



international

USER GUIDE
LIKO-Space
Electric mobile walls
(semi-automatic control)



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1 INTRODUCTION

Examples of use

LIKOSPACE – Electric semi-automatic mobile walls are walls that allow you to immediately change the layout of the room into separate functional units. These walls have high stability, comfortable semi-automatic control and a high degree of sound insulation.

Description of the mobile wall Likospace - Electric

The mobile wall consists of several interconnecting segments. Primarily, these are panels, vertical parts of the mobile wall suspended in the ceiling track with parking and wall stops, fixedly mounted in the opposite walls of the room being partitioned. The panels, including the wall stops, are fitted on the sides with a compatible aluminum profile containing rubber sealing, a magnetic strip, and a low-voltage electrical connector for interconnection. The walls' surface is often made of chipboard with a surface finish according to the customer's wishes (LTD, HPL, veneer). Alternatively, other types of board materials can be used. These boards are suspended on a steel frame with telescopic sealing elements via aluminum or steel profiles. Each panel has its own logically controlled function system mediated by integrated electrical equipment. These functions are controlled by the main switch located in the wall stop and the button of the telescopic panel. The manipulation of the panels to their designated place is done manually. The securing and unlocking of the panels occur automatically after connecting or disconnecting the subsequent panel, depending on the position of the main switch. For a detailed description of each function, see below.

2 IMPORTANT PRINCIPLES FOR HANDLING A MOBILE WALL



**IMPORTANT INFORMATION
READ CAREFULLY
KEEP FOR LATER USE**

Warning symbols



Symbol of potential personal injury or accident caused by inappropriate use of the product.

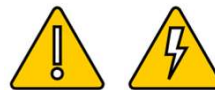


Symbol for potential damage to property, product, or personal injury from electric shock



Note

Important notes for handling the mobile wall



- A prerequisite for long-term, reliable and trouble-free operation of the sliding system walls Likospace - Electric is correct and considerate handling.
- When handling the panels, the user is always obliged to take maximum care.
- The Likospace - Electric semi-automatic wall may only be operated by competent persons who have been instructed according to these instructions and trained in practice.
- It is forbidden for people under the age of 18 to handle the wall.
- Before starting the manipulation with Likospace - Electric panels, the person is obliged to check whether the handling space is safe and there is a possibility of escape from this area in case of danger.
- In the space in which the wall is assembled, there must be no persons or objects that would prevent the free passage of the panel to its destination.
- Take extra care when handling the panels. The panels have a lot of weight, in the event of a collision serious injury or damage to the product.
- Individual panels contain telescopic sliding parts. It is forbidden to enter the gaps where these elements are ejected. Insert limbs or other objects that may cause injury or damage to parts of the product.
- It is forbidden to move the panels at high speed, to start and bump into adjacent panels or wall stops.
- It is forbidden to drive the panels at high speed into branches and rail crossings. In these cases, there is a risk of irreversible damage to the rail, running mechanisms, panel hinges, custom panels or ceilings around the rail. Damage caused in this way is always the result of unlawful and unprofessional handling and are not subject to the possibility of making a complaint.
- It is forbidden to unprofessionally interfere with the wiring and mechanical parts of the Likospace – Electric mobile wall.
- In the event of a malfunction, risk of electric shock, risk of fire, immediately switch off the power supply.
- It is forbidden to manipulate with a damaged mobile wall!
- It is forbidden to lean objects against the mobile wall!
- The maximum travel speed is set at 15 cm/s!

3 CONNECTING THE MOBILE WALL TO THE POWER GRID

MOBILE WALL COMPONENTS

Connecting the mobile wall to the power grid



- To connect the mobile wall to the mains, it is necessary to have a 230V/16A socket above the ceiling near the wall stop with the main switch.
- A 5m power cable is supplied to the mobile wall as standard with 24VDC transformer; 15A; 360W; 85÷264VAC
- Use only the supplied power cord that is suitable for your country.
- The power cord must not be modified in any way.
- Do not lay any subjects.
- Make sure there are no knots on the power cord.
- If the mains cable needs to be disconnected, remove the plug from the socket. If in doubt, consult a qualified electrician or to the Likos service department.
- A damaged power cord can cause fire or death Shock.



Diagram for connecting the wall to the el. Network

- 1) Socket 230V/16A
- 2) Transformer 24VDC; 15A; 360W; 85÷264VAC
- 3) Low-voltage electrical connector
- 4) Network cable length 5m
- 5) Master switch (key)

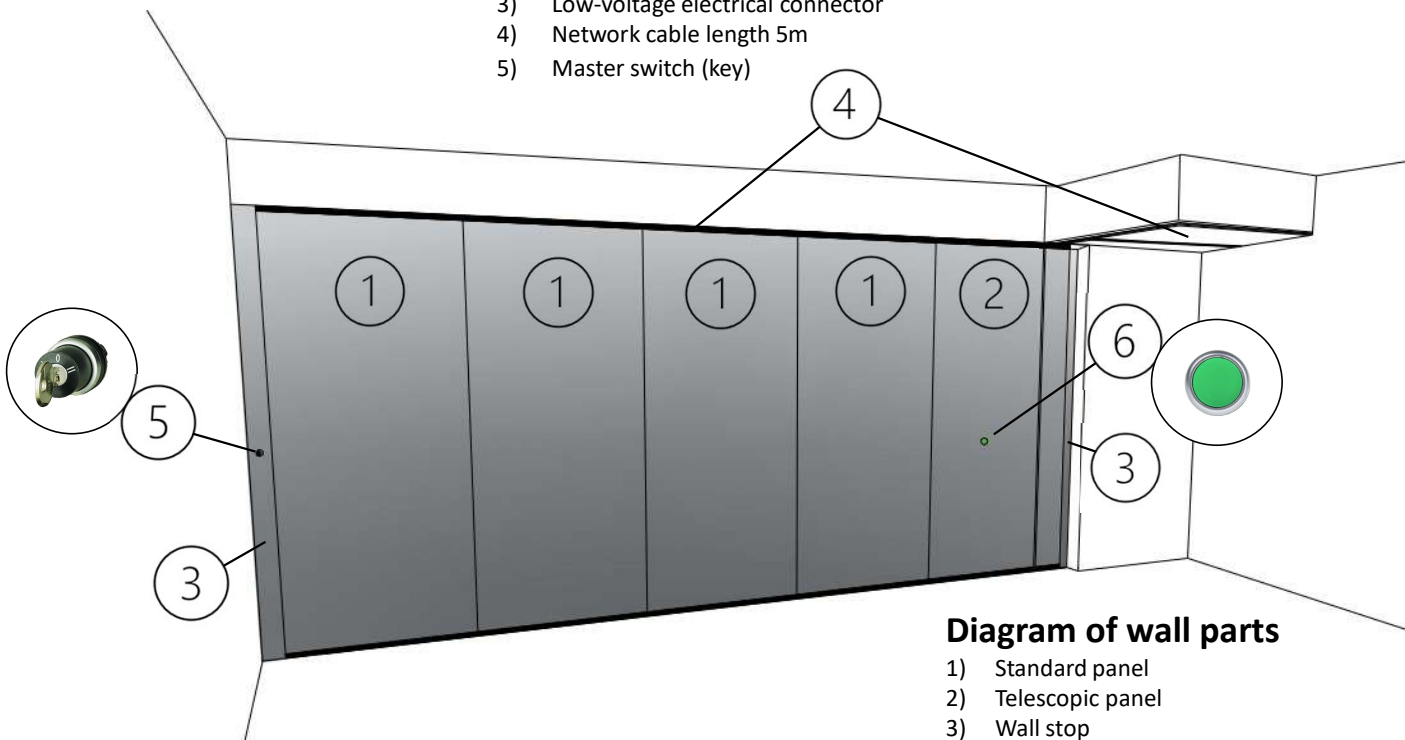


Diagram of wall parts

- 1) Standard panel
- 2) Telescopic panel
- 3) Wall stop
- 4) Rails with parking
- 5) Master switch (key)
- 6) Telescopic panel button

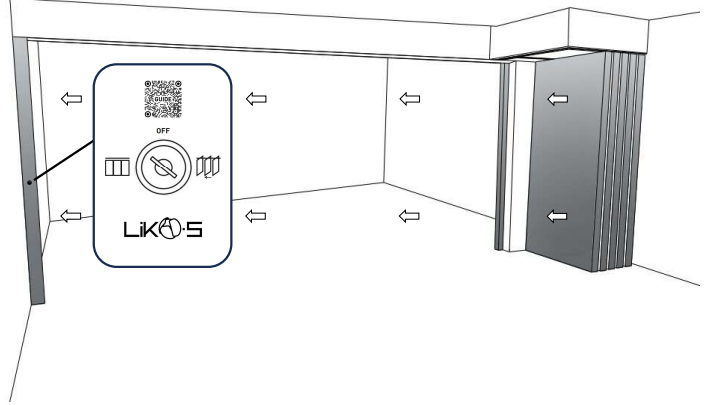
4 OVERVIEW OF BASIC WALL OPERATIONS

Procedure for closing a wall



Step 1 - Turn the main switch to the **CLOSE** position.

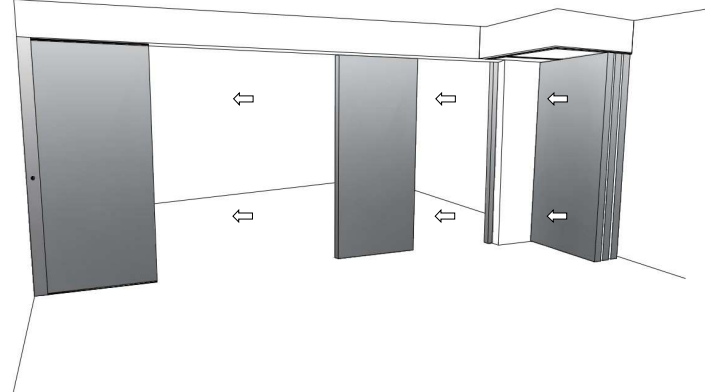
Step 2 - Carefully move the first panel out of the parking area towards the wall stop. Subsequently, the panel to the stop plugs in, thus connecting the electrical Low-voltage connectors that automatically activate seals at the top and bottom of the panel.
We hold the panel pressed to the stop, for as long as possible until the panel locks (motors must stop working).



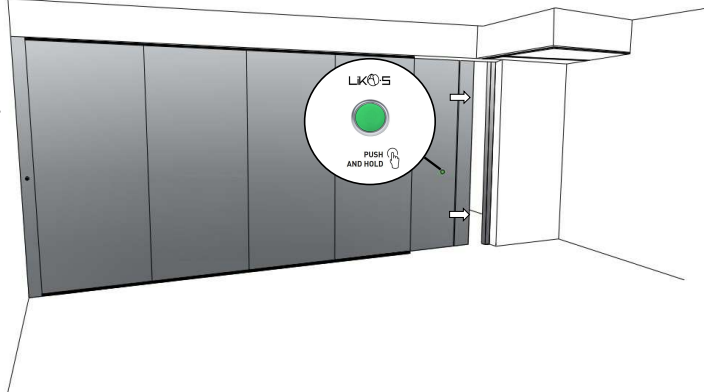
Step 3 - Repeat this action with each panel.
Before attaching the next panel, make sure that it is a follow-up the panel is correctly placed.



The secured panel could not be positioned correctly the first time. Turn the main switch to the **OPEN** position. Fault placed The panel is automatically unlocked. Then turn the main switch into the **CLOSE** position and place the panel correctly.



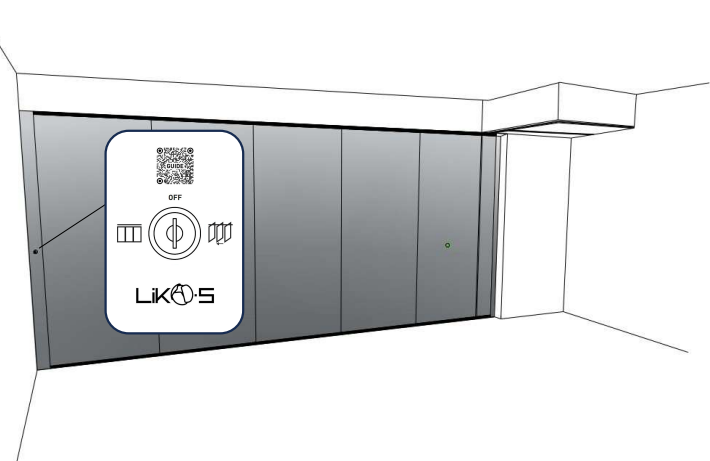
Step 4 - Insert the last telescopic panel into the adjacent panel.
The telescopic panel is equipped with a button that must be compressed at all times so that the sliding part can panel to be fully extended.
Releasing the button prematurely stops the operation immediately. Keep the button pressed until the sliding part is fully extended. When it is fully extended, the seals are activated, which the panel secures.



Step 5 - At this time, the wall is closed. We turn the main switch to the vertical **OFF** position. With this step, we will disconnect wall from electric current.



We can leave the key in the switch or the key pull out and thus prevent access to manipulation untrained persons.



4 OVERVIEW OF BASIC WALL OPERATIONS

To open a wall



Step 1 - Turn the main switch to the **OPEN** position.

Step 2 - We briefly press the button of the telescopic panel.
We wait until the sliding part of the panel with the top and bottom seal does not retract completely.

Step 3 - Disconnect the unlocked telescopic panel from the follow-up panel and move it to the parking lot. When contact is broken between panels are automatically unlocked by the adjoining panel.

Step 4 - Repeat this action with the other panels and gradually we move to the parking lot.

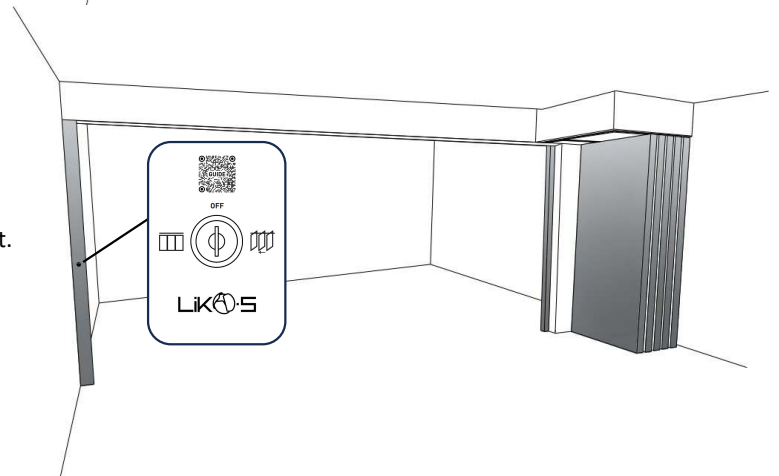
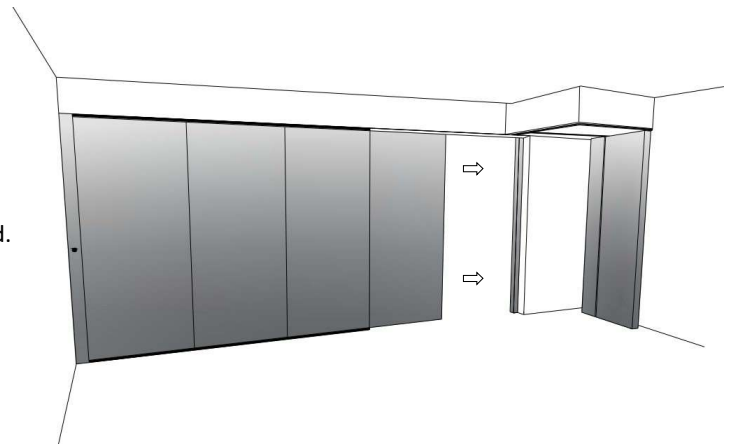
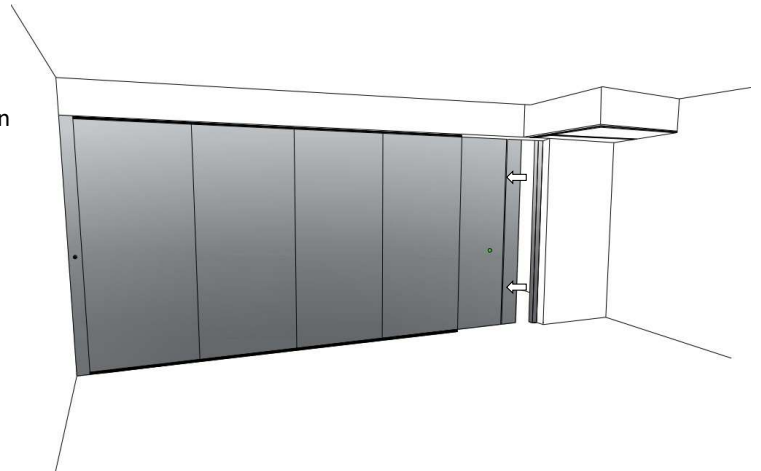
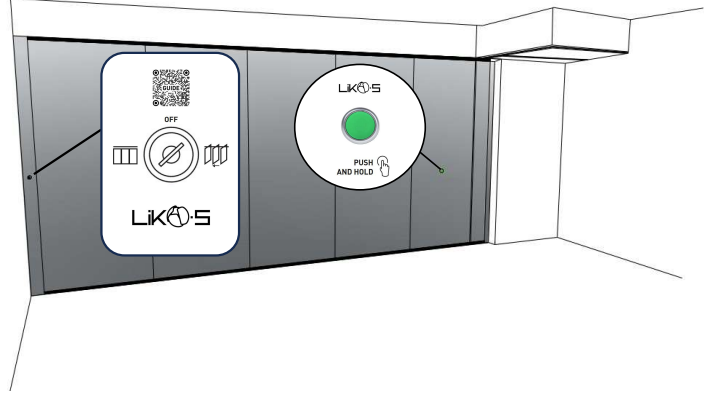


It may happen that a different panel than the last one is unlocked. In this case, turn the switch to the **CLOSE** position. We will wait for all panels to re-secure. Then turn switch to the **OPEN** position and continue unlocking the panels in the previous way.

Step 5 - The moment we have all the panels moved in the parking lot Turn the main switch (key) to the vertical **OFF** position. With this step, we disconnect the wall from the electric current.



We can leave the key in the switch or the key pull out and thus prevent access to manipulation untrained persons.



5 CERTIFICATION

Airborne sound insulation

- ČSN EN ISO 16283-1
- ČSN EN ISO 717-1

Electromagnetic compatibility

- EN IEC 61000-6-3:2021
- EN IEC 61000-6-1:2019
- EN 61000-4-2:2009 – criterion A
- EN 61000-4-4:2012 – criterion A
- EN 61000-4-4:2012 – criterion B
- EN 61000-4-6:2014 – criterion A

6 MAINTENANCE

- The surface of Likospace – Elektro panels can be treated with a soft, dry or slightly damp cloth. Products designed for the maintenance of veneer or laminated furniture may be used for moistening.
- It is inappropriate to use abrasives, alkalis, acids, thinners, solvents or other chemical cleaners.
- It is also forbidden to soak individual parts and heat them to higher temperatures.

7 SERVICE

**You don't know
what to do?
Contact us.**



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8 GUARANTEE

- The warranty does not cover damage caused by improper handling, mechanical damage or failure to comply with the principles of this manual.
- The warranty also does not cover any consequential damage that may occur as a result of the malfunction of the mobile wall.
- During the warranty period, the legitimacy of the complaint will be assessed by the supplier's employee within 5 working days. A report will be made on the assessment with the proposed method of removal.
- The length of the warranty as well as other conditions are described in detail in the contract for work.