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LOGICDATA
MOTION FOR YOUR LIFE

DYNAMIC MOTION **system**

CONFIGURATION **Handbook**

motion
for
your
LOGIC **OFFICE**

DYNAMIC MOTION System - Configuration Handbook

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INFO This manual is valid for all configurations of the DYNAMIC MOTION system

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1 GENERAL INFORMATION

Documentation for the DYNAMIC MOTION System consists of this Configuration Handbook and several other documents (Other applicable documents, page 5). Read all documentation before assembling or operating the Table System. Keep all documentation for as long as the products are 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

The DYNAMIC MOTION Configuration Handbook assumes that the reader has assembled the products in the Table System and has read the following documents:

- Datasheet and Operating Manual for the installed DYNAMIC MOTION Actuator
- Datasheet and Operating Manual for the installed User Interface (Handset or other)
- Datasheet and Operating Manual for the installed Power Hub (DYNAMIC MOTION Power Hub or LOGICDATA-approved external Power Supply)
- DYNAMIC MOTION system Manual

1.2 COPYRIGHT

© January 2020 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 customer may make any necessary changes to the text and images to adapt them for the purpose of end user documentation. No part of the text and no image may be used without the prior written consent of LOGICDATA. Texts and images may not be sold in their current state, and may not be published or sublicensed digitally.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).

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2 SAFETY

2.1 TARGET AUDIENCE

The DYNAMIC MOTION system Configuration Handbook is intended for Skilled Persons only. Refer to Chapter 2.8, Skilled Persons on page 8 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 DYNAMIC MOTION system 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, any faulty components must be replaced immediately
- Unauthorized repairs are prohibited
- Do not attempt to replace hardware unless the system is in a de-energized state
- Only skilled persons are allowed to work on the Table System
- 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 DYNAMIC MOTION system is a group of products intended to operate electrically Height-Adjustable Tables. It is intended for indoor use only. The system may only be installed in compatible Height-Adjustable Tables and with LOGICDATA-approved accessories. Contact LOGICDATA for further details. Use beyond or outside the intended use will void the product's warranty. Please refer to the Operating Manual of each product in the DYNAMIC MOTION system to determine its individual intended use.

2.4 REASONABLY FORESEEABLE MISUSE

Usage outside of the intended use for each product could lead to minor injuries, serious injuries, or even death. Reasonably foreseeable misuse of the system includes, but does not extend to:

- Using the system as a climbing or lifting aid for people or animals
- Connecting unauthorized products to the Table System. If you are unsure as to whether a product can be used with the system, contact LOGICDATA for further information
- Overloading the Table System

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 a 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 relevant industry standards, which are listed in the product's datasheet. However, risk can result from incorrect operation or misuse. LOGICDATA is in particular not liable for damage or injury caused by:

- Improper product use
- Accidental usage
- Clear misuse/abuse of the Table System
- Disregard of the documentation
- Unauthorized product alterations
- Improper work on and with the Table System
- Operation of damaged products
- Normal wear and tear of the Table System or its components
- Wear parts
- Improperly performed repairs
- Unauthorized changes to the operating parameters
- Disasters, external influence, and force majeure

The information in this documentation describes the characteristics of the system 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 connection and commissioning of the system are listed here and throughout this Configuration Handbook. The risks associated with mounting each product to the Table System are detailed in the respective product's Operating Manual. The risks associated with operating the Table System are detailed in the DYNAMIC MOTION system 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 in explosive atmospheres
Operating the system 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 system 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

CAUTION

Risk of injury through exposure to harmful gases
Operating the system using damaged cables may lead to overheating and the release of harmful gases. Inhaling these gases may lead to minor or moderate injury.
- Do not use damaged Cables
- Ensure that Cables are not clamped during assembly

CAUTION

Risk of minor or moderate injury through crushing
Self-retention (i.e. the ability of the Table System to maintain its position while stationary and in movement) is a safety issue that must be considered by all resellers. Although the DYNAMIC MOTION system was designed with measures to help prevent the Table System from slipping, the risk of uncontrolled movement is dependent on the design of the Height-Adjustable Columns and – if applicable – the installed 3rd party spindles themselves. Resultantly, LOGICDATA cannot assume responsibility for this risk. Failure to ensure self-retention may lead to minor or moderate injury through crushing between parts or by falling objects, which may be caused by unexpected movement of the Table System.
- Ensure that Height-Adjustable columns are designed with sufficient friction to prevent uncontrolled movement
- Contact LOGICDATA for further advice and design specifications

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 any Handset Key becomes stuck while the system is in motion, the system may not stop properly. This may lead to minor or moderate injury through crushing.
- Disconnect the system immediately if any Handset Key becomes stuck

CAUTION

This appliance can be used by children from 8 years and above and people with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children must not play with the appliance. Cleaning and maintenance by the user must not be performed by children, unless they are over 8 years old and supervised.

2.8 SKILLED PERSONS

⚠ **CAUTION**	**Risk of injury through incorrect installation** Only Skilled Persons have the expertise to complete the installation process safely. Installation by unskilled persons can lead to minor or moderate personal injury. • Ensure that only Skilled Persons are allowed to complete the installation • Ensure that persons with limited ability to react to danger do not take part in the assembly process

The Table System may only be assembled by Skilled Persons. A Skilled Person is defined as someone who:

- Is authorized for installation planning, installation, commissioning, or maintenance/servicing of the product
- Has read and understood all DYNAMIC MOTION system documentation and the documentation for other connected products.
- 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	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: • Operating Manuals • All other product documentation, including datasheets • Inscriptions on the product (such as labels), including those on product packaging • Warranty certificates 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.
INFO	Documentation must include all the safety instructions that end users require to handle the product safely. They must also include an instruction to always keep any relevant documentation 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 scope of delivery depends on which type of Table System will be assembled, and which accessories have been chosen. A list of required products is provided with the instructions for each configuration.

4 COMPONENT OVERVIEW

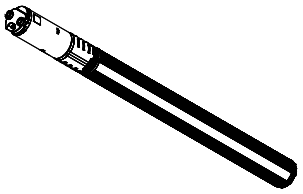
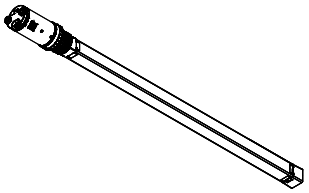
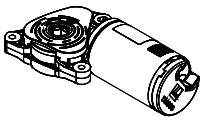
This chapter provides an overview of LOGICDATA products that are either part of the DYNAMIC MOTION system, or are compatible with it. Not all products can be used in the same system. Some of the listed products do not belong to configurations currently approved by LOGICDATA, but may be planned for future systems. Always read the Operating Manual of each product in the system before assembly and operation.

4.1 ACTUATORS

4.1.1 WHAT IS AN ACTUATOR?

Actuators take power from the Power Unit in order to rotate a spindle that moves the table up or down. There are two main categories of Actuator in the DYNAMIC MOTION system: Drives (in which the spindle is permanently attached to the motor) and Gear Motors (no spindle attached). DYNAMIC MOTION actuators also feature an integrated Control Unit.

4.1.2 TYPES OF ACTUATOR

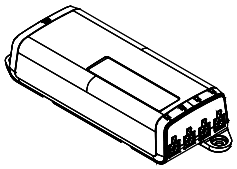
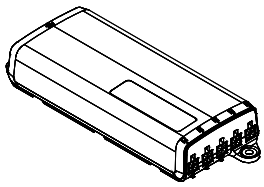
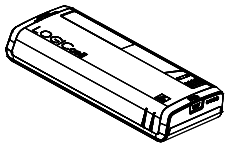
Name and Order Code	Key Features	Image
DMD660 *DMD660-a-b*	• Installation length: 511 mm / 20.14 ” • Stroke: 662 mm / 26.04 ” • Application: Dual-stage Height-Adjustable Columns	
DMD500 *DMD500-a-b*	• Installation length: 606 mm / 23.84 ” • Stroke: 497 mm / 19.57 ” • Application: Single-stage Height-Adjustable Columns	
DMG90 *DMG90-a-b*	• Motor Diameter: 40 mm / 1.57 ” • Length: 119.4 mm / 4.691 " • Application: External spindle systems	

4.2 POWER UNITS

4.2.1 WHAT IS A POWER UNIT?

A Power Unit is a general term that covers DYNAMIC MOTION Power Hubs and all DYNAMIC MOTION-compatible external power supplies. The assembly process differs slightly depending on which type of Power Unit will be installed.

4.2.2 TYPES OF POWER UNIT

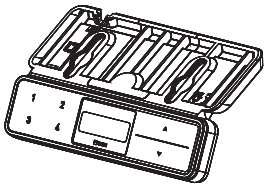
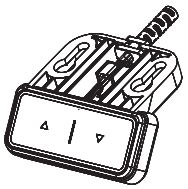
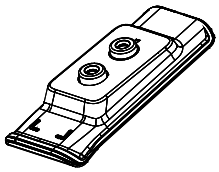
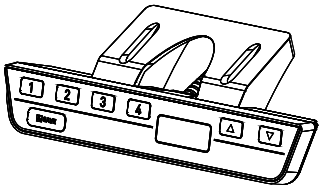
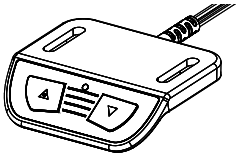
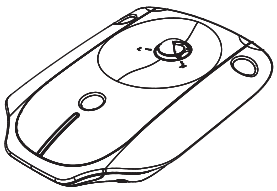
Name and Order Code	Key Features	Image
DMP240 *DMP240-EU* *DMP240-US*	• Power Hub • 4 Output Ports • Maximum 240 W Power Output • Max. Recommended Actuators: 2 • Versions for EU/US Mains Voltages	
DMP360 *DMP360-EU* *DMP360-US*	• Power Hub • 5 Output Ports • Maximum 360 W Power Output • Max. Recommended Actuators: 4 • Versions for EU/US Mains Voltages	
LOGICcell *LOGICcell-A1*	• Battery Pack • DYNAMIC MOTION compatibility via DMC-LC-1200 cable • Charging via USB • LEDs and buzzer for system information	

4.3 USER INTERFACES

4.3.1 WHAT IS A USER INTERFACE?

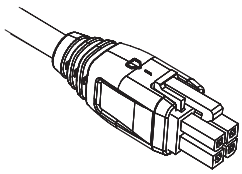
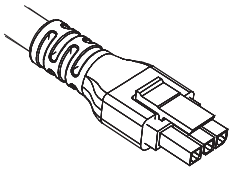
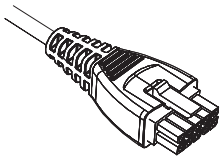
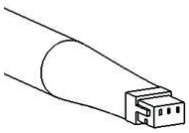
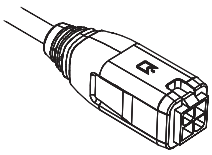
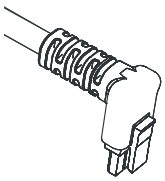
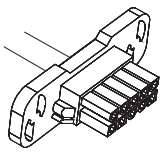
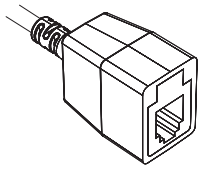
A User Interface is a general term that covers Handsets (Basic, Comfort, Paddle) and other products that can control the System, e.g. LOGIClink. Assembly and Operation differ depending on which type of User Interface will be installed.

4.3.2 TYPES OF USER INTERFACE

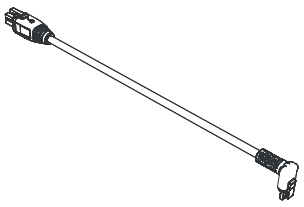
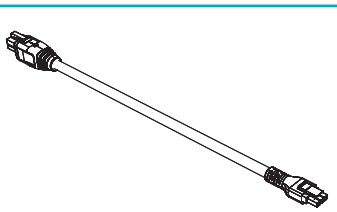
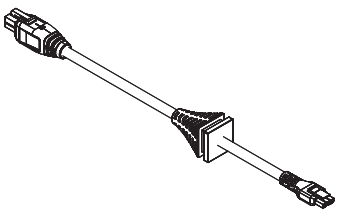
Name and Order Code	Key Features	Image
DMUI-TOUCH-C *DMUI-TOUCH-C-FX-y-z*	• Comfort Handset • UP and DOWN Keys • Digital Display • Memory Position Keys	
DMUI-TOUCH-B *DMUI-TOUCH-B-UD-y-z*	• Basic Handset • UP and DOWN Keys • LED Signal Light	
DMUI-EASY2move-B *DMUI-EASY2move-B-x-y*	• Paddle Handset • Motion control by lifting or pushing • LED Signal Light • Save Button	
DMUI-HSU-C *DMUI-HSU-C-FL-y-z*	• Comfort Handset • UP and DOWN Keys • Digital Display • Memory Position Keys	
DMUI-HSM-B *DMUI-HSM-B-FL-y-z*	• Basic Handset • UP and DOWN Keys • LED Signal Light	
LOGIClink *LOGIClink-a-b-c-d-e-x*	• Connectivity Hub • Motion Control via Bluetooth and MOTION@work App • UP and DOWN Keys • LED Signal Light (in Standard Versions)	

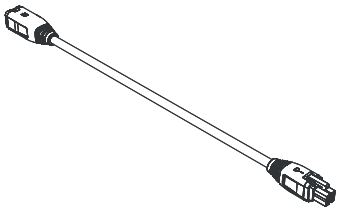
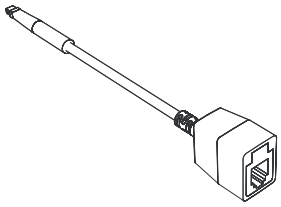
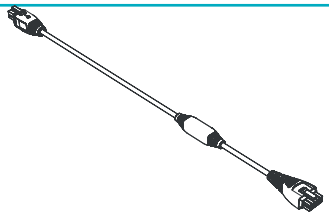
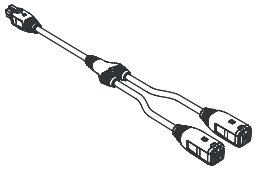
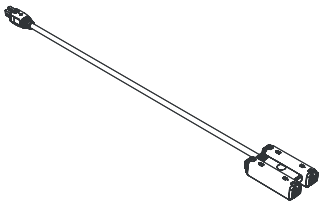
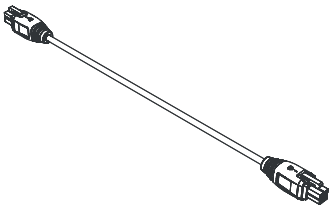
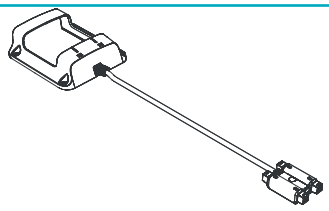
4.4 CABLES

4.4.1 CONNECTOR TYPES

DYNAMIC MOTION standard	DYNAMIC MOTION motor	DYNAMIC MOTION accessory	EXTERNAL SENSOR adapter
 Connector Type: 4-Pin Connects to: Power	 Connector Type: 3-Pin, Straight Connects to: Actuators	 Connector Type: 10-Pin Connects to: LOGIClink	 Connector Type: 3-Pin Connects to: Actuator
 Connector Type: 4-Pin Connects to: Standard Connector	 Connector Type: 3-Pin, 90° Cranked Connects to: Actuators	 Connector Type: 10-Pin Connects to: LOGICcell	 Connector Type: 4-Pin (RJ) Connects to: LOG-PRT-DMS

4.4.2 CABLE TYPES

Name and Order Code	Key Features	Image
Actuator Cable, 90° Cranked *DMLIN-ACR-1000*	• Length: 1000 mm • Connector A: 1 x 4-pin • Connector B: 1 x 3-pin, 90° Cranked • Application: Power Hub to Actuator	
Actuator Cable *DMLIN-AST-1000*	• Length: 1000 mm • Connector A: 1 x 3-pin • Connector B: 1 x 4-pin • Application: Power Hub to Actuator	
Actuator Cable, Strain Relief *DMLIN-AST-SR-1000*	• Length: 1000 mm • Connector A: 1 x 3-pin • Connector B: 1 x 4-pin • Application: Power Hub to Actuator	

Name and Order Code	Key Features	Image
Extension Cable *DMLIN-EXT-1000*	• Length: 1000 mm • Connector A: 1 x 4-pin • Connector B: 1 x 4-pin • Application: Extension Cable	
Sensor Adapter Cable *DMLIN-DMS-100*	• Length: 100 mm • Connector A: 3-pin • Connector B: 4-pin • Application: DMS Sensor Adapter Cable	
LOGIClink to DM Cable *DMLIN-LL-1800*	• Length: 1800 mm • Connector A: 1 x 4-pin • Connector B: 1 x 10-pin • Application: Power Hub to Connectivity Hub	
Branch Cable *DMC-BR-200*	• Length: 200 mm • Connector A: 1 x 4-pin • Connector B: 2 x 4-pin • Application: Branch Cable	
Benching Adapter *DMC-BA-2500*	• Length: 2500 mm • Connector A: 1 x 4-pin • Connector B: 4x 4-pin • Application: Benching Application Cable	
Sync Cable *DMC-CA-1000*	• Length: 1000 mm • Connector A: 1 x 4-pin • Connector B: 1 x 4-pin • Application: Conference Application Cable	
LOGICcell to DM Cable *DMC-LC-1200*	• Length: 1200 mm • Connector A: 1 x 10-pin • Connector B: 4x 4-pin • Application: Adapter Cable for Battery Packs	

NOTICE Do not connect extension cables to each other to form "extension chains". This may damage the system.

5 CONNECTING YOUR SYSTEM

This chapter of the Configuration Handbook describes the process of connecting the Table System's components after they have been mounted to the Height-Adjustable Table System. You must read the documentation for each part of the system (Actuator, User Interface, Power Hub, etc.) for that product's mounting instructions. The configurations listed in this section are those tested and released by LOGICDATA. For alternative configuratons, contact LOGICDATA for further details.

5.1 TYPES OF TABLE SYSTEM

This Configuration Handbook contains instructions for 3 types of Table System. These are as follows:

Standard Table System
This Table System consists of a single table (number of legs defined in configuration). One Power Unit is used per table.

Benching System
This Table System consists of a group of tables that is connected to a single Power Unit. Each table is controllable individually.

Conference Application
This Table System consists of a single table. Multiple Power Units are required per table. This Table System generally supports oversized or very heavy Table Tops.

5.2 REQUIREMENTS FOR ASSEMBLY

5.2.1 SAFETY DURING ASSEMBLY

WARNING	**Moderate risk of death or serious injury through electric shocks** Connecting the system incorrectly can lead to death or serious injury through electric shocks. • Ensure that the supplied voltage complies with each product's type plate • Ensure all components are connected to the correct sockets • Disconnect the Power Unit before removing or connecting any components • If a Power Hub is used, connect the system to the Mains only after all other components (Actuators, User Interfaces, etc.) have been connected to the Power Hub
WARNING	**Moderate risk of death or serious injury through electric shocks** Using damaged products may lead to death or serious injury through electric shocks. • Do not use any product if you see it is damaged
CAUTION	**Risk of minor or moderate injury through improper handling** Improper handling of the system during assembly may lead to minor or moderate injury through cutting, pinching, and crushing. • Read all instructions and safety notices carefully
NOTICE	Ensure proper ESD handling during assembly. Damage that can be attributed to electrostatic discharge will void warranty claims.
NOTICE	Before assembly, all parts must be acclimatised to the ambient conditions.
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

5.2.2 TECHNICAL REQUIREMENTS

Before assembling the Table System, ensure the following requirements are met:

- All Actuators have been mounted properly into the Height-Adjustable Columns
- The Height-Adjustable Columns have been mounted correctly onto the Table Top
- The DYNAMIC MOTION system will be connected at a voltage compliant with the Type Plate
- There is no residual voltage on any parts

5.3 CONNECTING CABLES

CAUTION

Risk of minor or moderate injury through burns or electric shocks
Connecting Cables to the Power Hub incorrectly may lead to minor or moderate injury through burns (due to overheating), or electric shocks.

- Do not force or bend Connectors
- Ensure Connectors are oriented correctly (see diagram)
- Do not insert fingers or objects into the Connectors or housing of the Power Hub

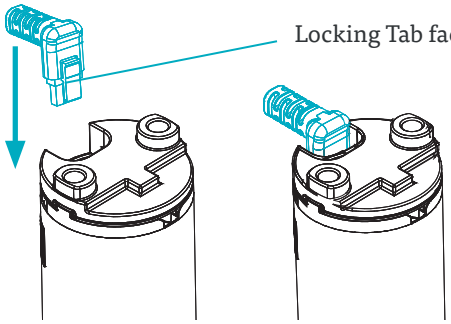


Fig. 1: Connecting cables to an Actuator:

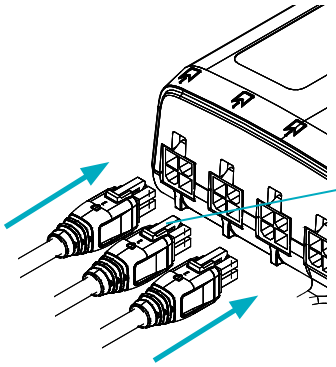
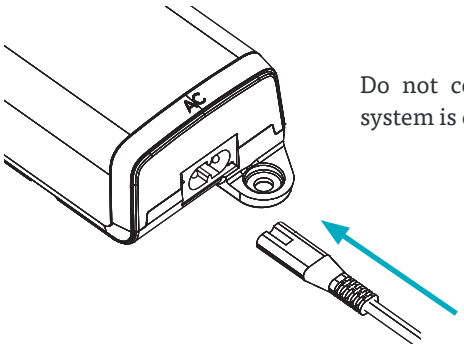


Fig. 2: Connecting cables to the Power Hub (or DYNAMIC MOTION Standard Connector)



Do not connect cables while the system is connected to the mains.

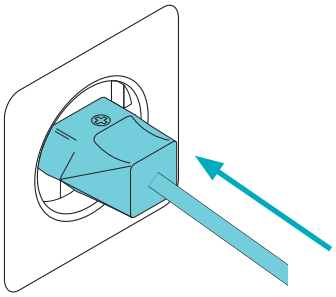


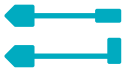
Fig. 3: Connecting the Power Cable

5.4 APPROVED STANDARD TABLE SYSTEMS

This chapter describes assembly for Standard Table Systems (see Chapter 5.1).

5.4.1 STANDARD APPLICATION 1

This system creates: **2-leg table with a single Power Hub (DMP240)**

	2	Height-Adjustable Columns with DMD500 or DMD660 Actuators
	2	DMLIN Actuator Cable per Actuator
	1	User Interface
	1	DMP240
	1	Power Cable

Connecting the System

1. Plug the Actuator(s) into the Power Hub
2. Plug the User Interface into the Power Hub
3. Plug the Power Hub into the Mains

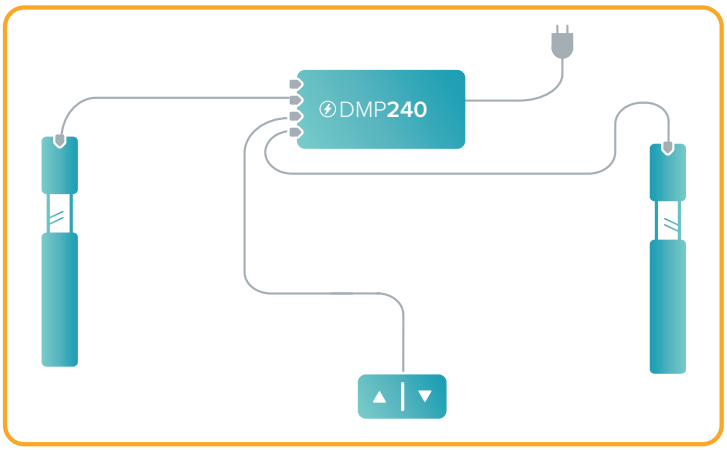


Fig. 4: Standard Application 1

5.5 APPROVED BENCHING APPLICATIONS

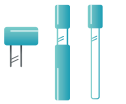
This chapter describes how to assemble a Benching Application (see Chapter 5.1). You will need one User Interface for each table. The Actuators within a single table are operated simultaneously by one User Interface. Benching Applications also require a Benching Adapter Cable (see Chapter 4.4.2), which works like a power distributor. The Table Top and Height-Adjustable Columns are supplied by the Reseller.

NOTICE

Only one type of DYNAMIC MOTION Actuator can be used per Table within the Benching System. Multiple types of Actuator can be used in the system (e.g. DMD500 in Table 1 and DMG90 in Table 2. However, connecting different types of Actuator within a Benching System may cause errors and damage to the Table System if performed incorrectly. Contact LOGICDATA before attempting to create a Benching System of this type.

5.5.1 BENCHING APPLICATION 1

This system creates: **Benching system with two 2-leg tables and a single Power Hub (DMP240)**

	4	Height-Adjustable Columns with DYNAMIC MOTION Actuators
	1	DMLIN Actuator Cable per Actuator
	2	User Interfaces
	1	DMP240
	1	Power Cable
	1	Benching Adapter

Connecting the System

Table with the Power Hub:

1. Plug the Actuators into the Power Hub
2. Plug the User Interface into the Power Hub

Other tables:

3. Plug the Actuators into the Benching Adapter
4. Plug the User Interface into the Benching Adapter
5. Plug the Benching Adapter into the Power Hub
6. Plug the Power Hub into the Mains

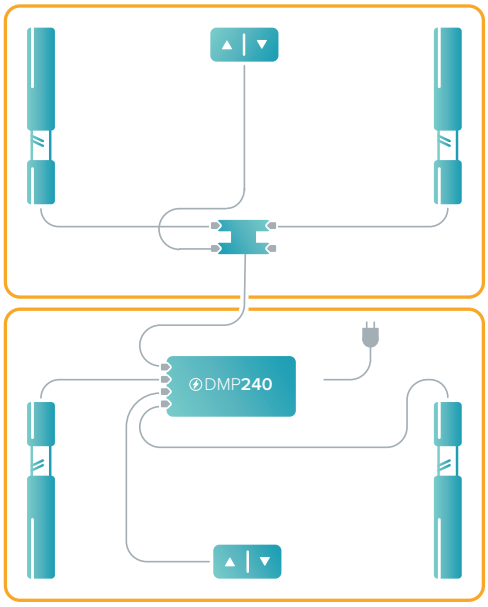


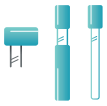
Fig. 5: Benching Application 1

5.6 APPROVED CONFERENCE APPLICATIONS

This section describes assembly for DYNAMIC MOTION systems with multiple Power Hubs (Conference Applications). This configuration can adjust heavy or oversized tables, without affecting performance. The system consists of groups of Actuators. Each Power Hub powers one group of Actuators. Groups are connected by Sync Cables. The Table Top and Height-Adjustable Columns are supplied by the Reseller.

5.6.1 CONFERENCE APPLICATION 1

This system creates: **Conference Application with one 3-leg table and 2 Power Hubs (DMP240)**

	3	Height-Adjustable Columns with DYNAMIC MOTION Actuators
	1	DMLIN Actuator Cable per Actuator
	min. 1	User Interfaces
	2	DMP240
	2	Power Cables
	1	Sync Cable

Connecting the System

1. Plug two Actuators into a Power Hub
2. Plug one Actuator into the other Power Hub
3. Plug the User Interface(s) into the chosen Power Hub
4. Connect the Power Hubs using the Sync Cables
5. Plug both Power Hubs into the Mains

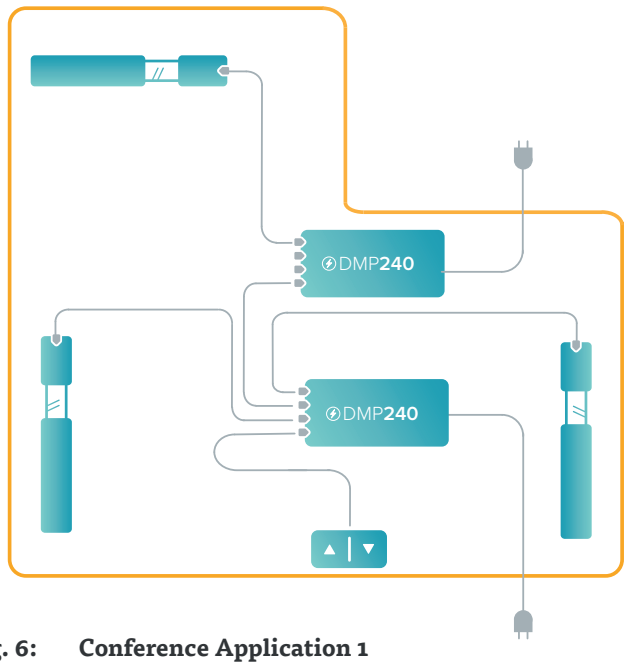


Fig. 6: Conference Application 1

5.7 COMPLETING ASSEMBLY

Before you use the table, you must perform a Position Reset Procedure

CAUTION **Risk of minor or moderate injury through crushing**
Collision Detection (ISP) is inactive during acceleration/deceleration 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

It is possible to perform a Position Reset Procedure with all types of compatible User Interface. However, this section describes performing a Position Reset Procedure for Table Systems controlled by a Handset with an UP Key and DOWN Key (Comfort or Basic Handsets).

If your DYNAMIC MOTION system is operated by a different User Interface, consult that product's operating Manual for instructions on performing a Position Reset Procedure.

▼	1. Press and hold the DOWN Key until the table stops at the lower position limit
	2. Release the DOWN Key
▼	3. Press and hold the DOWN Key again ▶ The table will move down slightly, then up again
	4. Release the DOWN Key ▶ The Position Reset Procedure is complete.

INFO If your DYNAMIC MOTION system has been parameterized with additional stopping points (e.g. a Safety Area or Container Stop Position), repeat Step 3 until the table has moved upwards again.

INFO In some cases, especially during first start-up, the lower position limit will be inactive. In this case stop the Position Reset Procedure as soon as the table has moved to its lowest position and then slightly upwards again.

6 CHANGING THE TABLE SYSTEM

6.1 REPLACING AN ACTUATOR

1. Disconnect the Power Hub from the Mains
2. Disconnect the Actuator from the Power Hub
3. (If necessary) Disconnect the Acuator Cable using the instructions in Chapter 6.1.1
4. Remove the Height-Adjustable Column from the Table Top
5. Remove the Actuator from the Height-Adjustable Column
6. Mount the new Actuator into the Height-Adjustable Column (see manual)
7. Mount the Height-Adjustable Column back onto the Table Top
8. Plug the Actuator back into the Power Hub
9. Reconnect the system to the Mains

6.1.1 UNPLUGGING THE CABLE FROM THE ACTUATOR

CAUTION **Risk of minor or moderate injury through electric shocks**
Inserting foreign objects into connectors may lead to minor or moderate injury through electric shocks.
- Disconnect the Actuator from the Power Hub before unplugging the Cable.

NOTICE Unplugging the Actuator Cable incorrectly may damage the connectors irreparably.
- Do not attempt to remove the Actuator Cable by hand
- Consider whether it is necessary to remove the Cable before doing so

1. Disconnect the Power Hub from the Mains
2. Disconnect the Actuator from the Power Hub and wait 10 seconds for residual voltage to dissipate
3. Insert a flat-head screwdriver into the gap behind the cable until it reaches the bottom of the connector
4. Use the screwdriver to lever the Actuator Plug gently upwards and out of the connector

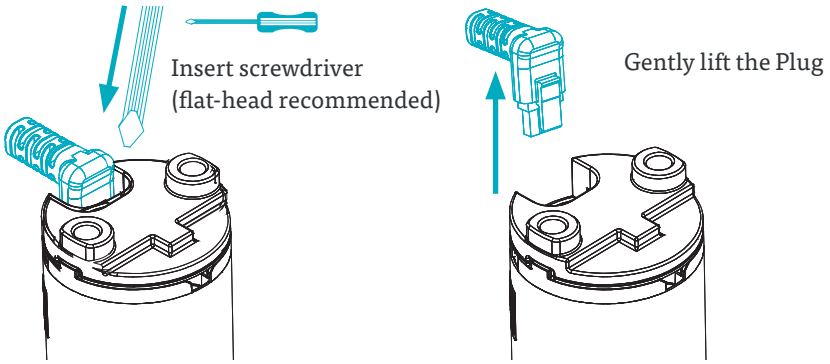


Fig. 7: Removing the Actuator Cable

6.2 REPLACING A USER INTERFACE

1. Disconnect the Power Hub from the Mains
2. Disconnect the User Interface from the Power Hub
3. Remove the User Interface from the Table Top (use the User Interface's Manual to help you)
4. Mount the new User Interface onto the Table Top (use the User Interface's Manual to help you)
5. Plug the User Interface back into the Power Hub
6. Reconnect the Power Hub to the Mains

6.3 REPLACING A POWER HUB

1. Disconnect the Power Hub from the Mains
2. Disconnect all components from the Power Hub
3. Plug all components into the new Power Hub
4. Reconnect the system to the Mains

7 ADDITIONAL INFORMATION

7.1 OPERATION

Instructions for operating the system can be found in the DYNAMIC MOTION system Manual.

7.2 DISASSEMBLY

To disassemble the DYNAMIC MOTION system, unplug the Power Hub at the mains, then disconnect all cables from the Power Hub. Then, follow the assembly instructions for your chosen product in reverse order.

7.3 MAINTENANCE

All DYNAMIC MOTION system Products are maintenance-free.

WARNING **Risk of death or serious injury through electric shocks and other hazards**
Using the DYNAMIC MOTION system 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.

7.3.1 CLEANING

WARNING **Moderate risk of serious injury through electric shocks**
While cleaning 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

1. Disconnect the system from the mains
2. Wait 30 seconds for residual voltage to dissipate.
3. Wipe the surface of the components with a dry, soft cloth. Never immerse components into liquid
4. Wait for all components to dry completely
5. Reconnect the Power Hub to the mains

7.4 DISPOSAL

All products in the DM System are 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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