



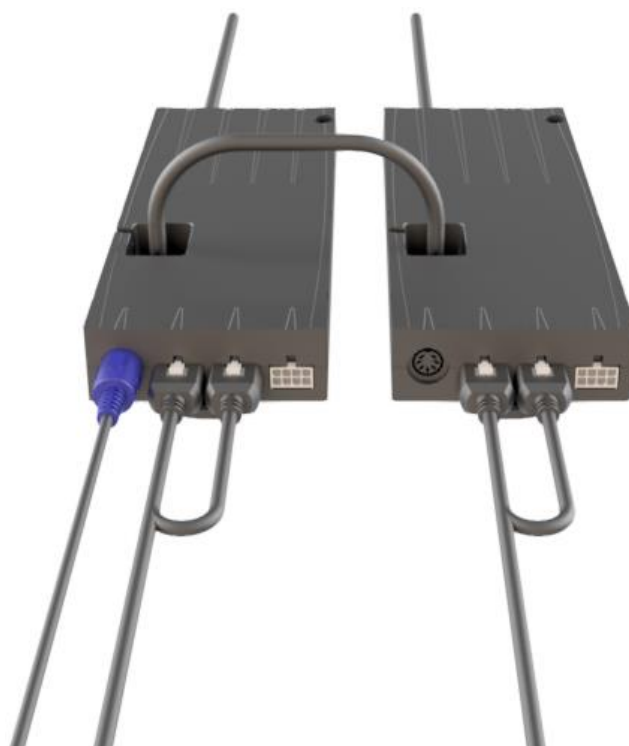
**X2 TECHNOLOGY**

A Phoenix Mecano Brand

# Dual COMPACT-e-3

**2-parallel column system**

**User manual**





## **Important information**

Read the user manual before installing and using the system.

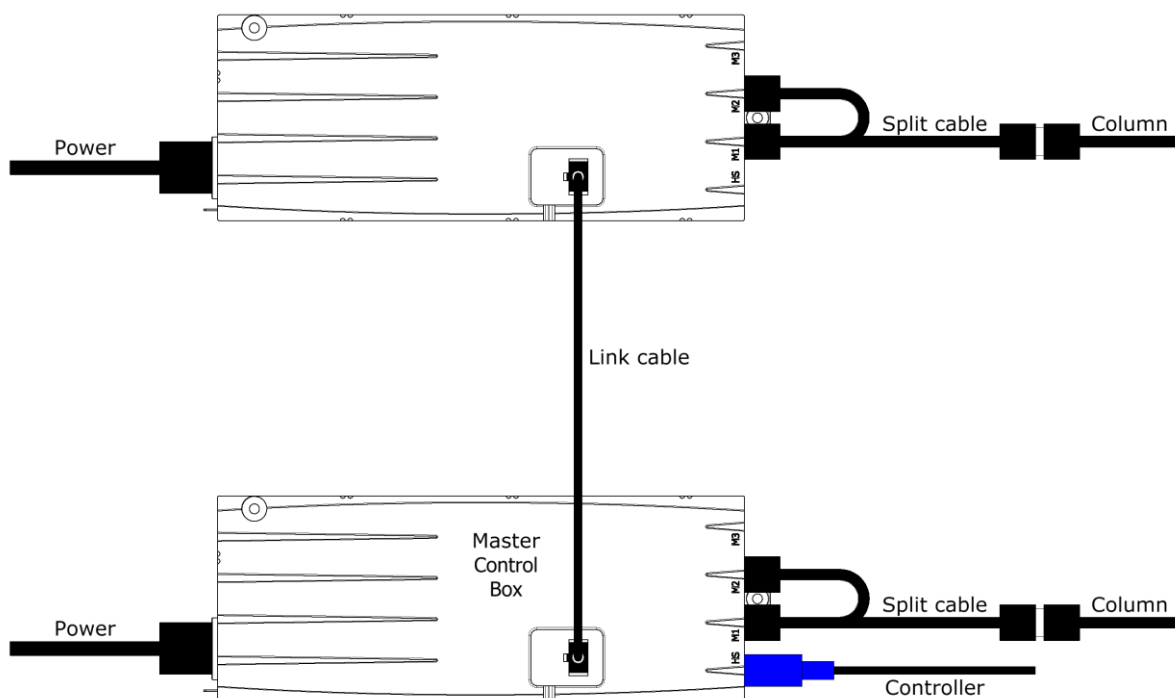
- The power cables must be unplugged while the COMPACT-e-3 control boxes are being mounted to a surface.
- All COMPACT-e-3 control boxes are preprogrammed by Phoenix Mecano AB at delivery. Please follow the installation instructions precisely as presented in this document. Incorrect installation may require reprogramming of one or both control boxes which can only be done using approved computer software. Contact Phoenix Mecano AB if the system has been installed incorrectly.
- Only qualified technicians may install the COMPACT-e-3 control boxes.
- Be aware that there is a higher risk of pinching during the initial installation and when resetting the system.
- Only use approved cables from Phoenix Mecano AB. Install the system in a way that protects the cables from damage. Use cable strain reliefs in applications where the cables can be disturbed.
- After correctly installing, do not press the up or down button on the controller with any of the cables disconnected or plugged into the wrong ports. Using the system with any of the cables disconnected or plugged into the wrong ports may damage the COMPACT-e-3 control boxes.
- The COMPACT-e-3 control box is not designed for continuous operation. Using the system without interruption must not exceed the duty cycle (2min on / 18min off) indicated on the type label. Specific technical data for the COMPACT-e-3 control box can be found in the datasheet which is available on our website.
- In the event of an error, whenever the system attempts to adjust the height it may move slightly before the safety cut-out is triggered. Please note that there is a higher risk of pinching in this case.
- Do not open the COMPACT-e-3 control boxes under any circumstances.
- Do not expose the COMPACT-e-3 control boxes to moisture, drips or splashes.

## Initial installation instructions

Read the entire steps before following the instructions.

1. Choose any one of the COMPACT-e-3 control boxes and plug the controller into the port labelled "HS". This control box will be installed as a "master", meaning that the other COMPACT-e-3 control box will receive the controller input signals from the master control box.
2. Plug the primary male connector of the split cable into the port labelled "M1" on the master control box. Plug the secondary male connector of the split cable into the port labelled "M2" on the master control box. Plug one of the columns into the female connector of the split cable. Use an extension cable between the column and the split cable if necessary. Repeat step 2 for the other control box and column.
3. Connect the control boxes together by plugging the link cable into the top connector on both control boxes.
4. Connect the master control box to mains power. The box will produce two clicking sounds. Repeat step 4 for the other control box.
5. Press and hold the down button on the controller. The columns will retract to their bottom end limit and then extract a short distance. When the columns have stopped moving, the down button can be released. The system is now installed and ready to be used.

## Wiring illustration



## Troubleshooting guide

Error case	Possible causes	Solutions
System is only usable in one direction.	<ol style="list-style-type: none"> <li>1. A power outage has occurred.</li> <li>2. One or several of the cables in the system have been disconnected and reconnected.</li> <li>3. One or several of the cables, control boxes, columns or the controller is defective.</li> </ol>	<ol style="list-style-type: none"> <li>1. Reset the system by following step 5 of the installation instructions.</li> <li>2. Reset the system by following step 5 of the installation instructions.</li> <li>3. Contact Phoenix Mecano AB.</li> </ol>
System is not usable in any direction.	<ol style="list-style-type: none"> <li>1. One or both control boxes are disconnected from mains power.</li> <li>2. The link cable is disconnected from one or both control boxes.</li> <li>3. One or both columns are disconnected from the control boxes.</li> <li>4. The controller is not plugged into the master control box.</li> <li>5. The control boxes have reached their maximum duty cycle and are disabled.</li> <li>6. One or several of the cables, control boxes, columns or the controller is defective.</li> </ol>	<ol style="list-style-type: none"> <li>1. Connect both control boxes to mains power and reset the system by following step 5 of the installation instructions.</li> <li>2. Connect the link cable to both control boxes. Reset the system by following step 5 of the installation instructions.</li> <li>3. Connect the columns to the control boxes by following step 2 of the installation instructions.</li> <li>4. Plug the controller into the master control box.</li> <li>5. Wait 18 minutes before attempting to use the system again.</li> <li>6. Contact Phoenix Mecano AB.</li> </ol>

## End of life disposal



The COMPACT-e-3 control box is classified as electrical or electronic equipment according to directive 2002/96/EC and is therefore marked with the symbol depicted on the left.

To ensure eco-friendly disposal of all the control box components, please separate the plastic and electronic parts for collection. Also ensure eco-friendly disposal of all the other components in the system (i.e. cables, columns, etc.).

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