

# iDoor

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All Australian Automatic Doors

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## Operating Manual

for your  
**iDoor** Automatic  
sliding door operator



## INTRODUCTION

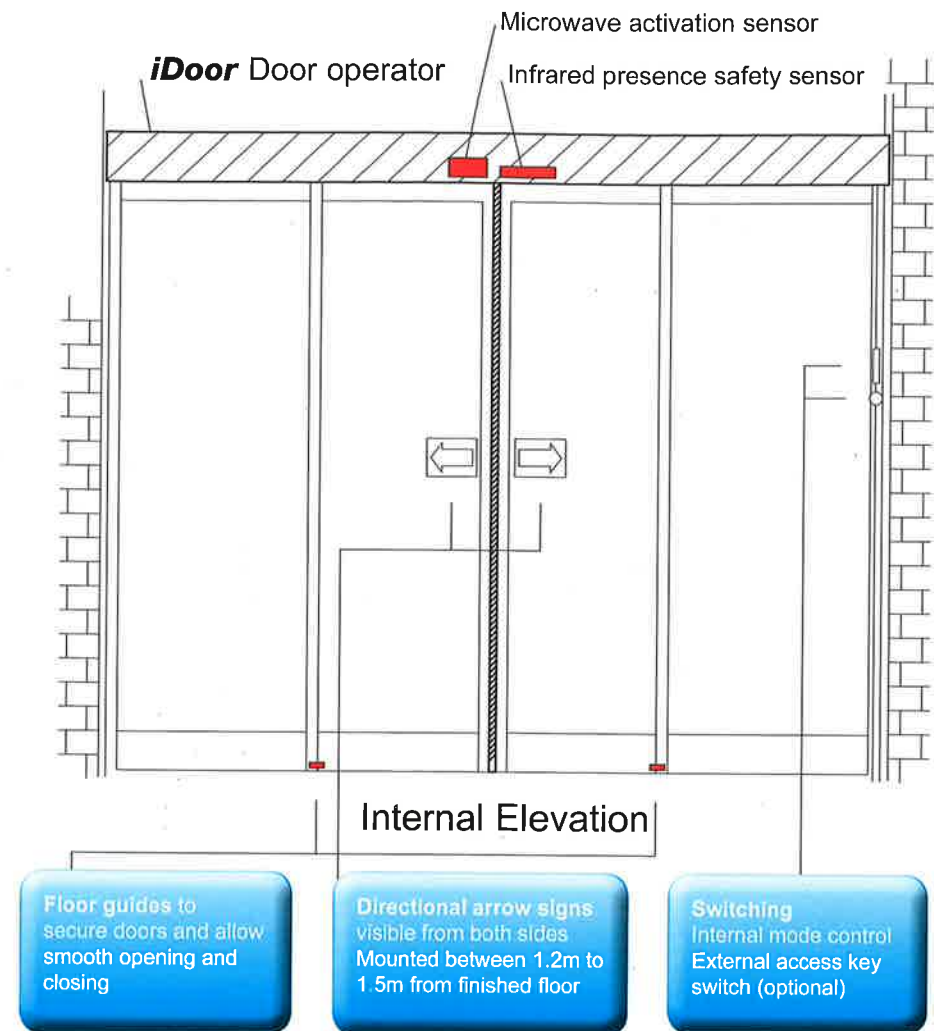
This manual is designed to assist in the operation and maintenance of your **iDoor** series sliding automatic door.

The **iDoor** has been designed, manufactured and tested to comply with AS 5007 - 2007, the NATA testing of the equipment included a 1 million cycle endurance test on doors totaling 300 kg in weight.

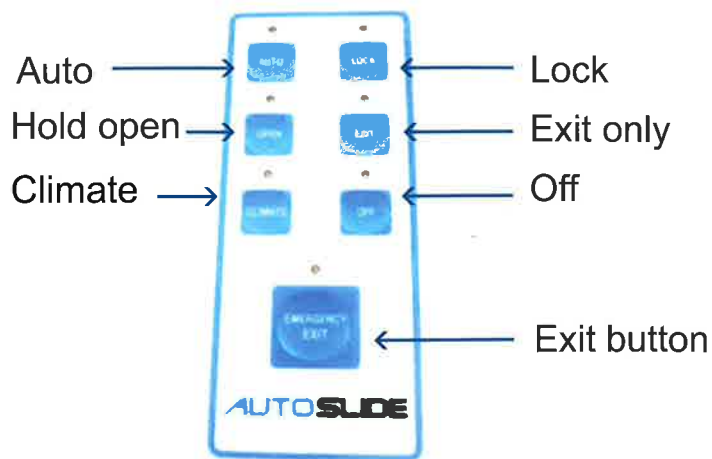
Through 20 years of product development you can be confident that the **iDoor** operator that you have installed will give many years of reliable service provided the equipment is regularly maintained.

If you have any questions or queries in following this manual or standards please email us at: [info@idoor.net.au](mailto:info@idoor.net.au)

Or visit us at: <http://www.idoor.net.au>  
And follow the link for support.



## Mode selector pad



To change modes press and hold Off button for 2 seconds, the LED will flash once indicating that the pad is unlocked. Select desired mode. After a short period the LED will again flash indicating that the pad is again locked.

### Auto (For normal business hours)

In this mode the doors will open and close automatically subject to the sensors activating upon the approach of pedestrians.

### Lock

This mode will bring the doors to the closed condition deactivating the sensors allowing the doors to be manually locked, if a electric locking system is fitted the doors will dead lock awaiting activation by the exit push button and a access control system (supplied by others)

### Hold open

The doors will open and stay open allowing access for furniture removal or cleaning of glass, if the door shows any form of malfunction this mode should be selected to ensure pedestrian safety until repaired.

### Exit only

The external sensor is disabled allowing only operation from the interior, this mode is used to control traffic restricting access.

### Climate

The selection of this mode restricts the doors opening to half its normal position, this preset feature aids the loss of A/C or lowers wind penetration, the restricted position is adjustable by a technician.

### Off

In this mode the motor control of the doors is set to neutral allowing manual operation of the doors.

## FAILSAFE SYSTEM - (Loss of 240 V Mains Power)

In the event of a power failure, the door will automatically open if in AUTO mode using the **iDoor** failsafe. This will allow people to leave the building in case of emergency in compliance with fire codes.

If a **iDoor** high security electric lock system is fitted and the EXIT or LOCK mode is selected the unit will remain closed and locked for up to 72 hours until the 'emergency exit' button is pressed. If the outside key switch is used this will unlock the door and it will open via battery back up. The door operator will automatically reset once power has been restored.

## BATTERY MONITORING

The **iDoor** door operator has a built-in battery back up monitored by the microprocessor controller. In case of power failure the operator can operate on this monitored battery system. This is standard feature of iDoor system not an extra.

## PRESENCE SENSOR SAFETY DEVICE

The automatic door operator has a infrared sensor fitted to the inside cover pelmet beaming a field into the doorway. The sensor is designed to prevent the door from closing on a person or object that is stationary in the doorway. The safety sensor works in all modes. NOTE: activating the safety sensor whilst the doors are locked will not open the door.

## FIRE ALARM

The automatic door operator can easily be interfaced with a signal from the fire indicator board, but it is important that the fire contractor uses a voltage free set of contacts to connect to the **iDoor** control board (normally using a relay). Upon receiving a signal from the fire alarm system the door will either automatically open or close dependent on fire authority requirement.

## MALFUNCTION

The door operators processor continually analysis information being fed to it and if it determines that the door is not operating to its preset parameters i.e. if the door is stalled or jammed the system will shut down the motor to avoid any major damage to the equipment and maintain pedestrian safety.

### Note

To reset the door operator after such a event the mains power to the operator has to be turned off and then reinstalled. The operator will then do a slow mode reset before returning to normal operation

### Trouble Shooting

TROUBLE	REMEDY
Door will not close or open	Check power supply / turn power off-on Check mode switch in correct mode Check sensors inside an outside are not being obstructed Check for obstructions to the door ie stones or mats
Door will only open from inside	Check mode switch in correct mode
Door opens / closes by itself	Check sensors inside an outside are not being obstructed

Under no circumstances should anyone other than an authorized **iDoor** AUTOMATIC DOOR service agent open the cover to adjust the automatic door operator.

**iDoor** recommends that your automatic door operators be regularly maintained by an authorized service agent to ensure safety and long service life of operation. Please contact your local **iDoor** Service agent to inquire about a maintenance program that best suits your needs.

Following the completion of each maintenance service call **iDoor** recommend that a written checklist be completed by your technician which will be added to the log book history to be held on each door serviced, this method of record keeping complies with the requirements of the Government legislation and can be utilized by to issue a annual certificate of compliance confirming work has been carried out

#### WARRANTY

**iDoor** provides a 2 year replacement part warranty on all parts except for normal wear and tear on track wheels and floor guides.

This warranty does not however cover maintenance; it is the owner 's responsibility to maintain the equipment through out this period.

### **iDoor** TRIENNIAL SCHEDULED SERVICE MAINTENANCE PROGRAM

Service Function	Mth	Mth	Mth	Mth	Mth	Mth	Comments
Clean a polish track	YES	YES	YES	YES	YES	YES	
Clean hanger wheels	YES	YES	YES	YES	YES	YES	
Replace hanger wheels							If required
Adjust main toothed drive belt	YES	YES	YES	YES	YES	YES	If required
Adjust Door speeds	YES		YES		YES		If required
Adjust hold open time	YES		YES		YES		If required
Test all modes of operation	YES	YES	YES	YES	YES	YES	
Test detectors and fields	YES	YES	YES	YES	YES	YES	
Test locking function	YES		YES		YES		
Inspect all wiring connections	YES		YES		YES		
Inspect all fixings/tightness	YES		YES		YES		
Test Fail Safe system	YES	YES	YES	YES	YES	YES	
Test safety recycle system	YES	YES	YES	YES	YES	YES	
Replace failsafe battery						YES	
Inspect floor guide(s)	YES	YES	YES	YES	YES	YES	