

# HOLUX **IBERIA**



**PEGASO**

**Manual**

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## Content

Warnings	2
Components of Operator	3
Installation Process	4
Technical Details	5
Connection of Remote Control	6
Comissioning of Operation	6
Wiring Diagram	7
Troubleshooting	8

## Warnings

- Installation of automatic door should be entrusted to the appointed distributor or professional installation personnel, or it may be dangerous.
- Installation must be performed by professional installation personnel according to local law.
- This manual must be kept well for maintenance.

### Safety Precautions

The contents and categories a user must abide by are presented and described by the following graphic expressions.



Warning:

Misoperation may cause injury even death to the operator.

⊗ This stands for the contents prohibited.

### Warning

- ❶ Installation and adjustment must be carried out according to the Installation Manual. Carelessness in installation and adjustment will lead to such accidents as fire, electric shocks or fall off.
- ❶ During the installation never allow the pedestrians to pass through the automatic door or approach the work site. Because any tools or parts falling off during the installation will cause injury to the pedestrians.
- ⊗ Never remodel the parts, otherwise fire, electric shocks or fall will occur.
- ⊗ Never use the power beyond the stipulated voltage or frequency, otherwise fire or electric shocks will occur.
- ❶ The sensor should be set and adjusted to make sure that the opening area of the door will fully fall into the range of sensor detection without any blind area. If the detecting range is too small or having blind area, the pedestrians will be collided or squeezed by the door, causing injury.

### Caution

- ⊘ Never use the door in a place subject to dampness, vibration or corrosive gas, otherwise it will cause such accidents as fire, electric shocks or fall.
- ⊘ Never cut off power when the door is in operation, otherwise it will cause injury of the pedestrians.
- Please use sticker on door leaves. If not, it will cause injury to the passer-by who has lost sight of the door leaf.
- ⊘ Never install an electric device with a capacity of >DC24V 300mA to the controller, otherwise it will cause fire.

### Other precautions

Never use a door leaf that exceeds the specified weight, otherwise it will cause failure.

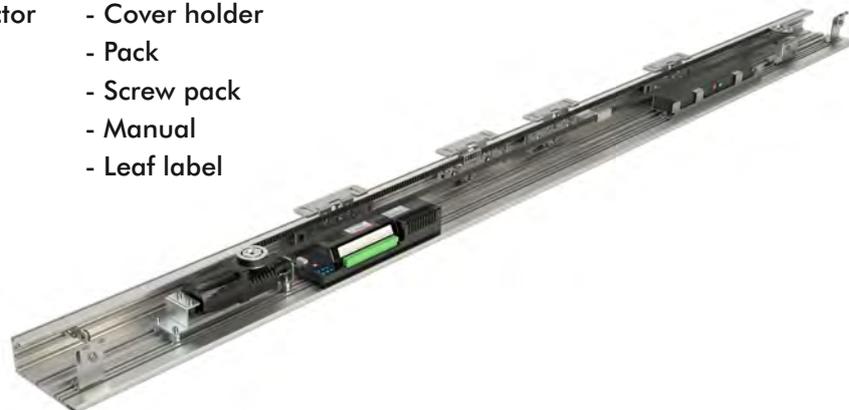
Using our brand electronic lock, and special installing brackets. If not using our lock, please make sure the quality of lock, or the bad electronic lock will damage.

### Components of Operator

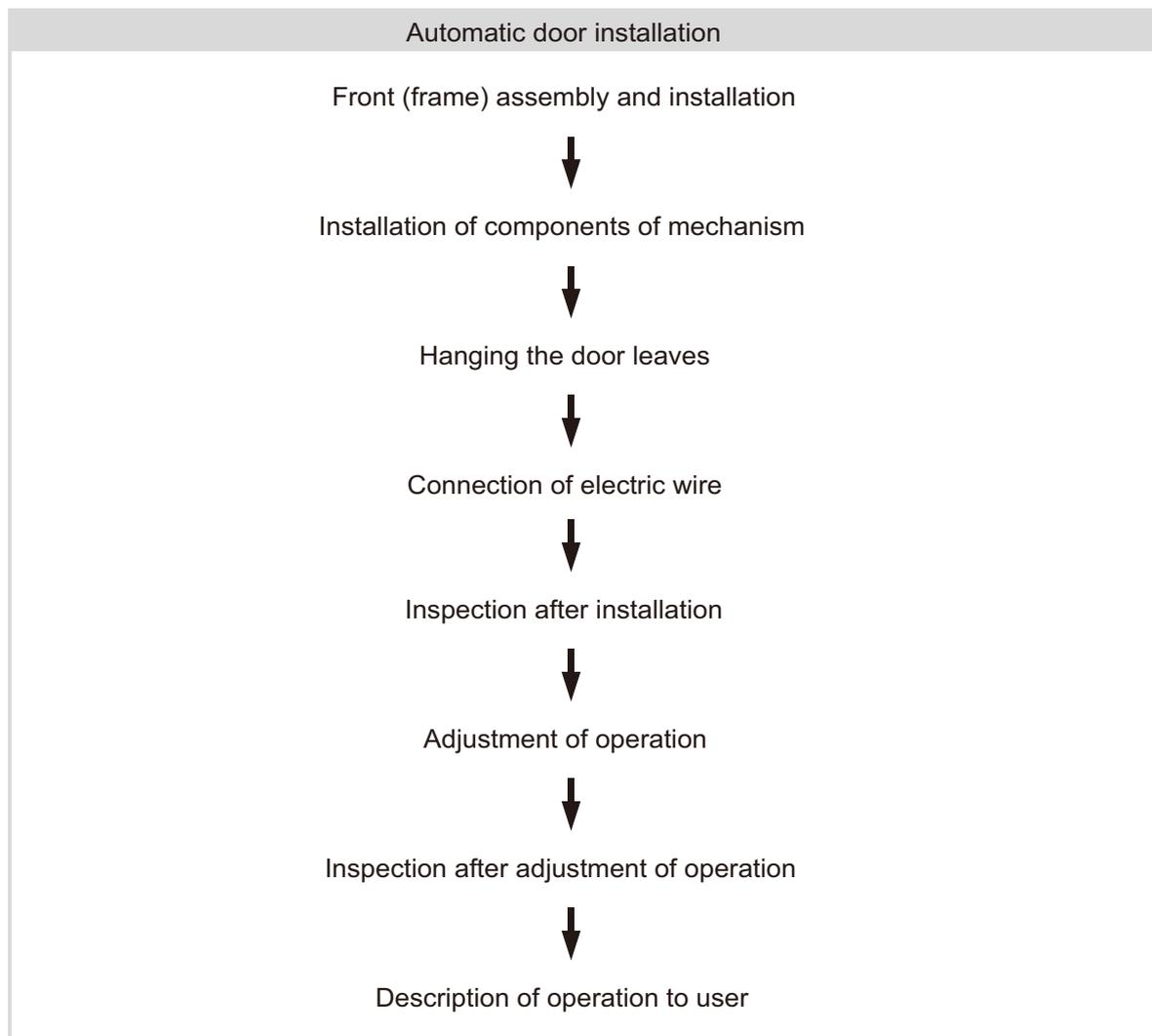
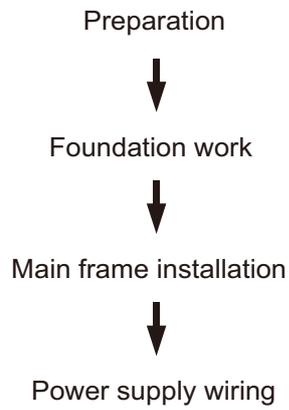
Name of components

#### Components of System Model:

- |                  |                   |
|------------------|-------------------|
| - Idler Pulley   | - Cabel pack      |
| - Belt           | - Side cover pack |
| - Belt Connector | - Cover holder    |
| - Controller     | - Pack            |
| - Motor          | - Screw pack      |
| - Hanger         | - Manual          |
| - Stopper        | - Leaf label      |



Installation process



## Technical Details

### Specifications

### Pegaso

	Single-opening	Double-opening
Door leaf mode	Single-opening	Double-opening
Door leaf weight	Max 160kg	Max 2x150kg
Door leaf width	DW=700-2500mm	DW=600-1800mm
Voltage	AC $\leq$ 16.5 $\pm$ 5%V DC $\leq$ 24.5V	
Opening speed	15-50cm/s (Adjustable)	30-100cm/s (Adjustable)
Closing speed	15-50cm/s (Adjustable)	30-100cm/s (Adjustable)
Opening time	0-20second (Adjustable)	
Manual open force	<40N	<50N
Motor	24V,55W brushless DC motor	
Operating temperature	-20°C ~ +70°C	-20°C ~ +70°C

### Frame types

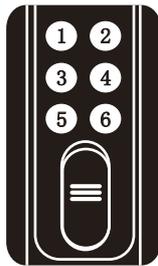
THB	✓
TBS	✓
UTS	✓
Saturn	✓
Frameless	✓

## Connection of remote control

Built-in remote receiver



A: Open B: Automatic C: Exit only D: Lock



1. Automatic 2. Lock 3. Open  
4. Exit only 5. Half open 6. Open and close one time

Standard type

Add remote: Keep pressing Button A, setting successfully.

Delete remote control: keeping press button A, The indicator D from Off to on, then to off, press any button on remote, All remote control will delete after the indicator flash 3 times (attention please keep pressing learning button while delete remote control).

## Comissioning of operation

1. Power on, the operator start to self-learning. The door will open and close to find the opening and closing position.

# Wiring Diagram

**Push button:**

- K1: Remote learning button , keep pressing 3 seconds to added remote.
- K2: Test:Press then open and close one time.

**DIP Switch:**

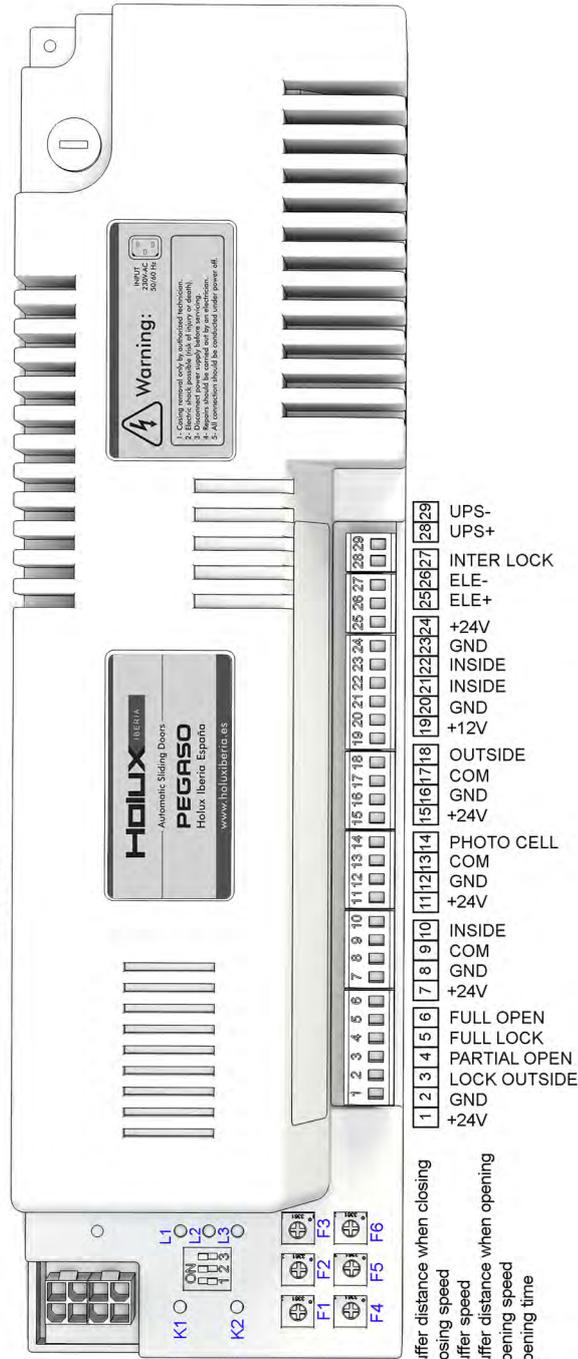
- 1: L-R Switch:Down-Left , Up-Right
- 2: Lock Switch:Down-Lock by signal ; Up-Lock automatically everytime
- 3: Down-toggle operating Up-normal operating

**LED light:**

- L1: Working status indicator
- L2: Remote setting indicator
- L3: Power indicator

**Remark**

Toggle operation mean active opening and active closing  
normal operation mean active opening and automatic closing



**Knob switch:**

- F1: Adjustment of close buffer distance. Turning counterclockwise will reduce close buffer distance while clockwise will increase distance.
- F2: Adjustment of closing speed. Turning counterclockwise will reduce close speed while clockwise will increase speed.
- F3: Adjustment of buffer speed. Turning counterclockwise will reduce buffer speed while clockwise will increase speed.
- F4: Adjustment of open buffer distance. Turning counterclockwise will reduce open buffer distance while clockwise will increase distance.
- F5: Adjustment of opening speed. Turning counterclockwise will reduce open speed while clockwise will increase speed.
- F6: Adjustment of opening time. Turning counterclockwise will reduce open time while clockwise will increase time.

## Troubleshooting

Symptoms	Causes	Troubleshooting	Remedy
Door leaves open or close un-smoothly	Opening or closing speed is set too slow	Check the data of opening and closing speed.	Adjust the opening or closing speed.
	Too much resistance when no power.	Any damager or loosen at hangers, floor guide or anti-drop device.	Fix the parts strongly. Fix the guide at the right position. Fix the anti-drop device.
		Any obstacle on the track.	Clean the track.
Door leaves hit each other when closing	Stopper is fixed not strongly.	Check the stopper.	Adjust the stopper's position and fix it.
	Closing speed is too fast and the buffer distance when closing is too small.	Check the closing speed and buffer distance when closing on controller.	Turn down the closing speed, and turn up the buffer distance when closing.
Door not working	No power input.	Check the outside input power.	Connection the power.
		Check the fuse of power switch.	Change a new fuse.
	Door is locked.	Check the lock is working or not.	Un-lock the door.
	Connection between motor and controller is not good.	Check the connection is good or not.	Connect them strongly.
	Inter-lock is working.	Check it works as inter-lock or not.	Waiting another door close.
Door does not close	Sensor is working.	Check the sensor is broken or not.	Use a new sensor.
		Check any stuff at the detecting area.	Clean the detecting area.
		Check the sensor is fixed stably.	Fix the sensor well.

Symptoms	Causes	Troubleshooting	Remedy
Door does not close	Remote control is working	Check	Press automatic button on remote
	Microwave is working	Any object at the detect area	Remove the object
		Check the detect area without object to cause mistake working	Change the microwave sensor
	Photocell is working	Check the surface of receiver and emitter is clean or not	Clean the surface
		Check the receiver and emitter are at same level or not	Adjust position of receiver and emitter to the same level
		If use built-in photocell□check the selection of single beam or double beam and the distance of detect is correct	Adjust the DIP switch
Other signal wire is wrong connection	Remove other accessories from controller and check the door leaf if is closed	Exchange the signal wire	
Door open by itself	Sensor mistake working	If there is a moving object in detect area	Remove the moving object
		Any strong microwave near the door system	Remove the machine with strong microwave
		Any fluorescent light near the detect area	Remove the fluorescent light
	Not well setting	Remove the obstacle	Setting again
	There is an obstacle on the track	Check	Remove

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