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Olideauto DSW120

Olideauto DSW120 Automatic Swing Door Opener Instruction Manual

Model: DSW120 | Brand: Olideauto

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Olideauto DSW120 Automatic Swing Door Opener. This system is designed to automate the opening and closing of both inswinging and outswinging doors, offering convenience and accessibility for various residential and commercial environments. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

Safety Information

Important Safety Instructions

- Never use the power beyond the stipulated voltage or frequency (110-220 VAC +/-10%).
- Never use this device in a place subject to dampness, vibration, or corrosive gas.
- Installation and adjustment must be carried out strictly according to the instructions in this manual.
- Do not disassemble the unit. Unauthorized disassembly may void the warranty and pose safety risks.
- For disabled access applications, it is recommended to install an optional motion safety scanner to extend the re-opening time and enhance safety.

Package Contents

What's Included

The Olideauto DSW120 package typically includes the following components:



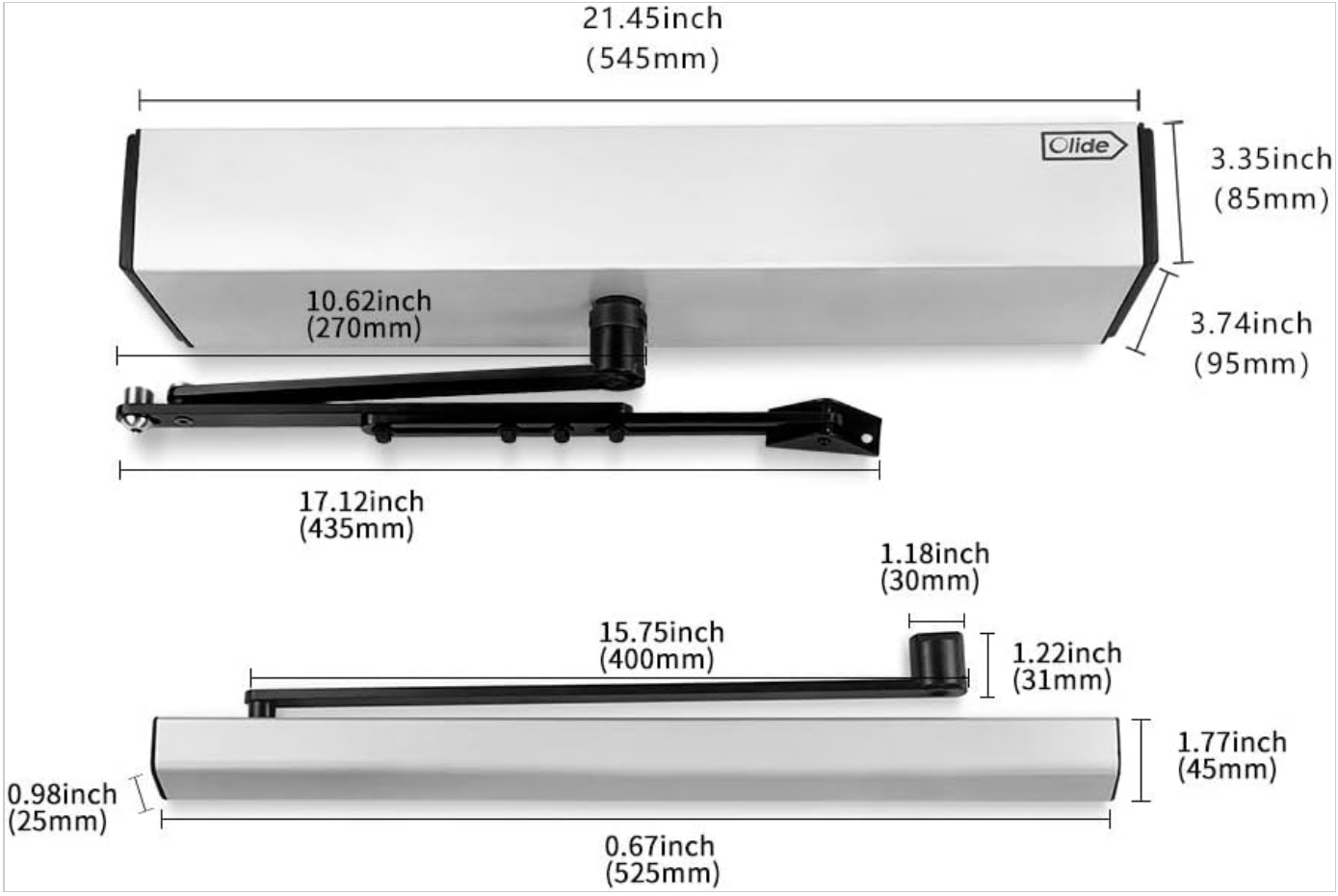
This image displays the complete kit, including the swing door motor, push arm for outswinging doors, pull arm for inswinging doors, hand programmer, power cord, two remote controls, Allen wrenches, two white wired push buttons, and 'Automatic Caution Door' stickers.

- Swing Door Motor Unit
- Push Arm (for outswinging door configuration)
- Pull Arm (for inswinging door configuration)
- Hand Programmer
- Power Cord
- Remote Controls (2 PCS)
- Allen Wrenches
- White Wired Push Buttons (2 PCS)
- Automatic Caution Door Stickers

Technical Specifications

Product Specifications

Feature	Specification
Model	DSW120
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" (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 x W x H)	21.45" x 3.35" x 3.74"
Opener Weight	9.5kg / 20.9 LBS
Maximum Weight Capacity	264 Pounds
UPC	748440822140



This image illustrates the precise dimensions of the Olideauto DSW120 unit and its components, including the main opener body, push arm, and pull arm, with measurements provided in both inches and millimeters.

Installation Guide

The Olideauto DSW120 is designed for both inswing and outswing door configurations. Proper installation is crucial for optimal performance and safety. It is recommended that installation be performed by a qualified technician.

Door Type Configuration



This image demonstrates the two primary door configurations: 'Outswing Pull Open' where the door opens outwards, and 'Inswing Push Open' where the door opens inwards. The appropriate arm (push or pull) must be selected and installed based on your door's opening direction.

General Installation Steps (Summary)

1. **Mount the Opener Body**: Securely attach the main opener unit to the door frame or wall above the door, ensuring it is level and aligned according to the chosen door configuration.
2. **Install the Arm**: Select either the push arm (for outswinging doors) or the pull arm (for inswinging doors) and attach it to the opener and the door. Ensure all connections are tight and secure.
3. **Wire the Components**: Connect the power cord, push buttons, and any optional accessories (like safety sensors) to the main control board inside the opener. Refer to the wiring diagram on the control board for correct connections.
4. **Power On and Initial Test**: Apply power to the unit and perform an initial test to ensure basic functionality. Observe the door's movement for any anomalies.
5. **Parameter Adjustment**: Use the handheld programmer to fine-tune operating parameters such as opening/closing speed and hold-open time.

For detailed wiring diagrams, specific mounting instructions, and safety sensor integration, please refer to the comprehensive installation manual provided with your product.

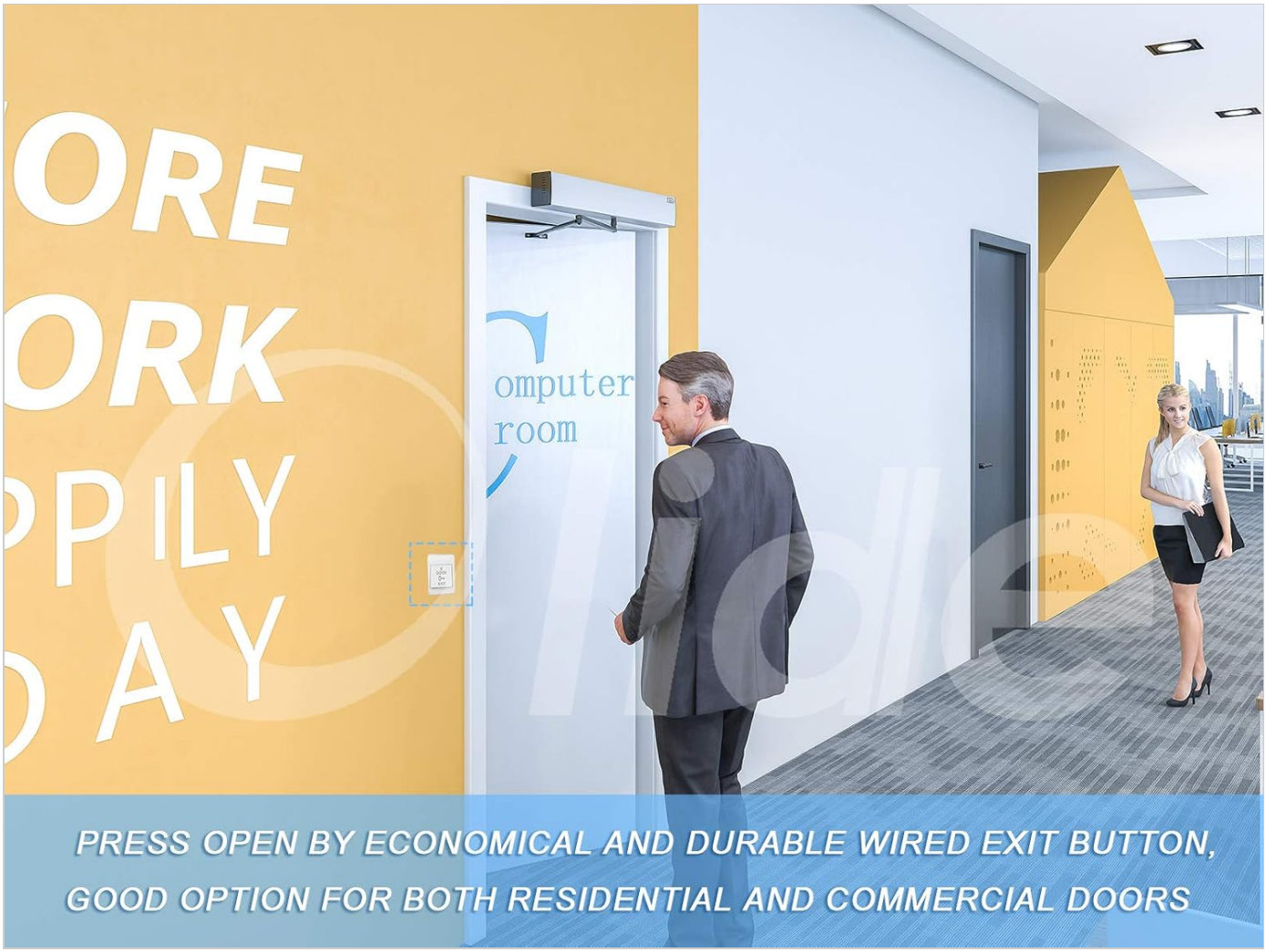
Operating Instructions

Activation Methods

- **Remote Control**: Press the designated button on the wireless remote control to activate the door opener. The door will open, remain open for the set hold-open time, and then close automatically.
- **Wired Push Buttons**: Press the wired exit button to open the door. These buttons are typically installed on either side

of the door for convenient access.

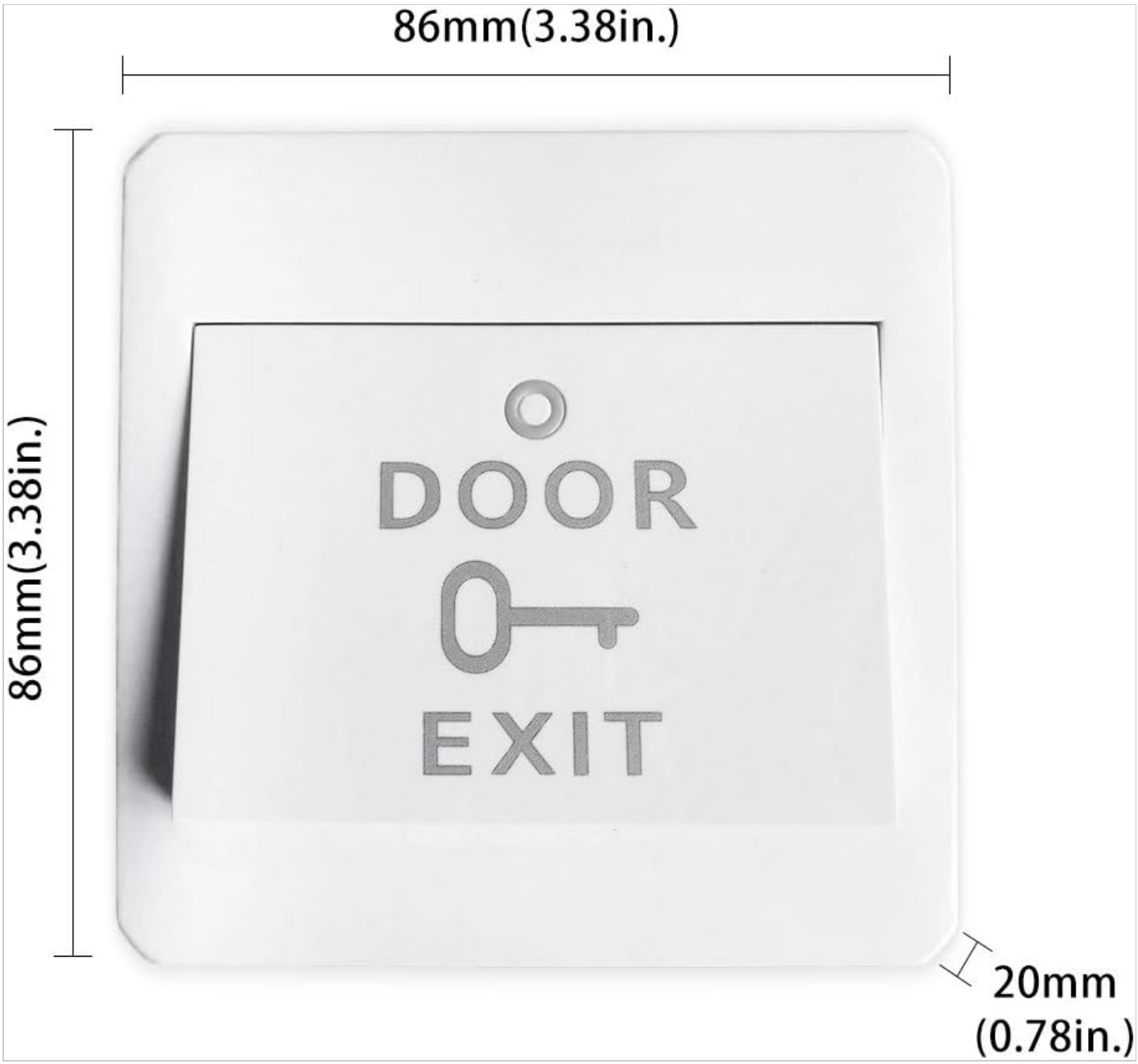
- **Manual Mode**: The door can be opened manually with minimal force. This feature is particularly useful for handicapped individuals or during power outages, allowing for easy passage.



This image shows a person activating the automatic swing door using a wired exit button, demonstrating a common application in commercial or office settings.

Parameter Adjustment with Hand Programmer

The handheld programmer allows for precise customization of the door opener's behavior to suit specific needs and environments.



This image displays the handheld programmer and lists the adjustable parameters:

1. **Opening or closing speeds**: Adjust the speed at which the door opens and closes.
2. **Manually open force (Push go function)**: Set the minimum force required to manually open the door.
3. **Opening direction**: Configure the opener for inswing or outswing operation.
4. **Hold-open time**: Define how long the door remains open after activation before automatically closing.
5. **Lock mode**: Configure the door's locking behavior (e.g., power on to lock/power off to lock).

Use the 'Increase' and 'Decrease' buttons to modify values, and 'Function Selection' to navigate between parameters. The 'Test' button can be used to check settings after adjustment.

Maintenance Guidelines

Regular maintenance ensures the longevity and reliable operation of your Olideauto DSW120 Automatic Swing Door Opener.

- **Regular Cleaning**: Keep the opener unit, door tracks, and sensors clean from dust, dirt, and debris. Use a soft, damp cloth for cleaning.

- **Inspect Moving Parts**: Periodically check the arms, hinges, and other moving components for signs of wear, damage, or looseness. Replace any worn parts promptly.
- **Lubrication**: Apply appropriate lubricant to moving parts as recommended in the full product manual to ensure smooth operation and prevent friction.
- **Functionality Test**: Regularly test the door's opening and closing functions, including safety features like automatic re-opening if an obstruction is detected.
- **Power Supply Check**: Ensure the power cord and all electrical connections are secure, undamaged, and free from corrosion.

Troubleshooting Common Issues

This section provides solutions for common operational problems. If an issue persists, contact customer support.

Problem	Possible Cause	Solution
Door does not open or close	No power, remote battery low, obstruction, incorrect settings	Check power supply, replace remote battery, remove obstruction, verify programmer settings
Door opens or closes too slowly/quickly	Speed settings incorrect	Adjust opening/closing speed using the handheld programmer
Door re-opens unexpectedly	Obstruction detected by safety sensor, sensor misalignment	Clear obstruction, check and adjust safety sensor alignment
Unusual noises during operation	Worn parts, lack of lubrication, loose components	Inspect moving parts, lubricate as needed, tighten fasteners

If issues persist after attempting these solutions, please contact customer support for further assistance.

Warranty and Support

Warranty Information

Olideauto products typically come with a 60-month (5-year) product warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for all warranty claims.

Customer Support

For technical assistance, installation guidance, or troubleshooting not covered in this manual, please contact Olideauto customer support. USA Technical phone support is available to assist you. Refer to your product packaging or the official Olideauto website for current contact information and support resources.

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