Olideauto DSW-120B

Olideauto DSW-120B Automatic Swing Door Opener Instruction Manual

Model: DSW-120B | Brand: Olideauto

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the Olideauto DSW-120B Automatic Swing Door Opener. This heavy-duty system is designed for both automatic and manual operation, suitable for commercial doors and ADA-compliant access. It features a durable motor and can be activated by wireless handicap push buttons or remote fobs.

The Olideauto DSW-120B is engineered with advanced wide voltage technique, allowing it to adapt to voltage fluctuations between 110-220VAC +/-10%. This ensures energy efficiency and durability across various power supply conditions.

2. Included Components

The Olideauto DSW-120B Automatic Swing Door Opener package includes the following items:

- Automatic Swing Door Opener Unit (main body)
- Push Arm for outswinging doors
- Pull Arm for inswinging doors
- 2 Wireless Handicap Push Switches ('Press to Open')
- Wireless Receiver
- Handheld Programmer
- 2 Remote Controls (fobs)
- Power Cord
- Allen Wrenches and various mounting hardware (screws, spacers)
- Automatic Caution Door stickers



Figure 2.1: Overview of all components included with the Olideauto DSW-120B Automatic Swing Door Opener.

For a visual unboxing and overview of the components, please refer to the video below:

Video 2.1: An unboxing video demonstrating the contents of the Olideauto DSW-120B Automatic Swing Door Opener package, showing each component as it is removed from the box.

3. Setup and Installation

The Olideauto DSW-120B is designed for easy installation. Technical phone support is available in the USA to assist with setup and debugging.

3.1 Mounting the Door Opener

The door opener can be installed for both inswing and outswing door configurations. The package includes both a push arm and a pull arm to accommodate these different opening directions.



Figure 3.1: Illustration of inswing push open and outswing pull open door configurations with the Olideauto DSW-120B.

Refer to the detailed installation diagram for proper placement of the automatic door opener, electric strike, handicap open buttons, and receiver.

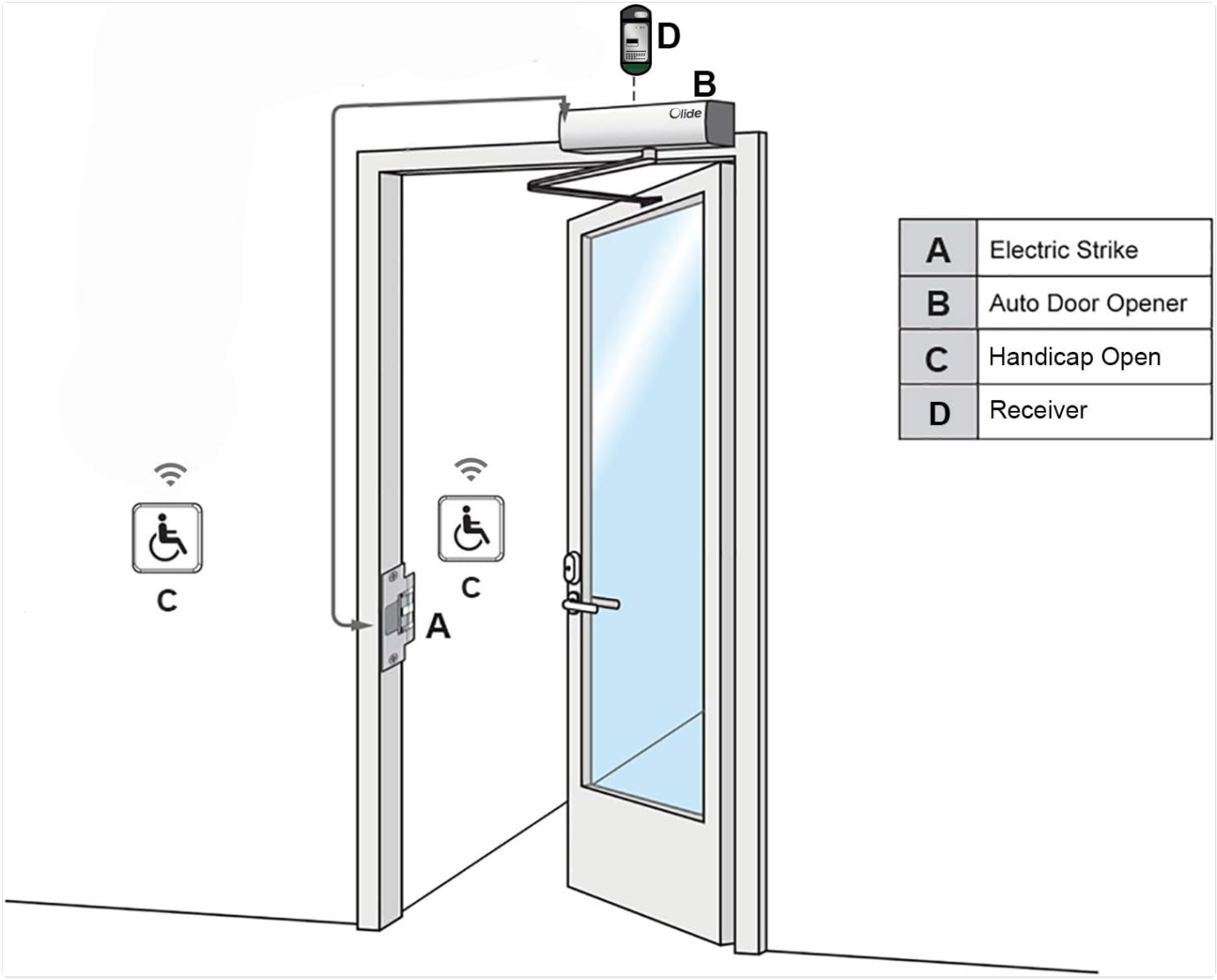


Figure 3.2: General installation diagram for the automatic swing door system.

For a visual guide on upside-down installation, watch the video below:

Video 3.1: Demonstrates the upside-down installation method for the Olideauto DSW-120B swing door opener.

3.2 Wiring and Connections

The main unit includes terminals for AC power input (110-220 VAC +/-10%) and connections for accessories. Ensure proper wiring according to local electrical codes and the provided wiring diagram.

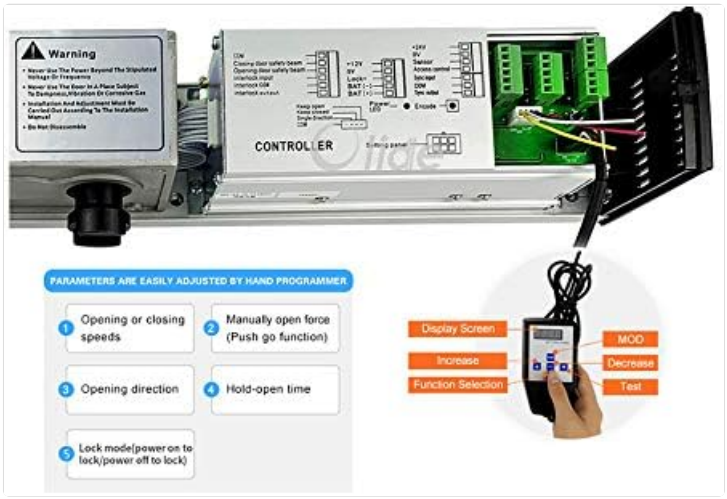


Figure 3.3: Internal controller board with wiring terminals and parameter adjustment points.

3.3 Wireless Push Switches and Receiver

The system includes wireless handicap push switches and a wireless receiver for convenient operation. The push switches utilize 2.4G wireless communication technology and can be easily switched between wireless and wired modes.



Figure 3.4: Details of the wireless handicap push switch.

The wireless receiver (Model: Olide-510F) operates on 2.4GHz radio frequency, offering high sensitivity and stability with a maximum wireless range of 10 meters (34 feet). It also features adjustable 'keep open' or 'auto close' settings and a buzzer on/off function.



Figure 3.5: Specifications and features of the wireless receiver.

4. Operating Instructions

The Olideauto DSW-120B offers multiple modes of operation for user convenience and accessibility.

4.1 Automatic Operation

The door can be opened automatically using the wireless handicap push buttons or the included remote control fobs. This provides convenient and safe access, especially for individuals with disabilities.

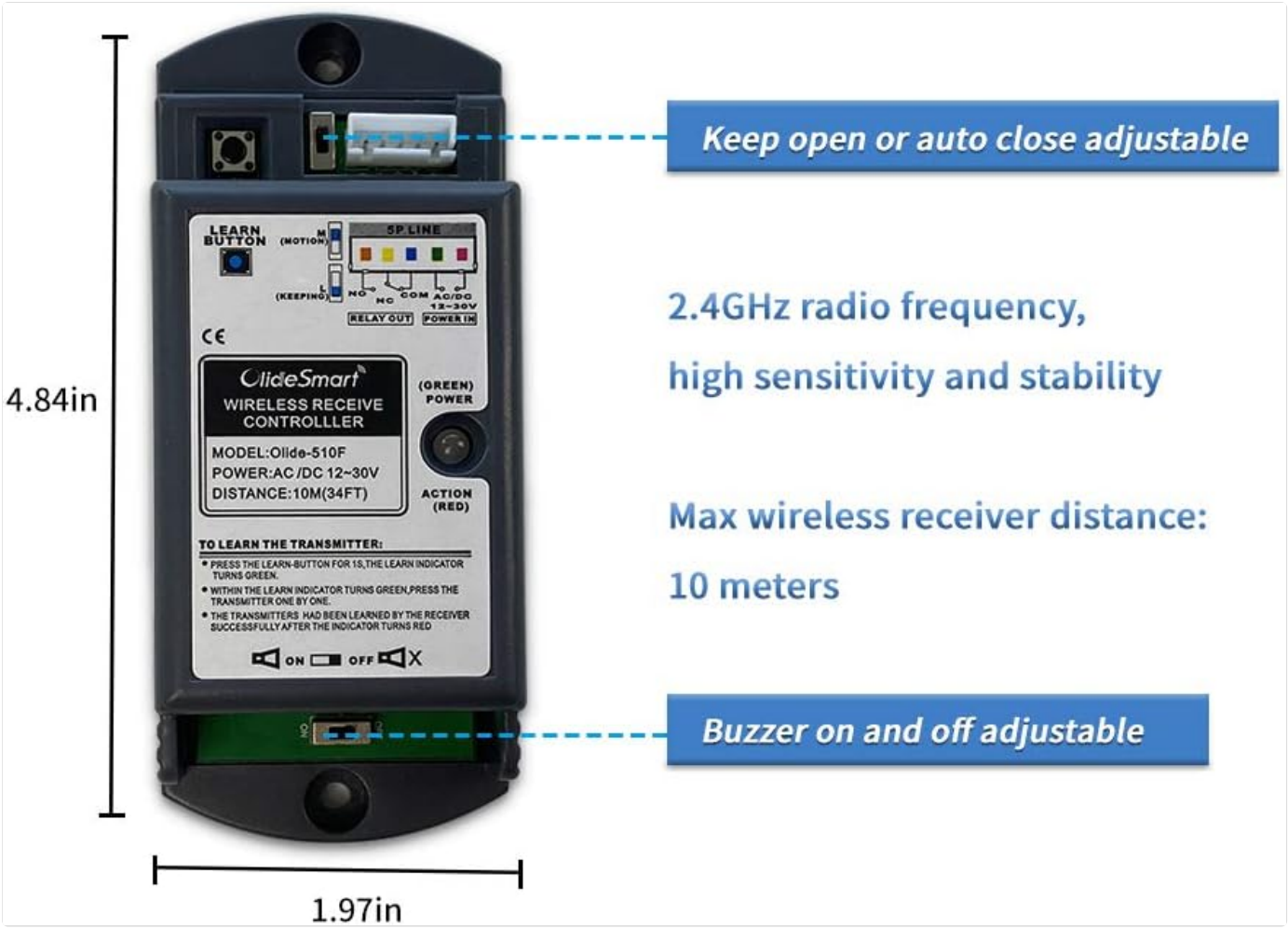


Figure 4.1: Automatic door operation activated by a handicap push button.

The handheld programmer allows for easy adjustment of parameters such as opening/closing speeds, opening direction, and hold-open time. The door can also be set to remain open indefinitely.

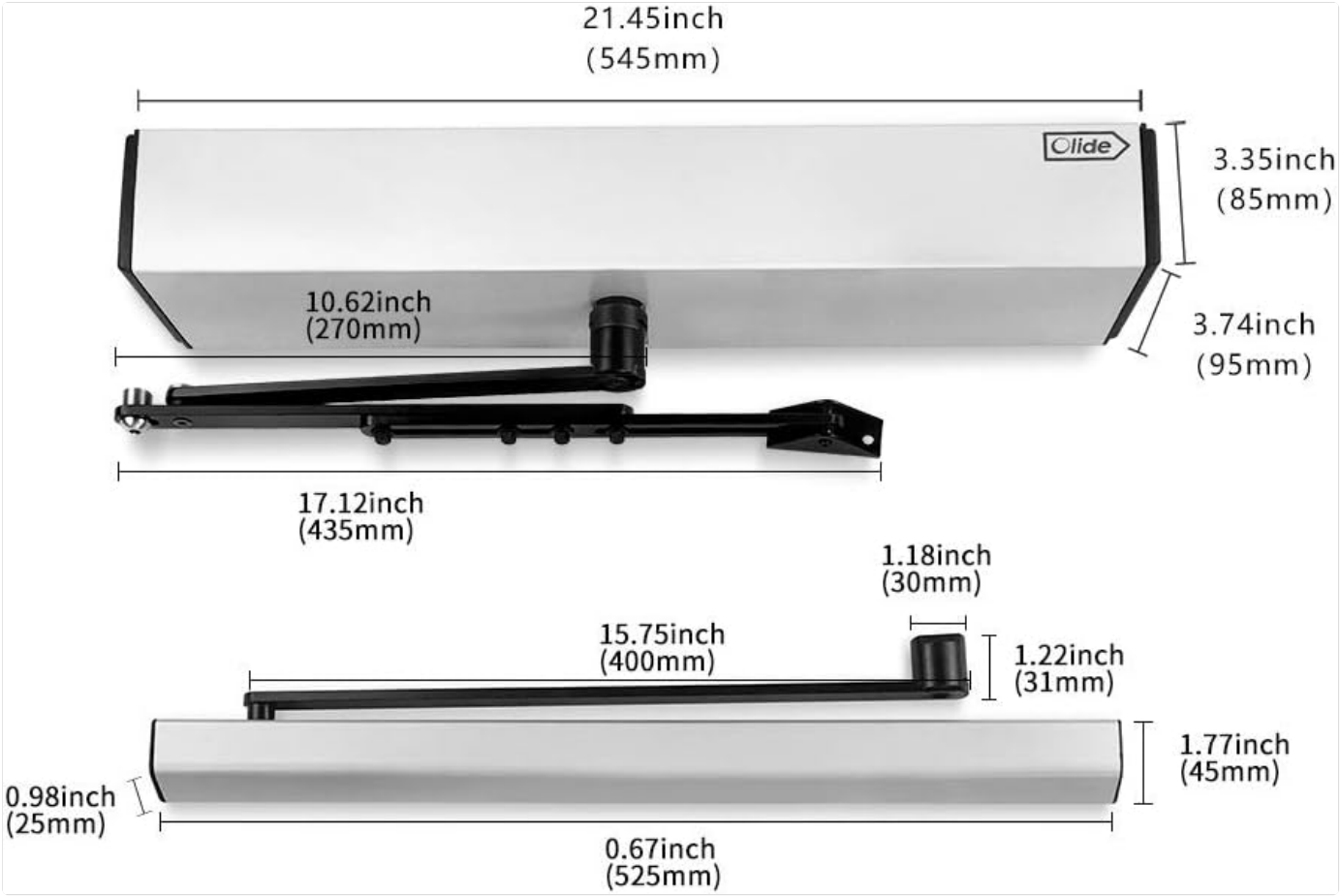


Figure 4.2: Handheld programmer for adjusting door opener parameters.

View the following videos for demonstrations of automatic operation:

Video 4.1: Demonstrates the Olideauto DSW-120B operating as a handicap door opener, showcasing its automatic swing functionality.

Video 4.2: Shows the automatic door opener in action, providing easy access for disabled individuals.

Video 4.3: Demonstrates the automatic door opener for inswing push open exterior home doors.

Video 4.4: Shows the automatic door opener functioning for pet access, demonstrating its auto open and close capabilities.

4.2 Manual Operation

In manual mode, the door opens with minimal pressure and closes slowly, ensuring easy operation for all users, including those with disabilities.

4.3 Touchless Operation (Optional)

For touchless operation, an optional motion safety sensor can be integrated. This allows the door to open without physical contact, enhancing hygiene and convenience.

Video 4.5: Demonstrates touchless automatic door opener functionality using a sensor.

Video 4.6: Shows motion sensor-activated touchless auto ADA door opener for hands-free operation.

5. Maintenance

To ensure optimal performance and longevity of your Olideauto DSW-120B Automatic Swing Door Opener, regular

maintenance is recommended:

- **Cleaning:** Periodically clean the exterior of the unit and the door arms with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Inspection:** Regularly inspect all moving parts, screws, and connections for any signs of wear, looseness, or damage. Tighten any loose screws.
- **Lubrication:** Consult with a qualified technician for any lubrication requirements of internal moving parts.
- **Sensor Check:** If optional sensors are installed, ensure they are clean and unobstructed for proper function.

For any complex maintenance or repairs, it is advised to contact Olideauto technical support or a certified professional.

6. Troubleshooting

This section addresses common issues you might encounter with your Olideauto DSW-120B Automatic Swing Door Opener.

- **Door does not open/close:** Check power supply connections. Ensure wireless switches and remote fobs have working batteries and are within range. Verify that no obstructions are blocking the door's path.
- **Door re-opens unexpectedly:** The unit has an automatic re-open function if it detects an object in its closing path. Ensure the doorway is clear. If active protection is required, consider installing an optional motion safety sensor (ASIN: B07BGV6QRX) to prevent closing when someone is within range.
- **Incorrect door behavior (speed, hold time):** Parameters can be easily adjusted using the handheld programmer. Refer to Figure 4.2 for an overview of adjustable settings.
- **Wireless communication issues:** Ensure the wireless receiver is properly installed and within the 10-meter (34 feet) range of the transmitters. Check for potential interference from other 2.4GHz devices.

If you experience persistent issues, please contact Olideauto technical support for assistance.

7. Specifications

Feature	Specification
Model	DSW-120B
Installation Type	Screw-In
Specification Met	ADA
UPC	763891905938
Manufacturer	Chinentech Industrial Limited
Item Weight	20.4 pounds
Product Dimensions	21.45 x 3.35 x 3.74 inches (545 x 85 x 95 mm)
Style	With Wireless Handicap Push Switches

Feature	Specification
Maximum Weight Capacity	264 Pounds
Batteries Included?	No
Batteries Required?	No
Material	Metal
Color	Silver
Exterior Finish	Stainless Steel
Swing application	One-way inswing or outswing open, single leaf and double leaf standard doors
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 weight	10kg / 22.0 LBS

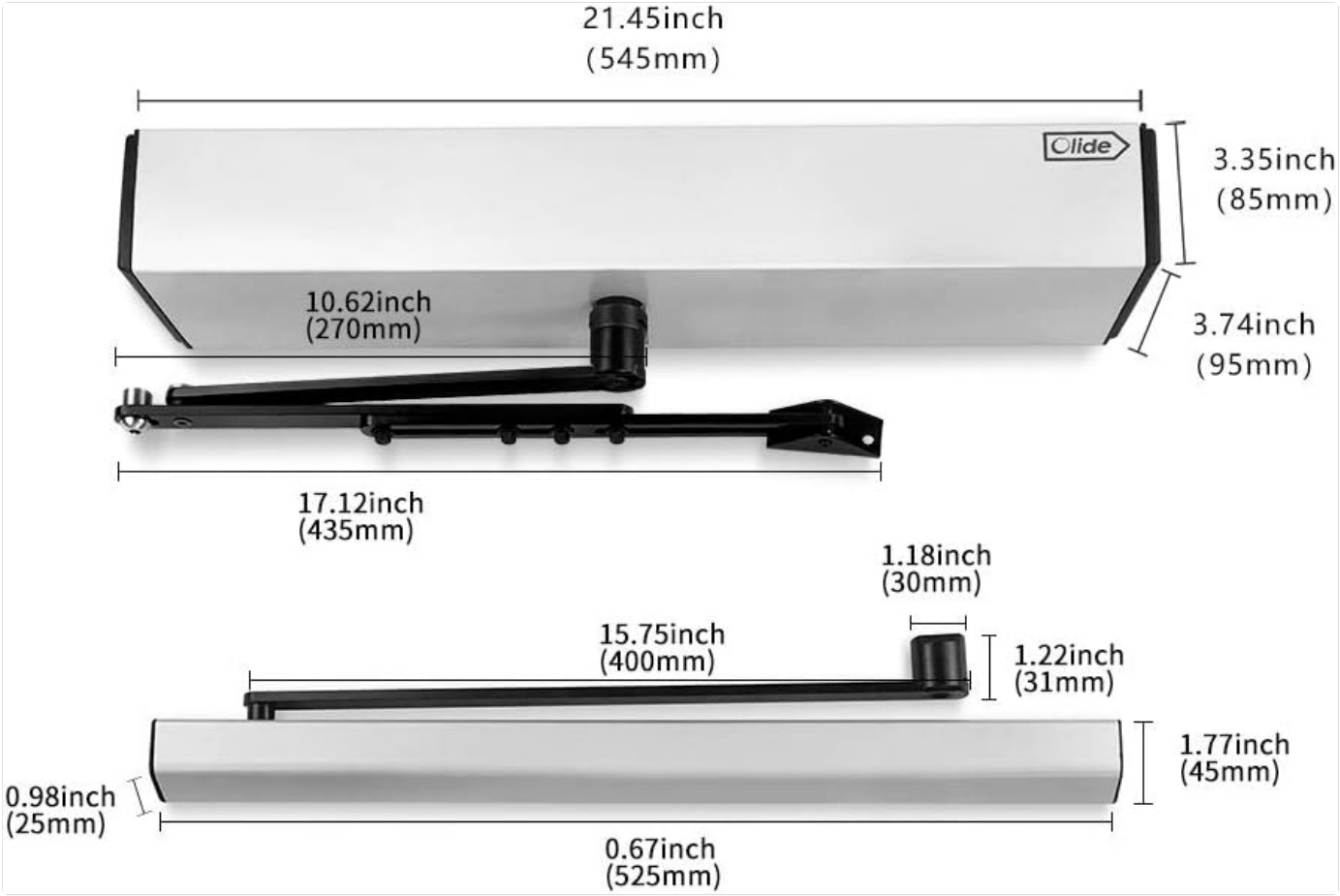


Figure 7.1: Dimensional drawing of the Olideauto DSW-120B unit.

8. Warranty Information

The Olideauto DSW-120B Automatic Swing Door Opener comes with a**60-month product warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or contact customer support.

9. Customer Support

For any questions, technical assistance, or troubleshooting, Olideauto provides USA Technical phone support. Please refer to the contact information provided in your product packaging or on the official Olideauto website for the most current support details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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