Olideauto SW100

Olide SW100 Electric Residential Swing Automatic Door Opener/Operator Instruction Manual

Model: SW100

1. Introduction

The Olide SW100 is a low-energy automatic swing door opener designed for residential applications. It provides convenient and accessible door operation for various users, including those with disabilities, the elderly, and children. This system supports both automatic and manual modes, offering flexibility and ease of use. This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your SW100 automatic door opener.

2. Safety Information

Please read all safety warnings and instructions carefully before installing or operating the Olide SW100. Failure to follow these instructions may result in injury or damage to the product.

- Ensure power is disconnected before any installation, maintenance, or repair work.
- Installation should be performed by qualified personnel or under the supervision of a professional.
- Do not modify the product in any way not specified in this manual.
- Keep hands and loose clothing clear of the door's path during automatic operation.
- Regularly inspect the door opener for any signs of wear or damage.
- This product is designed for swing doors; do not use it for other door types.

3. Package Contents

Verify that all components listed below are included in your package:



Image: Complete kit of the Olide SW100 Automatic Door Opener, including the main motor unit, arms, hand programmer, power cord, remote controls, wireless push panels, and caution stickers.



Image: Detailed view of the Olide SW100 components with labels: Swing Door Motor, Push arm for outswinging door, Pull Arm for Inswinging Door, hand programmer, Power Cord, Allen Wrenches, Remote Controls, Wireless Push Panels, and Stickers.

- SW100 Automatic Door Opener Unit
- Push Arm (for outswinging doors)
- Pull Arm (for inswinging doors)
- Hand Programmer
- Power Cord
- Remote Controls (2 units)
- Wireless Push Panels (2 units)
- Allen Wrenches
- Automatic Caution Door Stickers
- USB Flash Drive (with installation video)

4. Specifications

Parameter	Value
Swing Application	One-way inswing or outswing open, single leaf and double leaf standard doors

Parameter	Value
Voltage	110-220 VAC +/-10%
Motor	DC 24V brushless motor
Power Consumption	50W
Opening Time	3-7 sec. @ 90 degrees
Hold Open Time	1-30 sec. Adjustable
Max. Door Frame Depth	200mm / 7.87" (applicable with push arm)
Door Width	Max. 1200mm / 47.2" Min. 660mm / 26"
Max. Opening Angle	120 degrees
Environment Temperature	-20C to 50C (-4F to 122F)
Operation Noise	Less than 55db
Opener Size (L*W*H)	21.45" x 3.35" x 3.74" (545mm x 85mm x 95mm)
Opener Weight	10kg / 22.0 LBS
Material	Aluminum, Stainless Steel
Maximum Weight Capacity	264 Pounds
Specification Met	ADA

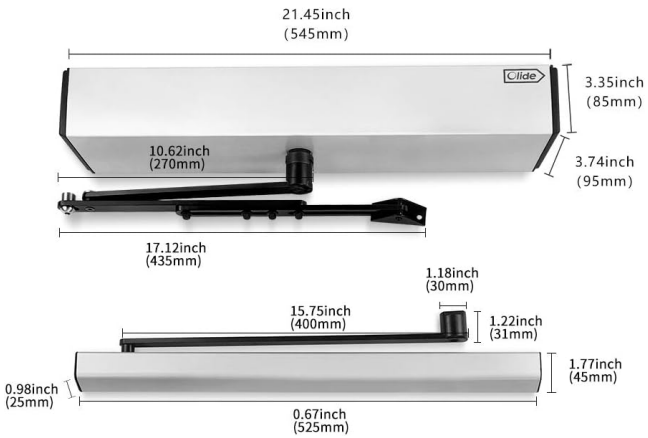


Image: Dimensional drawing of the Olide SW100 Automatic Door Opener, showing overall length, width, and height of the main unit and arm components in both inches and millimeters.

5. Setup and Installation

The Olide SW100 is designed for straightforward installation. Refer to the provided USB flash drive for a detailed installation video, which can greatly assist with the setup process.

5.1 Door Type Configuration

The opener supports both inswing and outswing door configurations. The appropriate arm (push arm for outswinging, pull arm for inswinging) must be selected and installed correctly.



Image: Illustration demonstrating the difference between an "Outswing Pull Open" door configuration and an "Inswing Push Open" door configuration, showing how the door opener arm is positioned for each.

5.2 Mounting the Opener

Mount the main opener unit securely above the door frame. Ensure it is level and aligned with the door's swing path. Use appropriate fasteners for your wall material.

5.3 Connecting Power

Connect the power cord to the opener unit and then to a compatible 110-220 VAC power outlet. The wide voltage technique allows for adaptability to various power supplies.

5.4 Installing Wireless Push Panels

The wireless push panels can be mounted on a wall near the door at a convenient height. The receiver for these panels is built into the main controller, simplifying installation.

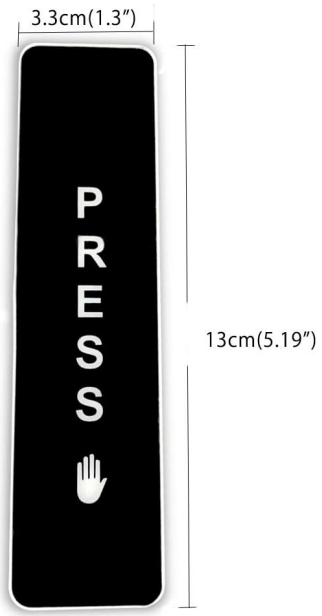


Image: Dimensional drawing of the wireless push panel, showing its length (13cm / 5.19 inches) and width (3.3cm / 1.3 inches).

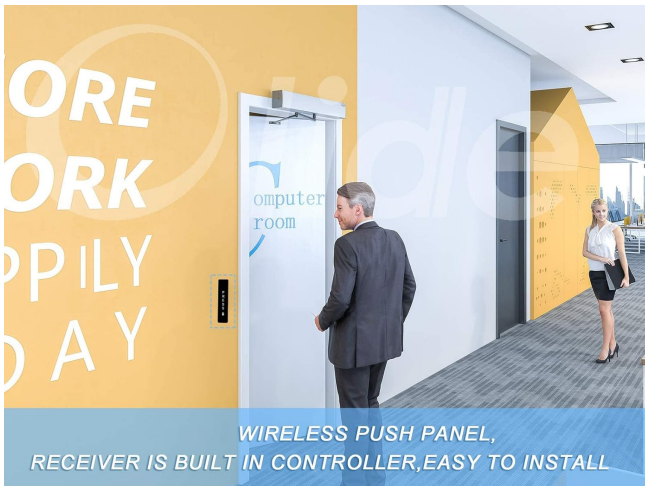


Image: A person standing near a door with the wireless push panel mounted on the wall, illustrating its typical installation and use.

5.5 Initial Programming with Hand Programmer

Use the provided hand programmer to set initial parameters such as opening speed, closing speed, and hold-open time. Detailed instructions for programming are available in the installation video and a separate programming guide (if applicable).

6. Operating Instructions

6.1 Automatic Mode

In automatic mode, the door will open upon activation by the wireless push panels or remote controls. The door will then close automatically after the set hold-open time. The system is equipped with a safety feature that automatically re-opens the door if an object is detected in its closing path.

6.2 Manual Mode

In manual mode, the door can be opened with minimal pressure and will close slowly, providing easy operation for individuals who prefer to open the door manually or for emergency situations.

6.3 Adjusting Parameters

All operational parameters, including opening/closing force and speed, can be easily adjusted using the hand programmer. Refer to the programming guide for specific steps on modifying these settings.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Olide SW100 door opener.

- **Monthly:** Inspect the door opener and arms for any loose screws, unusual noises, or signs of wear. Ensure the door moves smoothly without obstruction.
- **Quarterly:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners. Check the functionality of safety features, such as the auto-reopen function.
- **Annually:** Consider a professional inspection to ensure all components are functioning correctly and to perform any necessary adjustments or lubrication.
- Keep the area around the door clear of debris and obstructions.

8. Troubleshooting

This section addresses common issues you might encounter with your SW100 door opener.

Problem	Possible Cause	Solution
Door does not open/close	No power; remote/panel battery low; obstruction; programming error.	Check power connection; replace batteries; remove obstruction; reset programming with hand programmer.
Door opens/closes too slowly/quickly	Speed settings incorrect.	Adjust opening/closing speed using the hand programmer.
Door re-opens unexpectedly during closing	Obstruction detected; sensitivity too high.	Check for obstructions in the door path; adjust sensitivity settings with the hand programmer.
Remote controls not working	Batteries dead; out of range; antenna not deployed; not paired.	Replace batteries; move closer to the unit; ensure antenna is extended; re-pair remotes according to programming instructions.
Unusual noises during operation	Loose components; lack of lubrication; internal issue.	Check all mounting screws; apply lubricant if necessary (consult professional); if noise persists, contact support.

9. Warranty and Support

Olideauto is committed to providing high-quality automatic entry systems and excellent after-sales service.

9.1 Warranty Information

The Olide SW100 comes with a**60-month product warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Olideauto customer support. You can find contact information on the official Olideauto website or through your purchase platform. When contacting support, please have your model number (SW100) and a description of the issue ready.
Additional resources, including the installation manual in PDF format, may be available online. You can access the official brand store for more information: Olideauto Store.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question