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> [Olideauto 120B Automatic Door Opener Instruction Manual](#)

## Olideauto 120B



# Olideauto 120B Automatic Door Opener Instruction Manual

Model: 120B

## 1. INTRODUCTION

The Olideauto 120B is a low-energy automatic swing door opener designed to provide easy and convenient access for individuals with disabilities, the elderly, and pedestrians. This system supports both automatic and manual operation modes, activated by wired and wireless 2-in-1 handicap push buttons. It features advanced wide voltage technology, allowing it to adapt to voltage fluctuations between 110-220VAC +/-10%, making it suitable for various global power environments. The system is designed for both inswing and outswing doors, offering flexibility in installation.



Figure 1: Olideauto 120B Automatic Door Opener with included accessories.

## 2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Ensure power is disconnected before performing any installation or maintenance.
- Installation should be performed by qualified personnel to prevent injury or damage.
- Do not operate the door opener if any part is damaged or malfunctioning.
- Keep hands and objects clear of the door's path during operation.
- Regularly inspect the door opener for wear and tear, and ensure all fasteners are secure.
- If active protection is required, consider purchasing an optional safety motion sensor (ASIN: B07BGV6QRX) to prevent the door from closing when someone is within its range.

### 3. PACKAGE CONTENTS

The Olideauto 120B Automatic Door Opener package typically includes the following components:

- Automatic Door Opener Unit (Motor, Gearbox, Controller)
- Push Arm (for inswing doors) and Pull Arm (for outswing doors)
- Mounting Plate
- Handheld Programmer
- Power Cable
- Two Wireless Remote Controls
- Two Wired/Wireless 2-in-1 Stainless Steel Handicap Push Switches
- Wireless Receive Controller (Olide-510F)
- Installation Hardware (screws, spacers, Allen wrenches)
- Instruction Manual



Figure 2: All components included with the Olideauto 120B Automatic Door Opener.

[Unboxing Video](#)

## 4. SPECIFICATIONS

Feature	Specification
Installation Type	Surface-Mounted
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	21.45"(L) x 3.35"(W) x 3.74"(H)
Opener Weight	10kg / 22.0 LBS
Material	Stainless Steel
Maximum Weight Capacity	264 Pounds
Batteries	2 x 12V batteries required (included)

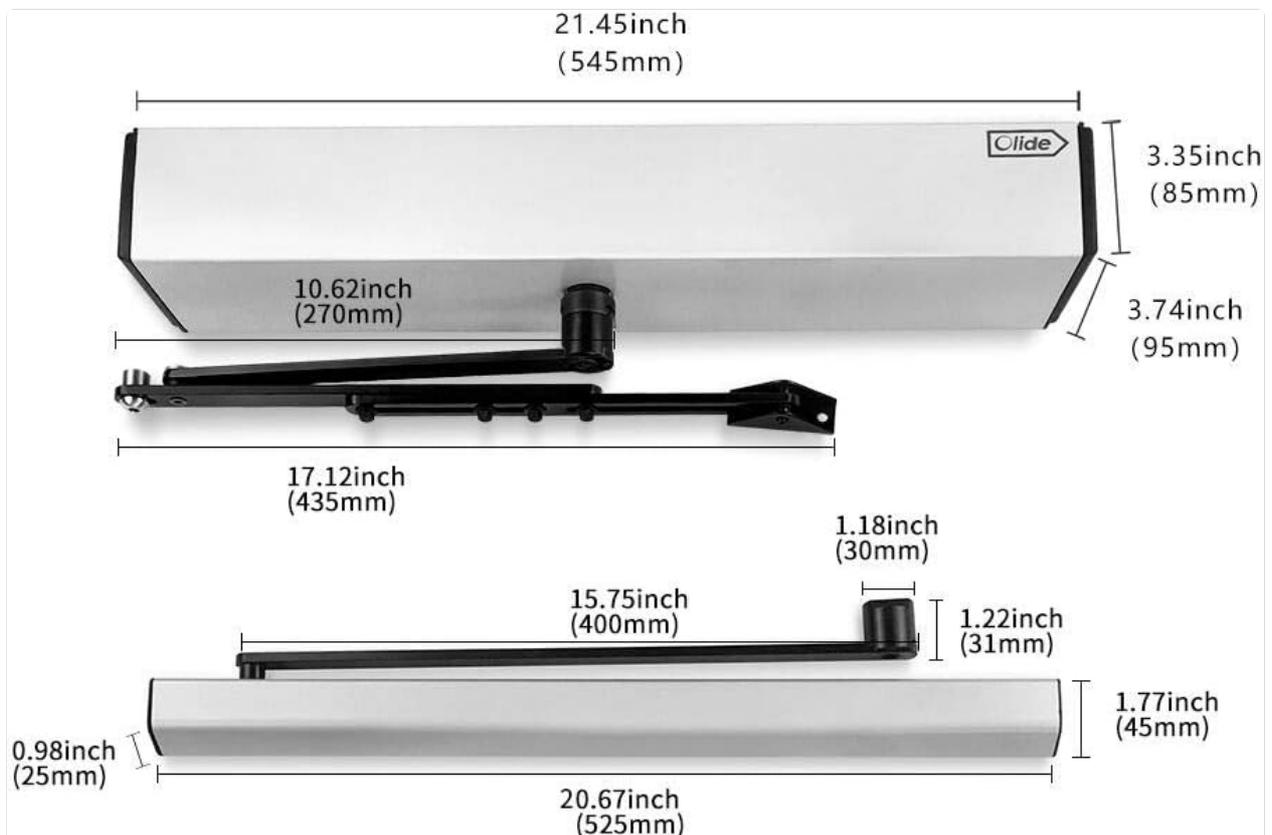


Figure 3: Detailed dimensions of the Olideauto 120B Automatic Door Opener.

## 5. SETUP (INSTALLATION)

Proper installation is crucial for the optimal performance and safety of your Olideauto 120B Automatic Door Opener. The unit is designed for surface mounting and can be configured for both inswing and outswing doors.

### Installation Overview

1. **Mounting Plate:** Securely attach the mounting plate to the door frame. Ensure it is level and positioned correctly according to your door's swing direction (inswing or outswing).
2. **Opener Unit:** Mount the main opener unit onto the pre-installed mounting plate.
3. **Arm Assembly:** Attach the appropriate arm (push or pull) to the opener unit and the door. Adjust the arm to achieve the desired opening angle and smooth operation.
4. **Wiring:** Connect the power supply and control accessories (push switches, remote receiver) to the main controller unit.
5. **Programming:** Use the handheld programmer to set operating parameters such as opening/closing speed, hold-open time, and manual force.

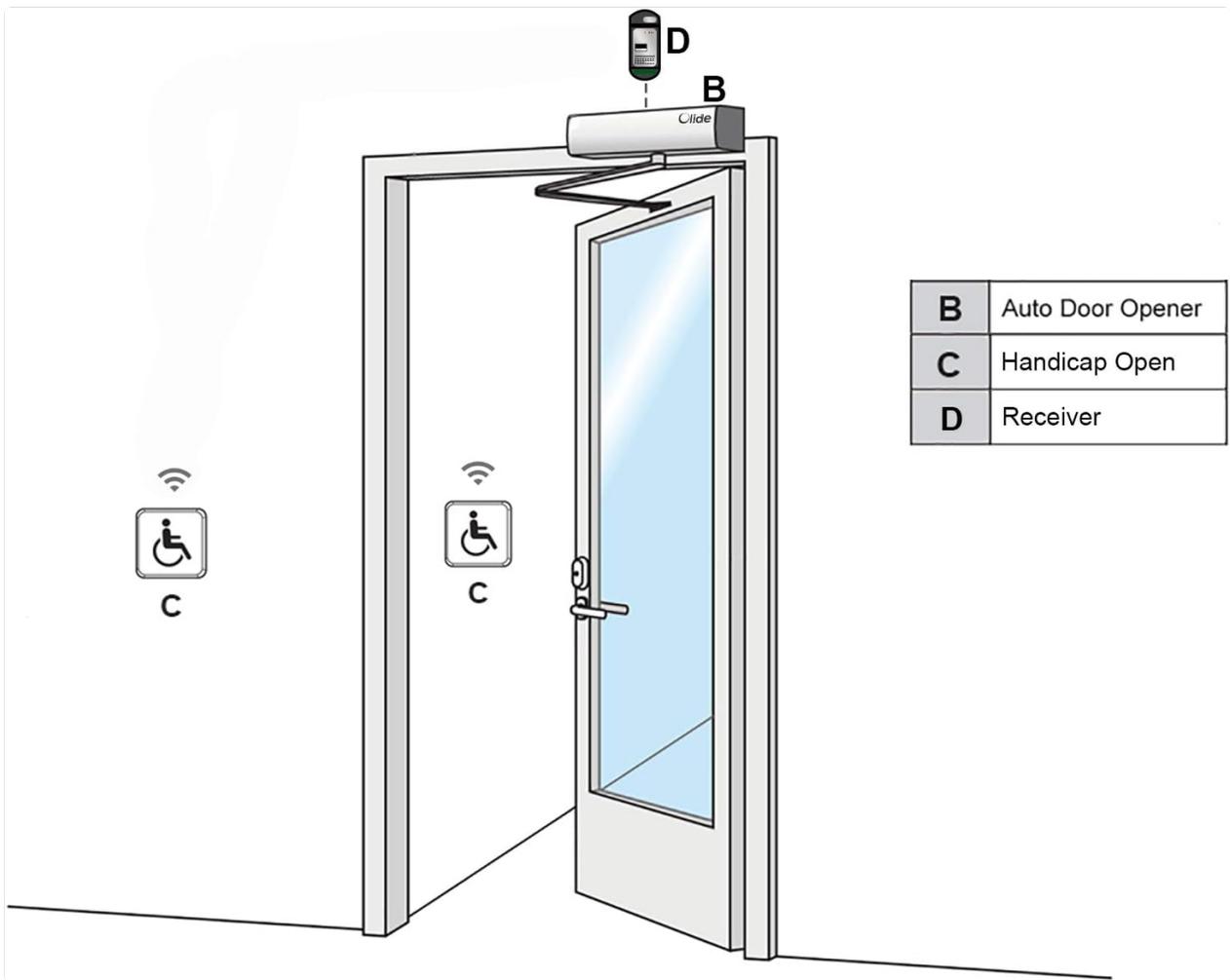


Figure 4: Diagram illustrating the typical installation of the automatic door opener with a handicap open switch and receiver.



Figure 5: Visual representation of inswing push open and outswing pull open configurations.

### Installation Video

Video 2: A detailed installation guide for the Olideauto Low Energy ADA Electric Swing Door Operators.

## 6. OPERATING INSTRUCTIONS

The Olideauto 120B offers versatile operation through various activation methods.

### Automatic Mode

In automatic mode, the door opens upon activation from a connected device (e.g., push switch, motion sensor) and closes automatically after the set hold-open time. The automatic rebound function will re-open the door if an object is detected in its closing path.

### Manual Mode

In manual mode, the door opens with minimal pressure and closes slowly, providing easy operation for individuals who prefer to open the door by hand.

### Handicap Push Switch

The included wired/wireless 2-in-1 stainless steel handicap push switches provide a convenient way to activate the door opener. Simply press the switch to open the door.



Figure 6: The 4.5" stainless steel wired & wireless handicap push switch.

### Remote Control Operation

The wireless remote controls allow for convenient activation of the door opener from a distance. Each remote typically has buttons for various functions, including opening, closing, and holding the door open.

# Easy Program & Debug Automatic Door Opener Via Handheld Programmer



1. Opening or closing speeds
2. Manually open force  
(push go function)
3. Opening direction
4. Hold-on open
5. Lock modes are optional,  
power on lock and power off  
lock is adjustable



Figure 7: Handheld programmer and remote controls for the Olideauto 120B.

## Operation Videos

Video 3: Demonstration of the automatic electric swinging door opener in action.

Video 4: Illustrates the 'Hold Open' feature of the automatic door opener 120B.

## 7. PROGRAMMING

The handheld programmer allows for easy adjustment of various operating parameters to customize the door opener's behavior.

- **Opening/Closing Speeds:** Adjust how quickly the door opens and closes.
- **Manual Open Force:** Set the amount of force required to manually open the door (push-go function).
- **Opening Direction:** Configure the door's opening direction (inswing or outswing).
- **Hold-on Open Time:** Adjust the duration the door remains open before automatically closing.
- **Lock Modes:** Select various lock modes, including power-on lock and power-off lock options.

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Figure 8: The handheld programmer for setting various door opener parameters.

## Remote Control Encoding Video

Video 5: Instructions on how to encode the wireless remote control with the automatic door opener 120B.

## 8. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your Olideauto 120B Automatic Door Opener.

- **Cleaning:** Keep the exterior of the opener unit and the arm assembly clean from dust and debris. Use a soft, damp cloth.
- **Inspection:** Periodically check all mounting screws and connections to ensure they are tight and secure. Inspect the arm for any signs of wear or damage.
- **Lubrication:** The internal components are factory-lubricated. Avoid applying additional lubricants unless specifically instructed by Olideauto support.
- **Battery Check:** Ensure the included 12V batteries are functioning correctly. Replace if necessary.

## 9. TROUBLESHOOTING

If you encounter issues with your Olideauto 120B, refer to the following common troubleshooting steps:

- **Door Not Opening/Closing:**

- Check if the power cable is securely plugged in and the unit is receiving power.
- Verify that the remote control batteries are not depleted.
- Ensure the push switches are correctly wired and functioning.
- Check for any obstructions in the door's path.

- **Door Operating Erratically:**

- Review the programming settings using the handheld programmer to ensure parameters like speed and hold-open time are correctly configured.
- Inspect the arm assembly for any loose connections or damage.

- **Unusual Noises:**

- Check for any loose components or foreign objects interfering with the door's movement.
- If persistent, contact customer support.

For further assistance, please refer to the detailed troubleshooting section in the full product manual or contact Olideauto customer support.

## 10. WARRANTY & SUPPORT

The Olideauto 120B Automatic Door Opener comes with a **60-month product warranty**. For warranty claims, technical support, or any inquiries regarding your product, please contact Olideauto customer service through their official channels or visit their store on Amazon.

**Olideauto Value:** Supply high-quality, affordable automatic entry systems with excellent after-sales service.

**Contact Information:** Refer to your product packaging or the official Olideauto website for the most up-to-date contact details.