

Maintenance and Operation Manual: MG100 Semi-Automatic Movable Acoustic Wall

Introduction

This section of the manual is dedicated to the operation and maintenance of the MG100 Semi-Automatic (S/A) Movable Acoustic Wall. This wall system is designed to provide flexible room division with superior acoustic performance. Understanding the terminology used in this manual is crucial:

Open: The partition wall is considered 'open' when all panels are stacked at the end of the run, allowing free space without division.

Closed: The partition wall is 'closed' when panels are extended and locked in place, dividing the space into separate rooms.

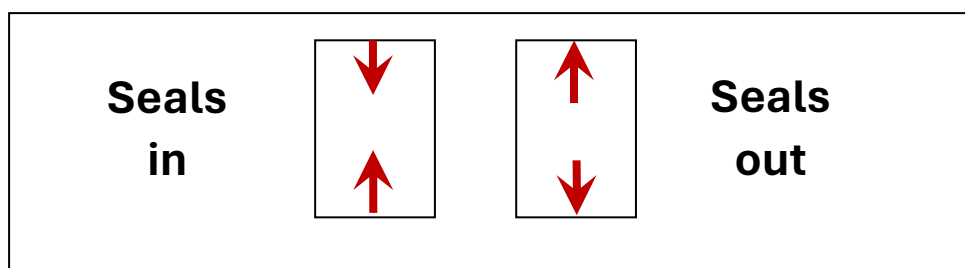
Seals: Refers to the movable top and bottom seals on each panel that lock the panels in position.

The MG100 S/A system incorporates internal motors to adjust the acoustic panels automatically, ensuring optimal acoustic pressure. The final telescopic panel requires manual operation for safety, ensuring nothing gets trapped during sealing.

Operating Instructions

Closing the Wall

Initiate Closure: Insert the key into the key switch and turn it clockwise to the 'seals out' position.



Panel Alignment: Retrieve the first panel from the stack. Note the alignment for twin point (inline with the track) versus single point panels (at 90 degrees to the track).

Secure Panels: Slide the first panel into the wall post, ensuring it aligns with the track. Hold it until the seals extend and lock the panel in place.

Repeat for All Panels: Continue with each panel, aligning and securing in place, until you reach the final telescopic panel.

Operate Telescopic Panel: Fit the telescopic panel into its slot, extending it horizontally and vertically via the push button. Ensure no obstructions before sealing.

Lock the Wall: Return the key switch to the center position and remove the key, locking the wall in its closed position.

Opening the Wall

Initiate Opening: Insert the key into the switch and turn it anti-clockwise to the 'seals in' position.

Retract Seals: Begin with the telescopic panel, pressing the button to retract seals. Use the handle to pull the panel out and stack it away.

Stack Panels: Continue to retract and stack each panel until all are securely stored.

Secure System: Return the key to the center position and remove it, securing the system.

Door Panel Operation

For panels with integrated pass doors, operation involves a push button for seal extension/retraction. Ensure the door is flanked by properly sealed panels before operation. When opening, retract seals on the door panel first for safe removal.

Power Supply and Emergency Operation

The system is powered by a 240V mains supply, converted to 24V via a control box, which includes a battery backup for emergency use. To avoid battery damage, reserve this mode for emergencies only.

Troubleshooting and Contact Information

In case of operational issues, verify panel insertion and key switch position first. Check the power supply indicator on the fused spur and control box. For assistance, contact our servicing and repairs team at 01932 918 338. or email sales@modernglide.co.uk
Providing detailed information about the problem will facilitate faster service.

Information to Provide

- Specific panel encountering issues.
- Behaviour of the seals (immobile, slow, etc.).
- Audibility of the motor.
- Confirmation of correct wall setup.

For any operational difficulties, adherence to these guidelines ensures safety and longevity of the MG100 S/A Movable Acoustic Wall system.

