is in your possession. Ensure that all documentation is provided to subsequent owners. Go to www.logicdata.net for more information and support. This Manual may change without notice. The most recent version is available on our website.

1.1 OTHER APPLICABLE DOCUMENTS

This Operating Manual contains assembly instructions for the EASY2move Handset. Other applicable documents include:

- Datasheet for the EASY2move Handset.
- Datasheet and Operating Manual for the Control Box in the Table System
- Datasheet and Operating Manual for the Actuator(s) in the Table System

1.2 COPYRIGHT

© August 2019 by LOGICDATA Electronic und Software Entwicklungs GmbH. All rights reserved, except for those listed in Chapter 1.3 Royalty-free use of images and text on page 5.

1.3 ROYALTY-FREE USE OF IMAGES AND TEXT

After purchase and full payment of the product, all text and images in Chapter 2 "Safety", may be used free of charge by the customer for 10 years after delivery. They should be used to prepare end user documentation for Height-Adjustable Table Systems. The license does not include logos, designs, and page layout elements belonging to LOGICDATA. The Reseller may make any necessary changes to the text and images to adapt them for the purpose of end user documentation. Texts and images may not be sold in their current state, and may not be published or sublicensed digitally. The transfer of this license to third parties without permission from LOGICDATA is excluded. Full ownership and copyright of the text and graphics remain with LOGICDATA. Texts and graphics are offered in their current state without warranty or promise of any kind. Contact LOGICDATA to obtain text or images in an editable format (documentation@logicdata.net).

1.4 TRADEMARKS

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2 SAFETY

2.1 TARGET AUDIENCE

This Operating Manual is intended for Skilled Persons only. Refer to [Chapter 2.8 Skilled Persons on page 9](#) to ensure that personnel meet all requirements.

2.2 GENERAL SAFETY REGULATIONS

In general, the following safety regulations and obligations apply when handling the product:

- Do not operate the product unless it is in a clean and perfect condition
- Do not remove, change, bridge, or bypass any protection, safety, or monitoring equipment
- Do not convert or modify any components without written approval from LOGICDATA
- In the event of malfunction or damage, faulty components must be replaced immediately
- Unauthorized repairs are prohibited
- Do not attempt to replace hardware unless the product is in a de-energized state
- Only Skilled Persons are allowed to work with EASY2move Handsets
- Ensure that national worker protection conditions and national safety and accident prevention regulations are observed during operation of the system

2.3 INTENDED USE

The EASY2move is a Paddle Switch Handset for electrically Height-Adjustable Tables. It is installed by Resellers into Height-Adjustable Table systems. It is used to control Height-Adjustable Table systems via a Control Box. It is intended for indoor use only. It may only be installed in compatible Height-Adjustable Table Systems and with LOGICDATA-approved accessories. Contact LOGICDATA for further details. Use beyond or outside the intended use will void the product's warranty.

2.4 REASONABLY FORESEEABLE MISUSE

Usage outside of the intended use may lead to minor injury, serious injury, or even death. Reasonably foreseeable misuse of the Handset includes, but does not extend to:

- Using the Handset as a hook (for coats etc.), a door-/window-stop, or an armrest
- Connecting unauthorized parts to the product. If you are unsure as to whether a part can be used with a Handset, contact LOGICDATA for further information

2.5 EXPLANATION OF SYMBOLS AND SIGNAL WORDS

Safety Notices contain both symbols and signal words. The signal word indicates the severity of the hazard.

| | |
|--|--|
|  DANGER | Indicates a hazardous situation which, if not avoided, will result in death or serious injury. |
|  WARNING | Indicates a hazardous situation which, if not avoided, could result in death or serious injury. |
|  CAUTION | Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. |
|  NOTICE | Indicates a situation which, if not avoided, could result in damage to the product through electrostatic discharge (ESD). |
| NOTICE | Indicates a situation that will not lead to personal injury, but could lead to damage to the device or the environment. |
|  INFO | Indicates the protection class of the device: Protection Class III. Protection Class III devices may only be connected to SELV or PELV power sources. |
| INFO | Indicates important tips for handling the product. |

2.6 LIABILITY

LOGICDATA products comply with all currently applicable health and safety regulations. However, risk can result from incorrect operation or misuse. LOGICDATA is not liable for damage or injury caused by:

- Improper product use
- Disregard of the documentation
- Unauthorized product alterations
- Improper work on and with the product
- Operation of damaged products
- Wear parts
- Improperly performed repairs
- Unauthorized changes to the operating parameters
- Disasters, external influence, and force majeure

The information in this Operating Manual describes the characteristics of products without assurances. Resellers assume responsibility for the LOGICDATA products installed in their applications. They must ensure their product complies with all relevant directives, standards, and laws. LOGICDATA shall not be held liable for any damage that is directly or indirectly caused by the delivery or use of this document. Resellers must observe the relevant safety standards and guidelines for each product in the Table System.



2.7 RESIDUAL RISKS

Residual risks are the risks that remain after all relevant safety standards have been complied with. These have been evaluated in the form of a risk assessment. Residual risks associated with the installation of the EASY2move Handset are listed here and throughout this Operating Manual. See also [Chapter 1.1 Other Applicable Documents on page 5](#). The symbols and signal words used in this Operating Manual are listed in [Chapter 2.5 Explanation of Symbols and Signal Words on page 7](#).



- ! WARNING Risk of death or serious injury through electric shocks**
EASY2move Handsets are electrical devices. Although you will not have to connect the Handset to the Control Box during assembly, basic safety precautions must be taken at all times. Failure to observe electrical safety precautions may lead to death or serious injury through electric shocks.
- Never open the Handset
 - Ensure that the Handset is not connected to the Control Box during assembly
 - Do not convert or modify the Handset in any way
 - Do not immerse the Handset or its components in liquid. Clean only with a dry or slightly damp cloth
 - Do not place the Cable of the Handset on heated surfaces
 - Check the housing and cables of the Handset for visible damage. Do not install or operate damaged products.

- ! WARNING Risk of death or serious injury in explosive atmospheres**
Operating the Handset in potentially explosive atmospheres may lead to death or serious injury through explosions.
- Read the relevant directives to determine if an atmosphere is potentially explosive
 - Do not operate the Handset in potentially explosive atmospheres

- ! WARNING Moderate risk of serious injury through electric shocks**
While cleaning or using the system, liquid intrusion may lead to serious injury through electric shocks.
- Do not allow any components to become wet during cleaning
 - Ensure components are placed away from areas where spillages are likely to occur
 - Take care not to spill liquids onto or around the system
 - If liquid intrusion does occur, replace the Handset immediately.

- ! CAUTION Risk of minor or moderate injury through tripping**
During the assembly process, you may have to step over Cables. Tripping over Cables may lead to minor or moderate injury.
- Ensure that the assembly area is kept clear of unnecessary obstructions
 - Be careful not to trip over Cables

- ! CAUTION Risk of minor or moderate injury through crushing**
If excessive force is applied to the EASY2move, the Table System may become damaged. The use of damaged products may lead to minor or moderate injury through crushing.
- Do not apply excessive force to the Handset



2.8 SKILLED PERSONS



CAUTION

Risk of injury through incorrect assembly

Only Skilled Persons have the expertise to complete the assembly process safely. Assembly by Unskilled Persons may lead to minor or moderate injury.

- Ensure that only Skilled Persons are allowed to complete assembly
- Ensure that persons with limited ability to react to danger do not take part in the assembly process

EASY2move Handsets may only be installed by Skilled Persons. A Skilled Person is defined as someone who:

- Is authorized for installation planning, installation, commissioning, or servicing of the product
- Has read and understood all documentation relevant to the Handset
- Has the technical education, training, and/or experience to perceive risks and avoid hazards
- Has knowledge of the specialist standards applicable to the product
- Has the expertise to test, assess, and manage electrical and mechatronic products and systems in accordance with the generally accepted standards and guidelines of electrical engineering and furniture manufacturing

2.9 NOTES FOR RESELLERS

Resellers are companies that purchase LOGICDATA products for installation in their own products.

| | |
|-------------|--|
| INFO | For reasons of EU conformity and product safety, Resellers should provide end users with an Operating Manual in their native EU official language. |
| INFO | <p>The Charter of the French Language (La charte de la langue française) or Bill 101 (Loi 101) guarantees the right of the population of Quebec to conduct business and commercial activities in French. The bill applies to all products sold and used in Quebec. For table systems that will be sold or used in Quebec, Resellers must provide all product-relevant texts in French. These include, but are not limited to:</p> <ul style="list-style-type: none"> • Operating Manuals • All other product documentation, including datasheets • Inscriptions on the product (such as labels), including those on product packaging • Warranty certificates <p>The French inscription may be accompanied with a translation or translations, but no inscription in another language may be given greater prominence than that in French.</p> |
| INFO | Operating Manuals must include all the safety instructions that end users require to handle the product safely. They must also include an instruction to always keep the Operating Manual in the immediate vicinity of the product. |
| INFO | No unauthorized persons (young children, persons under the influence of medications, etc.) should be allowed to handle the product. |
| INFO | Resellers must perform a risk assessment on their product that covers residual hazards. It must include measures to mitigate risk, or reference the product's Operating Manual. |

3 SCOPE OF DELIVERY

The standard scope of delivery for the EASY2move Handset consists of the Handset and its pre-attached cable. All other components necessary for installing the Handset must be supplied separately by the reseller.

4 UNPACKAGING

NOTICE Ensure proper ESD handling during unpackaging. Damage that can be attributed to electrostatic discharge will void warranty claims.

To unpackage the product:

1. Remove all components from the packaging
2. Check the contents of the package for completeness and damage
3. Provide the Operating Manual to the operating personnel
4. Dispose of the packaging material

NOTICE Dispose of the packaging material in an environmentally friendly manner. Remember to separate plastic parts from the cardboard packaging.

5 PRODUCT

The illustrations in this chapter show a standard model of the EASY2move Handset. The exact variant of the EASY2move is denoted by the product's order code. Consult the accompanying data sheet to ensure that you have received the correct variant.

5.1 KEY PRODUCT FEATURES

| | |
|---|-----------------|
| 1 | LEDs |
| 2 | Mounting Points |
| 3 | Save Button |

*Cable not shown.

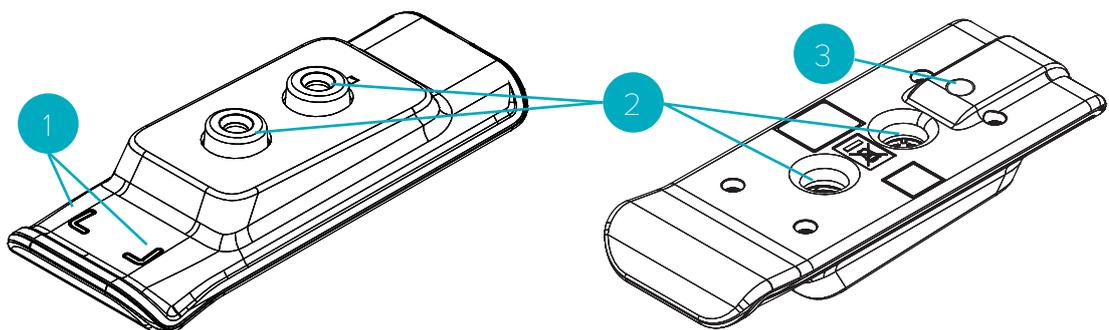


Fig. 1: Product features, EASY2move (top view left, bottom view right)



5.2 DIMENSIONS

| | |
|--|---------------------|
| Length | 121.82 mm 4.796 " |
| Width | 47.22 mm 1.859 " |
| Height (Contact Point to Mounting Point) | 25.85 mm 1.136 " |

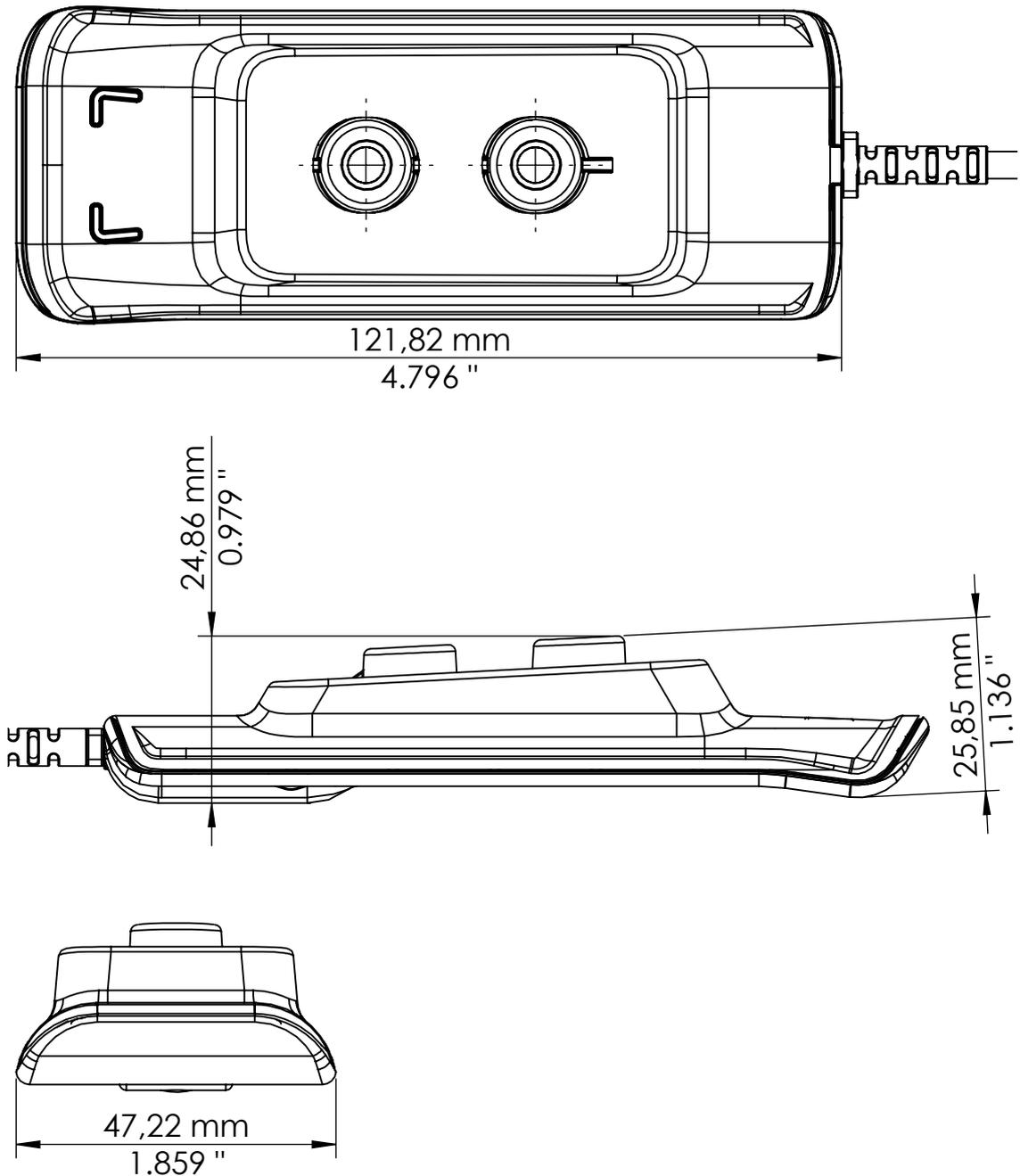


Fig. 2: Product dimensions, EASY2move



5.3 DRILLING TEMPLATE

The Drilling Template below is a recommended Mounting Position. Resellers are allowed to choose any suitable position for the EASY2move. In the recommended Mounting Position, the EASY2move is positioned so that the distance from the front edge of the table to the centre of the first Mounting Point is 40 mm. The Handset should not protrude from the side of the Table. The distance between the centres of the mounting points (diameter 5.3 mm) is 25 mm.

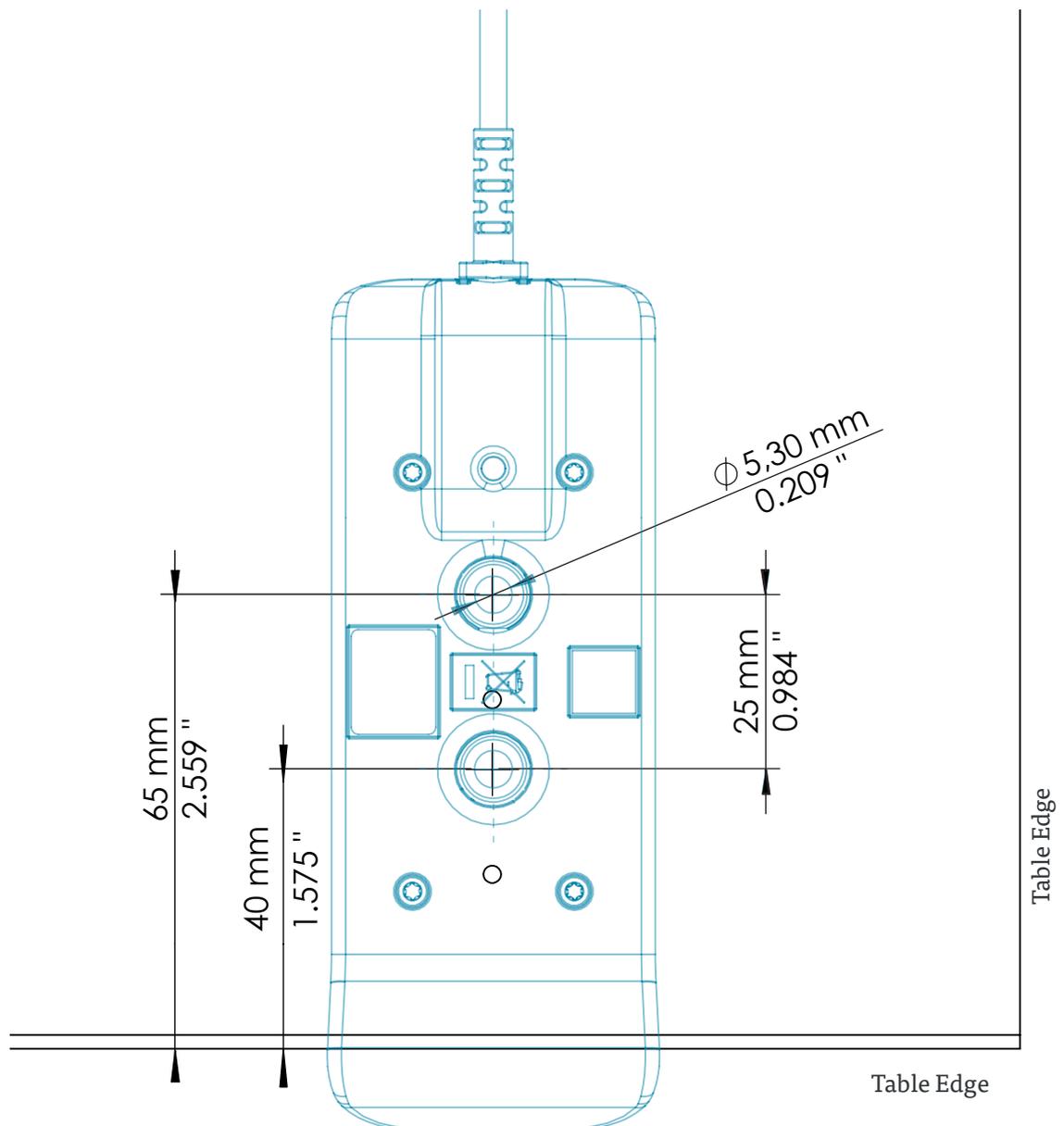


Fig. 3: Drilling Template, EASY2move

6 ASSEMBLY

This chapter describes the process of installing the EASY2move into the Height-Adjustable Table System.

6.1 SAFETY DURING ASSEMBLY

CAUTION **Risk of minor or moderate injury through improper handling**
 Improper handling of the product during assembly may lead to minor or moderate injury through cutting, pinching, and crushing.

- Avoid contact with sharp edges
- Be careful while handling tools that may cause personal injury
- Ensure assembly complies with the generally accepted standards and guidelines of electrical engineering and furniture manufacturing
- Read all instructions and safety advice carefully

CAUTION **Risk of minor or moderate injury through tripping**
 During assembly and operation, poorly routed Cables may become a trip hazard. Tripping over Cables may lead to minor or moderate injury.

- Ensure that Cables are routed properly to avoid trip hazards
- Be careful not to trip over Cables when installing the Handset

NOTICE Ensure proper ESD handling during assembly. Damage that can be attributed to electrostatic discharge will void warranty claims.

NOTICE To avoid damage to the product during assembly, ensure:

- You have measured the dimensions of the product before assembly.
- All parts are acclimatised to the ambient conditions.
- You do not lift the Handset by its cable

INFO Perform a product risk assessment so that you can respond to potential residual hazards. Assembly instructions must be included in your end user Operating Manual.

6.2 REQUIRED COMPONENTS

| | |
|------|--|
| 1 | EASY2move |
| 2 | 2 Mounting Screws (supplied by Reseller) |
| Tool | Drill or Drilling Machine |
| Tool | Screwdriver |

INFO **Screw specifications**
 The Mounting Points for the EASY2move have a diameter of 5.3 mm. The Mounting Screws must be long enough to pass through the housing and should hold the Handset safely and securely in place. Exact specifications can be provided by LOGICDATA on request.

6.3 PROCESS

1. Position the Handset under the table top and mark the position of the mounting points or use the Drilling Template on page 12 to help you.
2. Drill the holes into the Table Top.
3. Use the screwdriver and Mounting Screws to attach the Handset to the Table Top at the drilled holes.

NOTICE Tightening torque depends on the material of the Table Top. Do not exceed 2 Nm.

6.4 COMPLETING ASSEMBLY

After the EASY2move is attached to the Table Top, you must connect the Cable to the Control Box. Refer to the manual for your chosen Control Box for instructions.



7 OPERATION

! CAUTION **Risk of minor or moderate injury through uncontrolled movement**
The table may not always stop exactly at the expected position. Failure to anticipate the table's movements may lead to minor or moderate injury through crushing.

- Wait until the system has completely stopped before attempting to use the table

! CAUTION **Risk of minor or moderate injury through unsecured objects**
While the table moves up and down, unsecured objects may fall off the table and onto body parts. This may lead to minor or moderate injury through crushing.

- Ensure loose objects are kept away from the edge of the table
- Do not leave unnecessary objects on the table during movement

! CAUTION **Risk of minor or moderate injury through crushing**
Attempting to use the Table System before it is properly mounted and connected may result in malfunctions. These may lead to minor or moderate injury through crushing.

- Ensure all Components have been mounted safely
- Ensure all Cables are properly connected
- Ensure that all required Actuators are ready to be operated
- Do not operate the Table System until it is properly connected

This section of the Operating Manual contains a selection of instructions for operating the Table System to which the EASY2move Handset is connected. EASY2move Handsets are compatible with a large number of LOGICDATA Control Boxes. Before using the Table System, you must also read the Operating Manual for the installed Control Box, including all relevant safety information, in full.

7.1 ADJUSTING THE TABLE TOP HEIGHT

! CAUTION **Risk of minor or moderate injury through crushing**
Your fingers may be crushed when you attempt to change the height of the table

- Keep fingers away from moving parts
- Ensure that no persons or objects are in the table's range of motion

INFO The Table Top will move up or down until the paddle is released, or if a pre-defined stopping point has been reached.

7.1.1 MOVING THE TABLE TOP UP

Gently lift and hold the paddle until the desired height has been reached (Fig. 4).

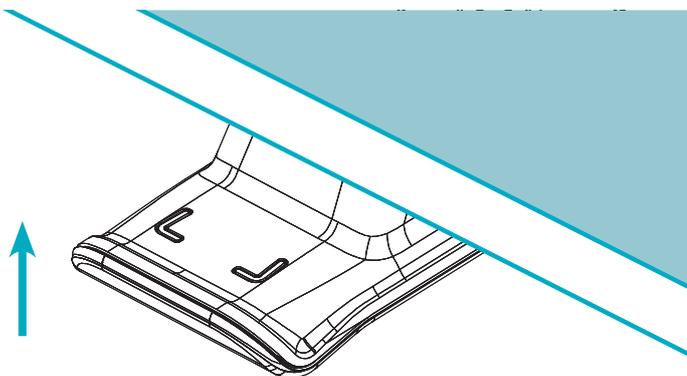


Fig. 4: Moving the Table Top Up



7.1.2 MOVING THE TABLE TOP DOWN

Gently push and hold down the paddle until the desired height has been reached (Fig. 5).

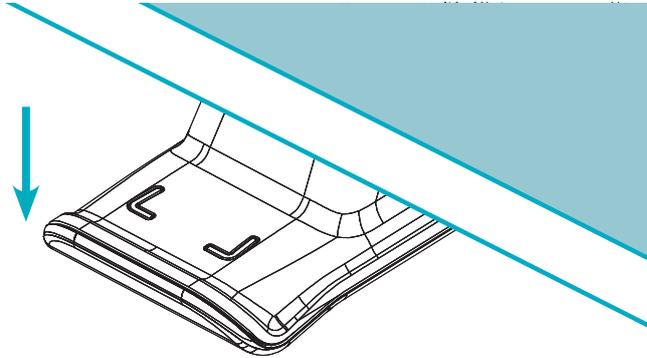


Fig. 5: Moving the Table Top Down

7.2 MEMORY POSITIONS

INFO The ability of your EASY2move Paddle Switch to use Memory Positions depends on the Control Box it is connected to. Always read the your Control Box's Operating Manual for full instructions and safety advice.

7.2.1 SAVING A MEMORY POSITION

This function saves a set Table Top position. One Memory Position can be saved in the upper half of the Movement Area (standing) and one in the lower half (sitting).

1. Move the table to the desired height (Chapter 7.1).
2. Press the SAVE Key.
3. Move the Paddle upwards if you are saving a standing position, downwards for sitting.

7.2.2 ADJUSTING THE TABLE TO A MEMORY POSITION

! CAUTION **Risk of minor or moderate injury through crushing**
Your fingers may be crushed when you attempt to change the height of the table

- Keep fingers away from moving parts
- Ensure that no persons or objects are in the table's range of motion

This function allows you to move the Table Top to a saved memory position.

1. Push the Paddle in the direction of the position you wish to reach (up for "Stand", down for "Sit").
 - ▶ The Table Top will stop for 2 seconds when the Memory Position is reached. If you release the Paddle before the Memory Position is reached, the table will stop.
2. To continue movement, keep holding the Paddle until the table moves again.



7.3 CONTAINER STOP AND SHELF STOP POSITIONS

These features can limit the movement area of the Table Top (if e.g. a container is below the table or a shelf is above it). Container Stop Positions become the new lowest end position, Shelf Stop Positions the highest.

INFO

Container Stop Positions can only be saved only in the lower half of the movement area, Shelf Stop Positions in the upper half. You must set each position separately.

7.3.1 SAVE A CONTAINER STOP OR SHELF STOP POSITION

1. Use the Paddle to move the Table Top to the desired height.
2. Press and hold the **SAVE Key** for 10 seconds.
 - ▶ The Container Stop / Shelf Stop Position is saved (Container Stop if you are in the bottom half of the movement area, Shelf Stop if you are in the top half).

7.3.2 DELETE A CONTAINER STOP OR SHELF STOP POSITION

1. Use the Paddle to move the Table Top to the position you wish to delete.
2. Press and hold the **SAVE Key** for 10 seconds.
 - ▶ The Container Stop / Shelf Stop Position is deleted (Container Stop if you are in the bottom half of the movement area, Shelf Stop if you are in the top half).

7.4 PERFORMING A POSITION RESET PROCEDURE



CAUTION

Risk of minor or moderate injury through crushing

Collision Detection (ISP) is inactive during start-up and reset processes. This may lead to minor or moderate injury through crushing.

- Ensure that no persons or objects are in the table's range of motion

The Position Reset Procedure is used to align the position of the Actuators within the Table System. It is required before first use of the Table System.

1. Gently push and hold down the paddle until the table stops at the lower position limit
2. Release the Paddle
3. Push and hold down the Paddle again
 - ▶ The table will move down slightly, then up again
4. Release the Paddle
 - ▶ The Position Reset Procedure is complete.

INFO

If your Control Box has been parameterized with additional stopping points (e.g. a Container Stop Position), repeat Step 3 until the table has moved upwards again.

7.5 FACTORY RESET (S0 RESET)

With this function, you can reset the Control Box to its factory settings.

1. Disconnect the Control Box from the mains.
2. While disconnected, press and hold the SAVE Key
3. Reconnect the Control Box. Hold the Keys until the Control Box clicks twice per second.
4. Release the SAVE Key.



8 ADDITIONAL INFORMATION

8.1 SOFTWARE-DEPENDENT FUNCTIONS

A full list of Software-Dependent Functions can be found in the Manual of the installed Control Box.

8.2 DISASSEMBLY

To disassemble the EASY2move, disconnect the Control Box from the mains. Then, follow the assembly instructions in reverse order.

8.3 MAINTENANCE

The EASY2move Handset is maintenance-free.



- ! WARNING Risk of death or serious injury through electric shocks and other hazards**
- Using a Handset alongside unauthorized spare or accessory parts may lead to death or serious injury through electric shocks and other hazards.
- Only use accessory parts produced or approved by LOGICDATA
 - Only use replacement parts produced or approved by LOGICDATA
 - Only allow Skilled Persons to perform repairs or install accessory parts
 - Contact customer services immediately if the system malfunctions
- The use of unauthorized spare or accessory parts may cause system damage. Warranty claims are void in this scenario.

8.3.1 CLEANING

1. Disconnect the Control Box from the mains.
2. Wait 30 seconds for residual voltage to dissipate.
3. Wipe the Handset with a dry or slightly damp soft cloth. Never immerse the Handset in liquid.
4. Wait for the Handset to dry completely.
5. Reconnect the Control Box.

8.3.2 REPLACING A HANDSET

1. Disconnect the Control Box from the Mains.
2. Disconnect the Handset from the Control Box.
3. Remove the Handset from the Table Top.
4. Mount the new Handset onto the Table Top.
5. Plug the Handset back into the Control Box.
6. Reconnect the Control Box to the Mains.

8.4 TROUBLESHOOTING

Usually, malfunctions occur when Handsets are pressed while calibrating. If the Handset fails to function, you will need to restart the system. To do this:

1. Unplug the Handset from the Control Box.
2. Plug the Handset back into Control Box.
3. After a few seconds the Handset is ready for operation.

A list of common problems and their solutions can be found in the Manual of the installed Control Box.

8.5 DISPOSAL



The EASY2move is subject to the WEEE Directive 2012/19/EU.

- Dispose of all components separately from household waste. Use designated collection points or disposal companies authorized for this purpose



MOTION FOR YOUR LIFE

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