

Olide Olide-120B

Olide Swing Door Automatic Opening System Olide-120B Instruction Manual

1. SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, injury, or improper operation of the device. Keep this manual for future reference.

- Ensure all electrical connections are performed by a qualified electrician and comply with local electrical codes.
- Disconnect power before performing any maintenance or adjustments.
- Do not allow children to play with the automatic door system or its controls.
- Regularly inspect the system for any signs of wear, damage, or loose components.
- This device is designed for swing doors. Do not attempt to use it on other door types.

2. PRODUCT OVERVIEW

The Olide Swing Door Automatic Opening System, model Olide-120B, is designed to provide convenient and accessible automatic operation for swing doors. It is suitable for various applications, including residential and commercial settings, assisting individuals with mobility challenges.

Key Components:

- Automatic Door Opener Unit (Motor and Controller)
- Swing Arm (Pull or Push type)
- Remote Controls
- Hand Induction Switches
- Power Cable
- Adjustment Tool (Hex keys)



Figure 2.1: Overview of the Olide-120B automatic swing door opener system components. This image displays the main opener unit, the swing arm, two remote controls, two hand induction switches, power cables, and adjustment tools.



Figure 2.2: The complete Olide-120B system, including an 'Automatic Caution Door' sticker, indicating its operational status and safety warning.

3. SETUP AND INSTALLATION

The Olide-120B system is designed for screw mounting. Proper installation is crucial for safe and reliable operation. It is recommended that installation be performed by a professional.

3.1 Pre-Installation Checks

- Ensure the door width does not exceed 1200mm.
- Verify the door weight is within the maximum limit of 120kg.
- Confirm a stable power supply of 110V/AC, 50/60Hz is available at the installation site.
- Determine the door's swing direction (inward or outward) to select the appropriate arm configuration (pull arm

or push arm).

3.2 Mounting the Main Unit

Mount the main opener unit securely above the door frame using appropriate screws and anchors. Ensure it is level and aligned with the door.

3.3 Arm Installation

Attach the swing arm to the main unit and the door. The type of arm (pull or push) depends on whether the door opens inward or outward.



Figure 3.1: Illustration showing the optimal arm configuration for inward-opening doors (pull arm) and outward-opening doors (push arm).

3.4 Electrical Connections

Connect the power supply and control devices (remote receiver, hand induction switches) to the controller unit as per the wiring diagram provided in the detailed installation guide (not included in this manual). Ensure all connections are secure and insulated.



Figure 3.2: The controller unit with its various terminals for connections and a handheld programmer for parameter adjustments. The programmer allows for setting opening speed, manual push function, opening direction, and hold-open time.

3.5 Initial Adjustments

After installation, use the handheld programmer to set initial parameters:

- **Opening/Closing Speed:** Adjust the door's movement speed.
- **Manual Push Function:** Enable or disable the ability to manually push the door open.
- **Opening Direction:** Configure for single-direction or bi-directional opening.
- **Hold-Open Time:** Set how long the door remains open after activation.

4. OPERATING INSTRUCTIONS

The Olide-120B system can be operated using remote controls or hand induction switches.

4.1 Using Remote Controls

Press the designated button on the remote control to activate the door. The door will open, remain open for the set hold-open time, and then close automatically.

4.2 Using Hand Induction Switches

Wave your hand over the sensor area of the hand induction switch to activate the door. The door will open and close according to the programmed settings.



Figure 4.1: Dimensions of the hand induction switch (3.38 inches L x 3.38 inches W x 0.55 inches H). This switch allows for touchless activation of the door.

4.3 Adjusting Parameters

The handheld programmer (refer to Figure 3.2) allows for fine-tuning of operational parameters such as opening/closing speed (250-450mm/s), opening direction (both-way or one-way), and hold-open time. Consult the detailed programming guide for specific instructions on using the programmer.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Olide-120B system.

- **Monthly Inspection:** Check all mounting screws and connections for tightness. Ensure the swing arm moves freely without obstruction.
- **Cleaning:** Keep the main unit and sensors clean and free from dust and debris. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Lubrication:** Periodically check the moving parts of the swing arm for smooth operation. Apply a small amount of silicone-based lubricant if necessary, avoiding electrical components.
- **Sensor Check:** Test the hand induction switches and any other sensors regularly to ensure they respond correctly.

6. TROUBLESHOOTING

If you encounter issues with your Olide-120B system, refer to the following common problems and solutions:

- **Door not opening/closing:** Check power supply, ensure all cables are securely connected, and verify remote control batteries.
- **Door moves erratically:** Inspect the swing arm for obstructions or damage. Check parameter settings with the handheld programmer.
- **Sensors not responding:** Clean the sensor surface. Ensure there are no objects blocking the sensor's field.
- **Unusual noises:** Inspect moving parts for wear or misalignment. Lubricate if necessary. If the noise persists, contact support.

For complex issues not covered here, please contact Olide customer support.

7. SPECIFICATIONS

Detailed technical specifications for the Olide Swing Door Automatic Opening System Olide-120B:

Feature	Specification
Model	Olide-120B
Applicable Door Width	Up to 1200mm
Applicable Door Weight	Up to 120kg
Power Supply	110V/AC, 50/60Hz
Opening/Closing Speed	250-450mm/s (Adjustable)
Door Type Compatibility	Both-way, One-way swing doors
Mounting Type	Screw mount
UPC	721968000856
Manufacturer	Chinentech Industrial Limited
Power Consumption	50 W
Voltage	110 Volts
Batteries Included	No
Item Weight	9 Kilograms
Material	Aluminum
Product Dimensions (L x W x H)	54.5 cm x 9.5 cm x 8.5 cm



Figure 7.1: Dimensional drawing of the Olide-120B main unit, showing its length (21.45 inches / 545mm), width (3.74 inches / 95mm), and height (3.35 inches / 85mm).

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Olide Swing Door Automatic Opening System Olide-120B comes with a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Olide customer support through your retailer or the official Olide website. Provide your model number (Olide-120B) and a detailed description of the issue when contacting support.

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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

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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

Answered questions about this manual

How can I connect two Olide-120B motors to operate simultaneously on a double door using a single activator?

To connect two Olide-120B motors for simultaneous operation on double doors (master/slave configuration), you generally need to synchronize the two control units so that a single activator (like a hand induction switch or remote)...

[Read full answer](#)