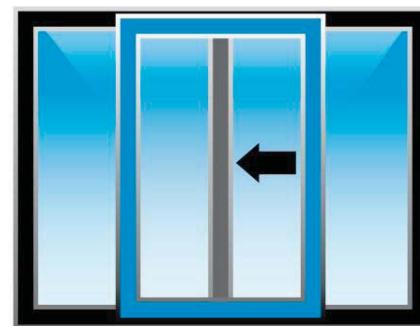


## Instructions



**AUTOSLIDE**

**WARNING:** The user of AUTOSLIDE devices must be disconnected from the source of supply before attempting the installation of the accessory

" PEDESTRIAN DOOR FOR RESIDENTIAL USE "

The switch is to be install in a location from which operation of the door can be observed by the person operating the switch

The glazing material employed is to comply with the requirement in UL30.5.1. The glazing material in both fixed and sliding panels of all sliding doors and in all unframed swinging doors shall comply with the requirements in the Performance Specifications and Methods of Test for Safety Glazing Material Used in Buildings, referenced in Annex A. Ref. No 27. Glazing material for other pedestrian doors shall also comply with the same standard, except that single strength or heavier glass may be used for those portions of doors involving a glazed area of less than 0.9m<sup>2</sup> (1 ft<sup>2</sup>) and having no dimension greater than 457mm (18 in).

The pedestrian door operator that is intended for connection to the source of supply by a flexible is to be cautious/warn, against risks of associated with allowing the cord to become entrapped in moving parts of the operator, door, or system

Maximum size of door ; Single leaf , 1m width x 2.3m height

Weight : Only singe slide : BELOW 50kg mobile leaf,

The weight is the most concern, if the door is make of light material, door can be made bigger than 1m. As long as the total weight for mobile panel ( total mobile panels weight) does not exceed 50 kg.

The installer shall fix a 3 pin wall socket nearest to the left side of the operator, where the 2 pin AC power supply will be then plug into this socket. Any access wire has to be well tied/ or dressed, preventing tangling wire . Note the cord should not be :-

1. Routed through doorways, window openings, walls , ceilings, floors or the like;
2. Attached or otherwise secured to the building structure ; or
3. Concealed behind walls and the like.

Detachable Power Supply Cord Marking- **WARNING : USE ONLY ADAPTOR PROVIDED FOR USE WITH OPERATOR, OTHER ADAPTOR MAY RESULT IN RISK OF FIRE. SEE INSTALLATION INSTRUCTIONS FOR DETAIL** or equivalent.

Manufacturer's Name	AUTOSLIDE PTY LTD
Trademark	AUTOSLIDE
Catalogue number	AS5
Voltage	100VAC-240VAC, OUTPUT: 24VDC , 2.0A
Frequency	50Hz, 60 Hz
Adaptor maximum input current	2.0A

### Autoslide Instructions

Congratulations on your purchase of the Autoslide automatic patio door opening system. Please read these instructions before commencing the installation. Please follow the installation instructions carefully.

#### Introduction

This manual is designed for the installation and commissioning of  
Autoslide Door Operator Model AS5

If you have any questions or queries in following this manual please  
email us at:

[support@autoslide.com.au](mailto:support@autoslide.com.au)

Or visit us at:

<http://www.autoslide.com>

Toll Free: 1800 600 602 (Australia Only)

833-337-5433 (North America)

### **Autoslide Warranty**

The Autoslide is produced by Autoslide Pty Limited and is subject to the following warranty and conditions of operation apply. The product is warranted against failure due to faulty material or workmanship for a period of 12 months from date of purchase. Such warranty will cover repair or replacement of any defective parts at Autoslide premises and subjected to the following conditions:

#### **Provided that:**

- The Autoslide is fitted to a patio type sliding door strictly following the supplied instructions
- The sliding door is free sliding within the limits of the trial load sliding door puller supplied
- The Autoslide is for domestic use only
- The warranty is limited to an amount totaling no more than the unit cost price
- Warranty Return shall be made via the retailer at the point of purchase and receipt of sale provided

**This warranty shall be null and void and to no affect if:**

- The Autoslide is abused or in any way used outside the limits of the specification and design,
- The electric wiring has been interfered with and is not wired in accordance with the original factory settings.
- If defects are caused by fair wear and tear,
- If the purchaser in any respects alters the Autoslide, adds or removes and parts or materials from the unit.
- Fails to notify Autoslide immediately if there is a failure of any component.
- Delivery of all items to and from Autoslide will be at the purchasers expense.
- The purchaser will be responsible for inspecting the Autoslide package to ensure that the package is complete and not damaged, and all parts are present.
- The buyer shall immediately notify Autoslide Pty Limited in writing for any defect in the goods.
- Autoslide will only be accepted for warranty if the Autoslide is received free from damage or in any way imperfect.
- The purchaser expressly acknowledges and agrees that Autoslide Pty Limited is not liable for any advice given by its agents in relation to the suitability of the product or its application to certain doors and such advice is relied upon at the purchasers risk,
- The buyer shall not carry out any remedial work to the alleged defective goods without first obtaining the written consent and instruction from Autoslide.
- The warranty on the battery is (whatever the original manufacturer gives in warranty).

## **Table of Contents**

### **Contents**

Autoslide Instructions .....	2
Introduction.....	2
Warranty .....	3
Table of contents .....	5
Parts Supplied .....	6
Tools Required.....	9
Mounting Options .....	10
Friction Test .....	11
Patio/Screen Door Install.....	12
Rack Install.....	15
Push Button Install.....	23
Program settings adjustments .....	25
Installing Cover.....	31
Cavity/Pocket Door Install .....	32
Re-Hand Autoslide.....	39
Trouble Shooting .....	54

Parts Supplied

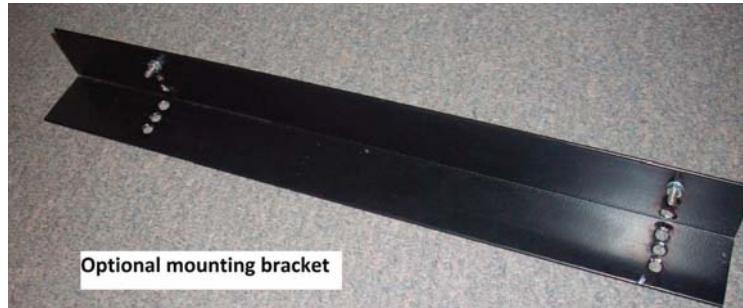


Autoslide Unit



Autoslide Cover

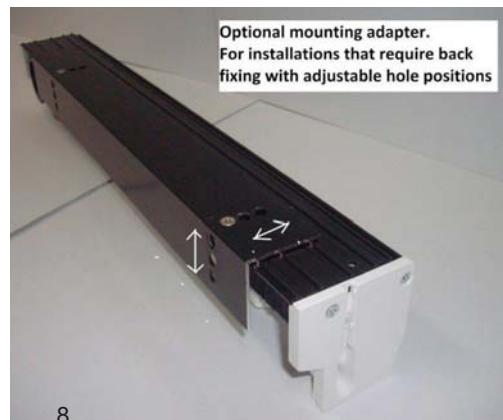




Optional mounting bracket



Optional mounting adapter  
with adjustable hole  
positions



Optional mounting adapter.  
For installations that require back  
fixing with adjustable hole positions

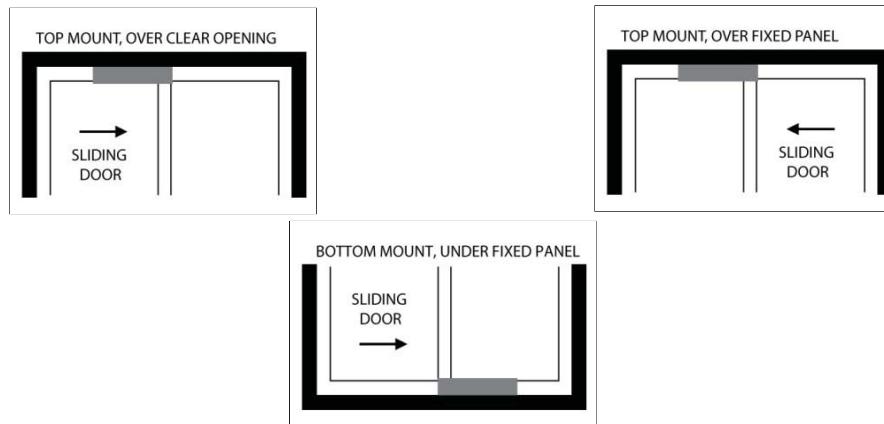
**Tools Required**

No. 2 flat head screw driver  
Phillips head screw driver  
Marking pencil  
Tape measure  
Small flat blade screw driver  
Hack saw  
Stanley knife®/utility knife  
Drill/Driver  
1/8" (3.0mm) drill bit  
1/2" (12.0mm) drill bit

### **Mounting Options**

There are three mounting options available for the AutoSlide drive unit:

- Top mount over clear opening – Preferred mounting option when the sliding door panel opens to the right when viewed from inside and an overhead installation is desired.
- Top mount, over fixed panel – Preferred mounting option when the sliding door panel opens to the left when viewed from inside and an overhead installation is desired.
- Bottom mount, underneath fixed panel – Preferred mounting option when the sliding door panel opens to the right when viewed from inside and a ground level installation is desired (i.e. fly screen door).  
If none of these mounting options suit your installation then it may be necessary to re-hand the AutoSlide drive unit. Please see the section "**Re-Handing Your AutoSlide Drive Unit**" later in this booklet.



## **Step One: Friction Test**

The sliding door must be in proper working order and the door should run free. Use the supplied Friction Tester to determine whether the door is in suitable working condition.

1. Loop the Friction Tester through the sliding door handle and engage the Velcro®.
2. With the sliding door in the closed position, pull the Friction Tester handle at the same speed as you would normally open the door.
3. Pull the door back to the closed position using the Friction Tester handle.
4. Repeat steps 2 and 3 one or two more times.



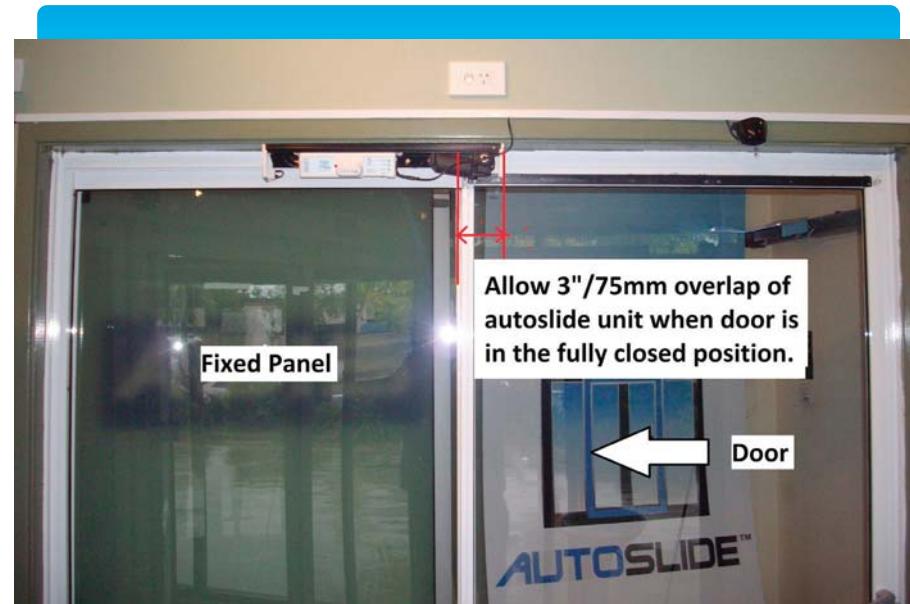
---

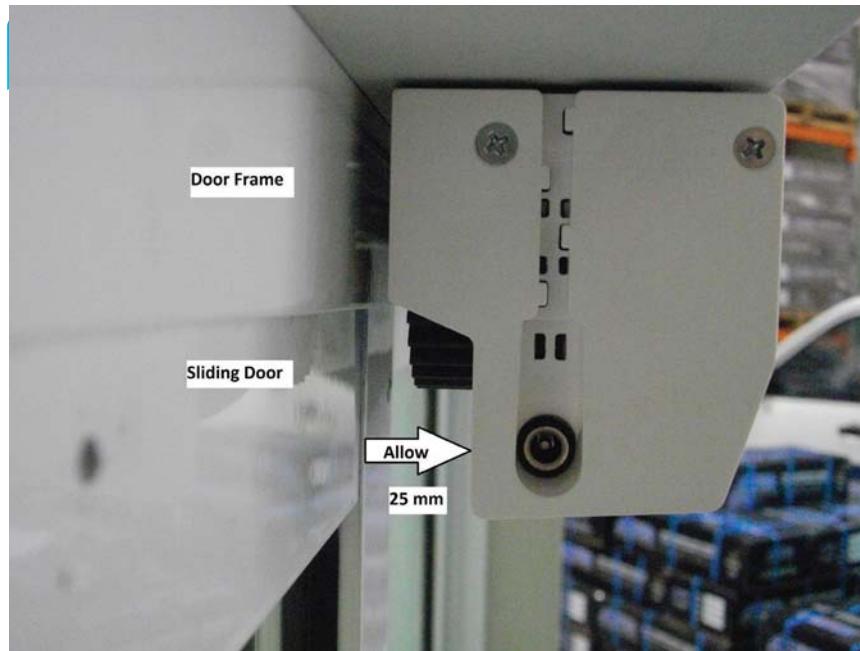
If the Velcro does not break during the test, the Autoslide unit is ready to be installed. If the Velcro does break however, the door will require additional maintenance to reduce door friction; inspect and remove any foreign obstructions, lubricate and clean the floor track and wheels or replace the track wheels if necessary.

### **Important: Door Stoppers**

Make sure the existing door stoppers are in the correct position to stop the door when sliding to the open position. The Autoslide will only open the door to a maximum width of 900mm.

# **Patio/Screen** **Door Installation**





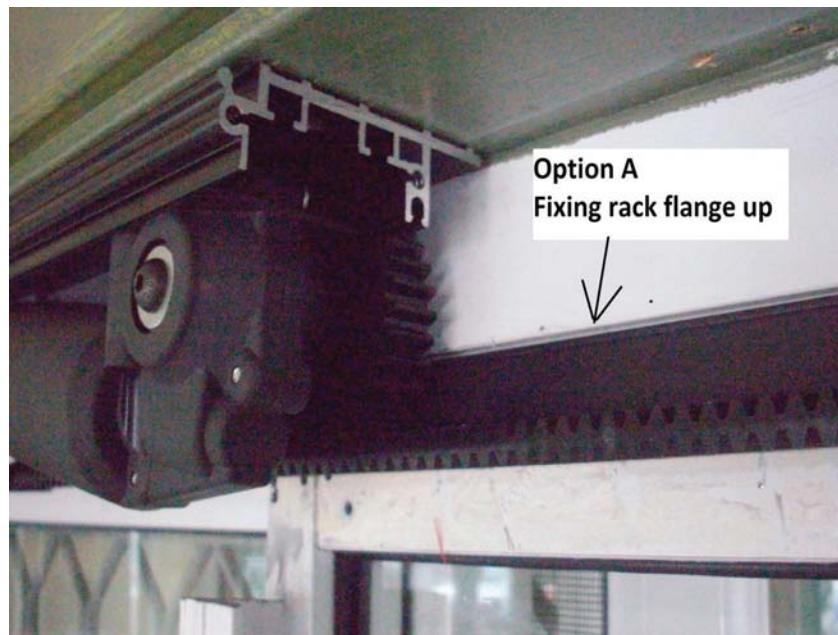


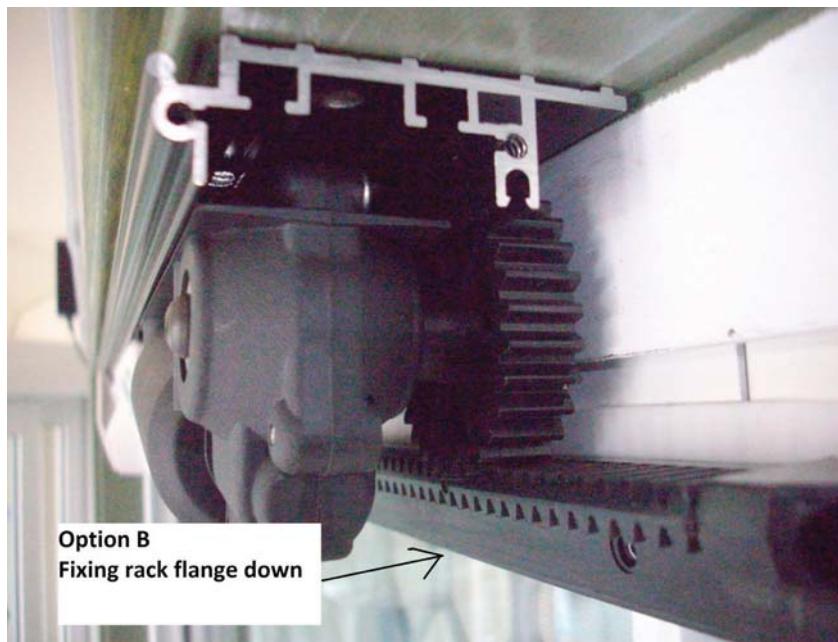
**Connect both  
racks together**

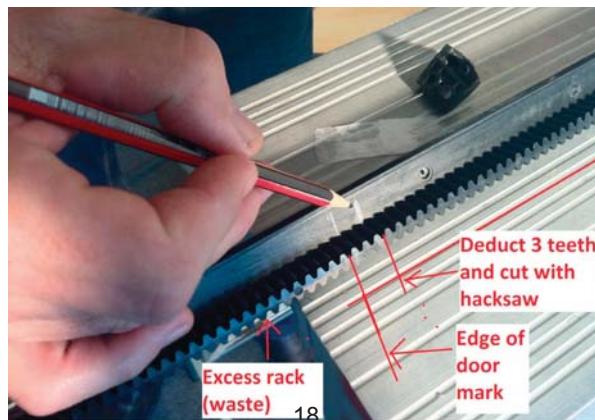


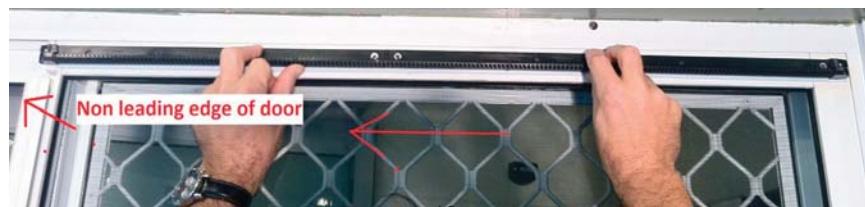
15

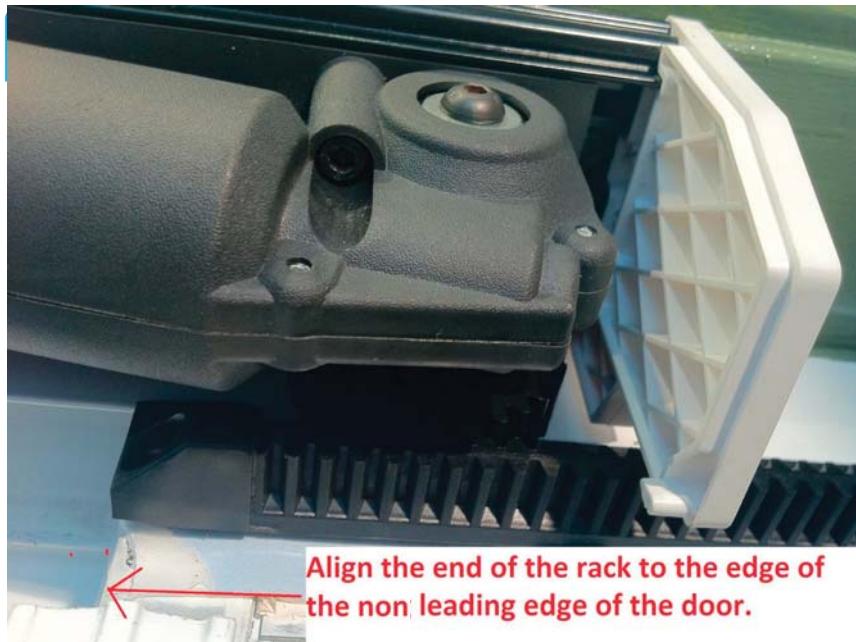




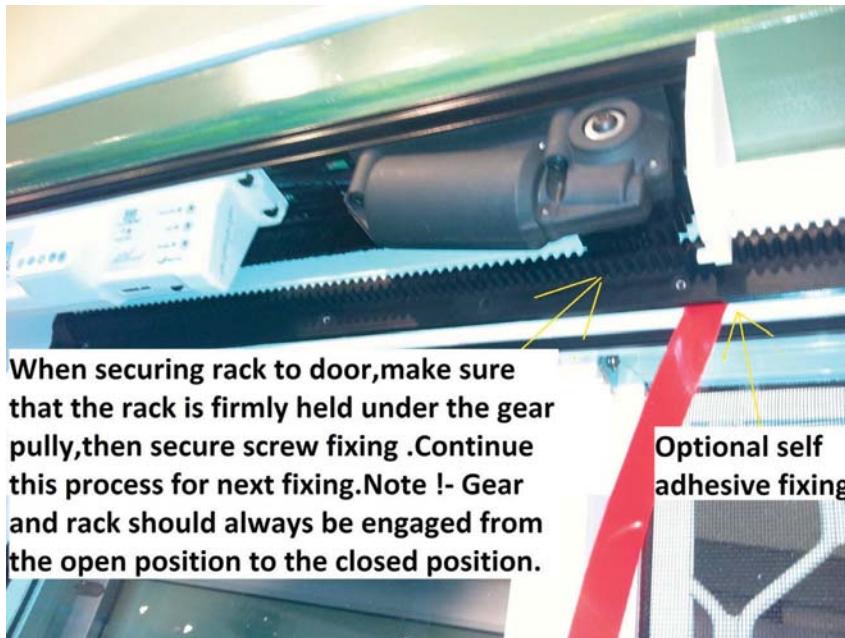






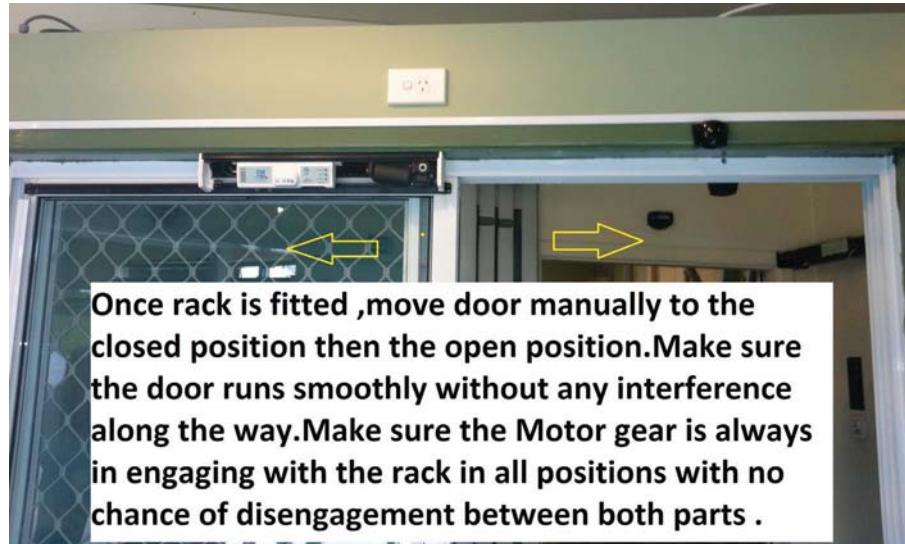


Align the end of the rack to the edge of the non leading edge of the door.

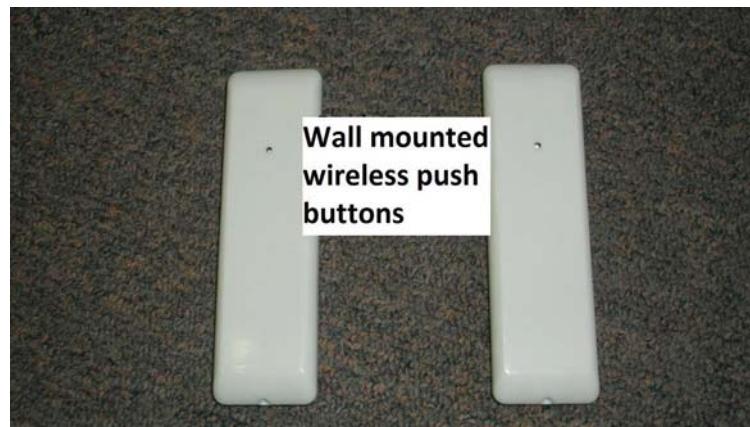


**When securing rack to door,make sure that the rack is firmly held under the gear pulley,then secure screw fixing .Continue this process for next fixing.Note !- Gear and rack should always be engaged from the open position to the closed position.**

**Optional self adhesive fixing**



## Installing Push Buttons



#### Step Four: Installing the Push Buttons

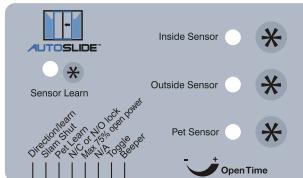
There are two wireless push buttons supplied with your AutoSlide, one for each side of the door.

1. Measure 3' (1m) up from the floor and make a mark on the door frame, inside and out. Ensure that the frames are clean, dry and free of dust and grease etc.
2. Peel the backing off of the double sided tape on the back of the push button.
3. Attach the push button onto the frame to cover the marks made in step 1.



## Step Five: Adjusting the Controls and Programming in the Sensors

1. Check the Controller settings:
  - a. Plug the power pack into the wall socket, run the cable and plug into the Autoslide unit .
  - b. The 'open time' control sets the time the door will stay open for when in the 'auto' or 'pet' mode – the dwell time.
  - c. Configure wireless control devices<sup>1</sup>:
    - i. Press the 'Remote learn' button, and release, the red light should illuminate once the button is released.
    - ii. Wave your hand in front of each of the sensors, and/or push the buttons on the remote control.
    - iii. The light will go out when the Autoslide has learnt each sensor.
    - iv. To clear all 'learnt' devices press and hold the learn button for 5 seconds, the red light should illuminate before the button is

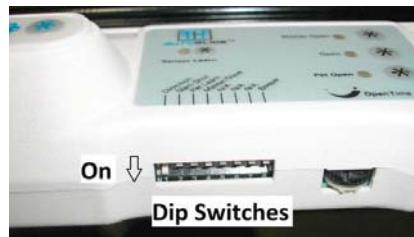


---

<sup>1</sup> Only active once the door is powered on and operational.

DIP Switch	ON (back)	OFF (forward)
1. Direction	ON – Left opening, OFF – Right opening. Toggle (back and forth) to erase memory and re-learn open/close cycle. Lights will blink and system will self-calibrate again	
2. Slam Shut	Helps overcome weather seals	Normal operation
3. Pet Learn	Toggle to start pet opening size learn cycle.	
4. External Lock	Switch ON if wiring external N/C fail-secure or N/O fail-safe lock	
5. Less Power	Max 75% open power	Normal operation
6. N/A	N/A	N/A
7. Toggle mode	Activate to open activate to close	Normal mode
8. Beeper	Beeper enabled	Beeper disabled

[1] Only active once the door is powered on and operational.



- a. Once the settings are confirmed the drive unit can be powered on. Switch the main isolator switch on the left side of the controller to the down (on) position. **Caution: the door will begin to move without warning!**
- b. After a short delay the LED display will begin to flash and the door will begin to slowly close. If the door starts to open when first powered up, turn dipswitch 1 to the opposite position (leave power on), the door will then change direction to the closing position.
- c. During self calibration process, once the door has fully closed, the door will then slowly slide to the open position, then close slowly back to the closed position with a small increase in speed. The door will then open in a fast speed once, then closed. Once the lights on the control panel stop blinking and turns on solid green, learn cycle is successful. The Autoslide has now memorised the width of the door opening, the weight and friction of your door while sliding. And now knows the individual power to operate your door smoothly and reliable. Your Autoslide is now ready to be used.

Note: If power is turned off, all your settings are still retained, depending on the position of the door when power resumes, the door will slowly close and ready for operation again. To re-learn your Autoslide for a new door width opening, toggle dipswitch 1 to the opposite position then back to the original position. The door will then re-learn.

1. Once the door is operating correctly the desired mode can be selected:
  - a. There are four modes available:
    - i. Automatic mode (green LED) - the door will open when a sensor is triggered and close after the preset dwell time has elapsed.
    - ii. Hold open mode (Blue LED) – the door will open and remain open until another mode is selected.
    - iii. Standby mode (Red LED) – the door can be manually operated, the AutoSlide will not drive the door.
    - iv. Pet mode (Yellow LED) – For use with AutoSlide pet sensors and when a pet opening width has been set (see below). Will open the door to the pet opening width when any AutoSlide pet sensor is triggered and close after the preset dwell time has elapsed.
  - b. The desired mode is selected by successive presses of the Mode button, to the right of the LED display. The modes will cycle in the order shown above (although the pet mode will be omitted if no pet opening width has been set). The selected mode will engage after a short delay.



2. Setting a pet opening width:

- a. Toggle DIP switch 3 (pet learn).
- b. The door will begin to slowly close. If the door is already closed there will be a short delay.
- c. After a short delay the door will begin to slowly open. When the door reaches the desired pet opening width stop the door preferably with your foot. **Be careful to not get anything caught in the opening door!**
- d. After a short delay the door will begin to slowly close. Once fully closed the AutoSlide will return to Automatic mode, indicated by a green LED on the display, and pet options will be available.
- e. Test the pet opening width by pressing the 'pet sensor' button. If the width is incorrect then return to step 'a'.

---

Congratulations, you should now have a fully functioning AutoSlide automatic door.

### **Step Six: Installing the Cover**

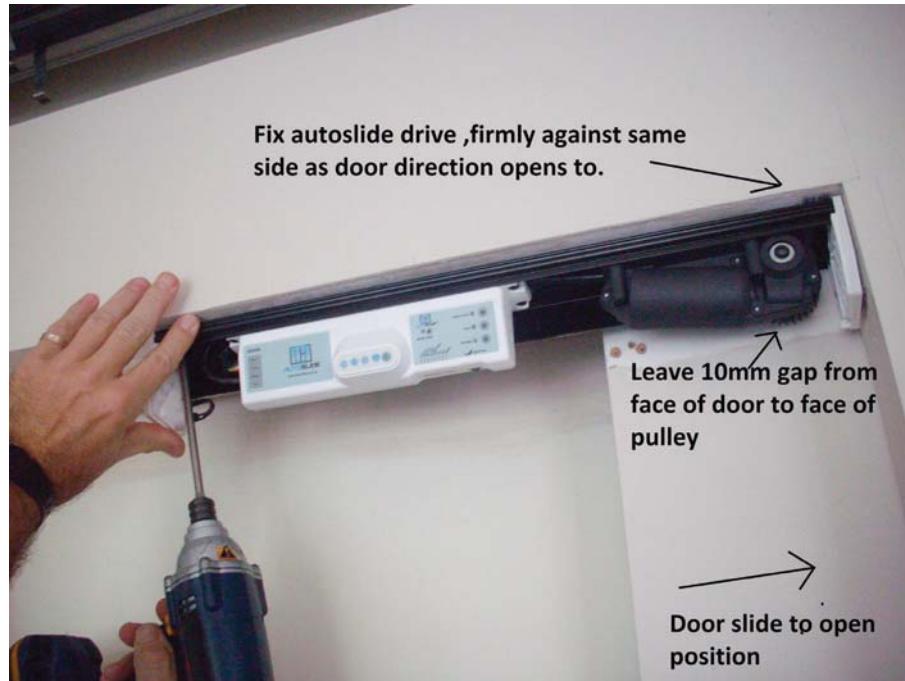
1. Lift the cover up from underneath the unit, ensuring that the mohair is clear of the control box and motor.
2. Click the tabs provided on the end caps into the groove in the cover. If these are stiff, a flat bladed screw driver may be used to open the groove slightly.
3. Push the front of the cover upward until it engages with the aluminium base fully.
4. When complete the cover should be flush with the end caps, and the LED display should align properly with the cover hole.

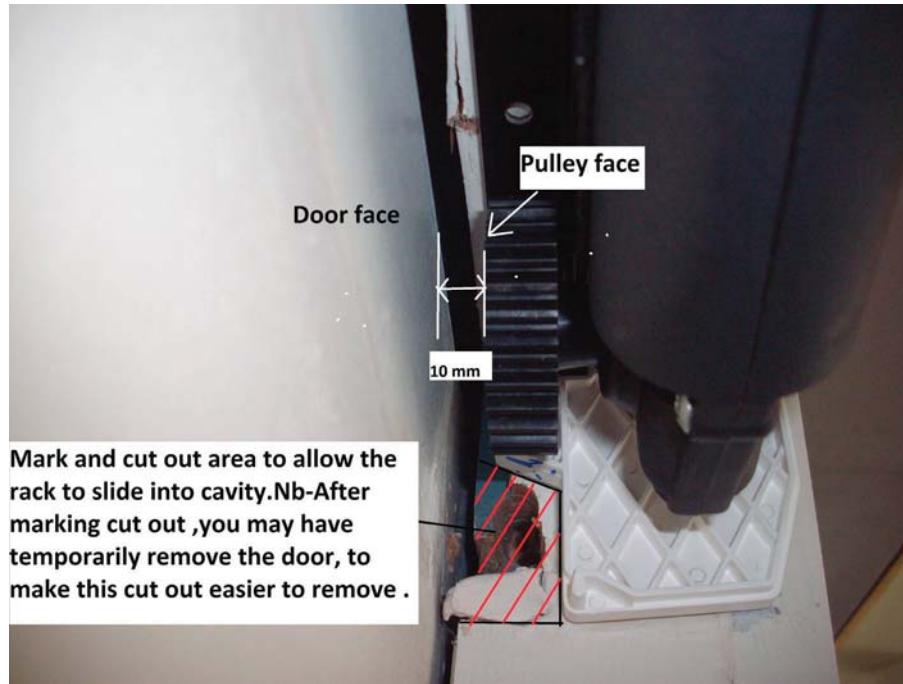


# Cavity/Pocket Door Installation

**Remove existing timber cover fascia, mark and cut new rack to door width oppening**









Connect power pack



**Cut and refit existing timber cover**



**Re-Handing  
Your Autoslide  
Drive Unit  
Instructions**



**Remove 2 x phillips  
screws from end  
cover**

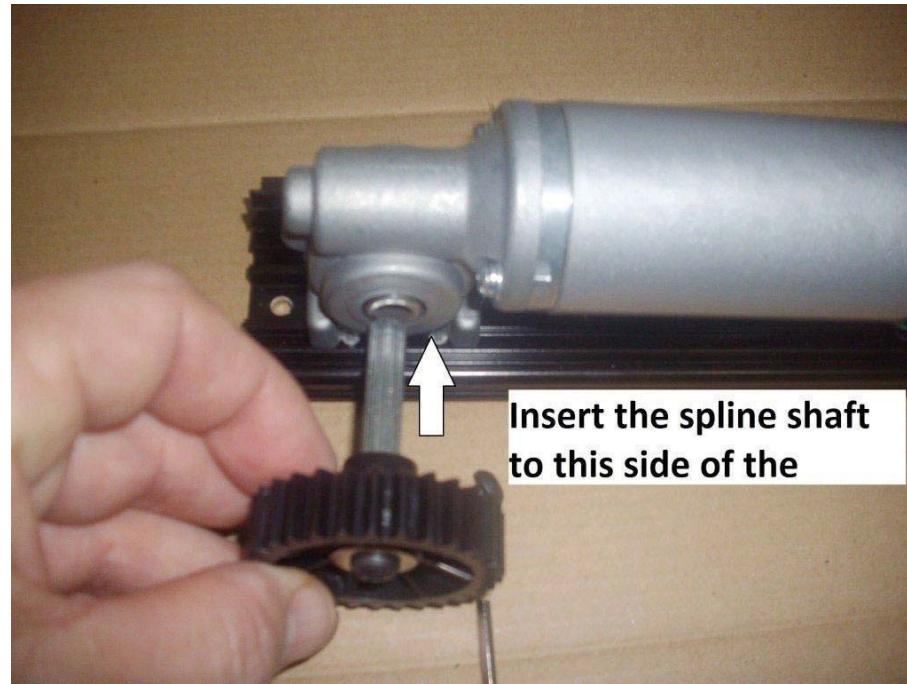




**Using the allen key provided in the autoslide kit,remove the allen key bolt from the motor as shown (Turn anti-clockwise to loosen bolt)**

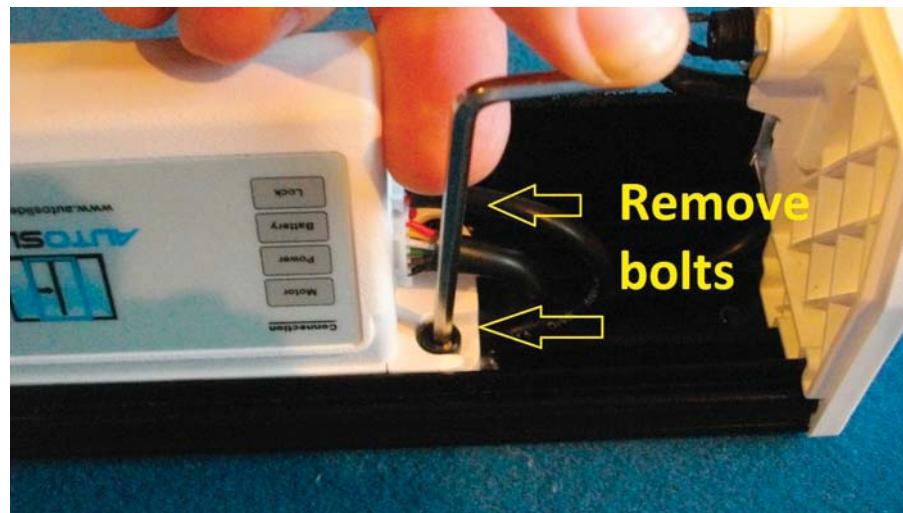


**Remove geared pinion**







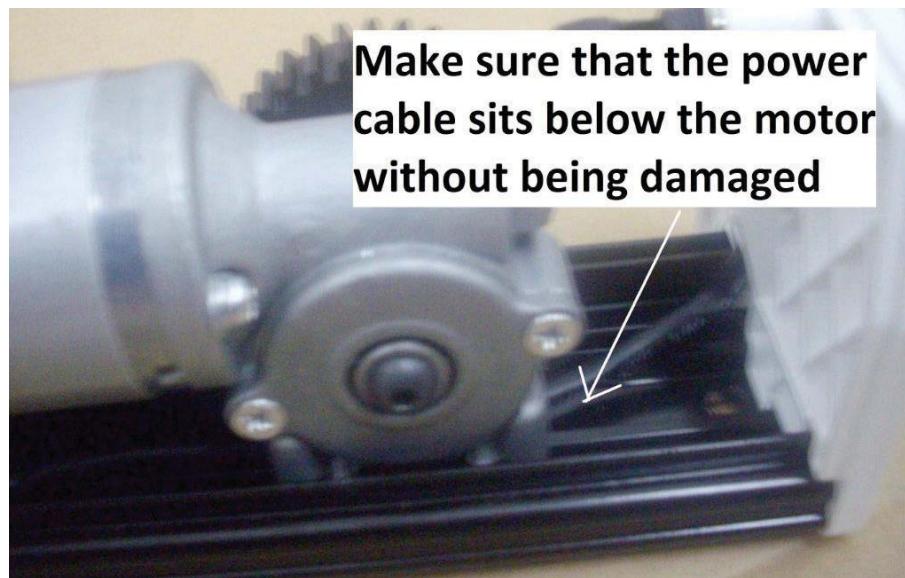


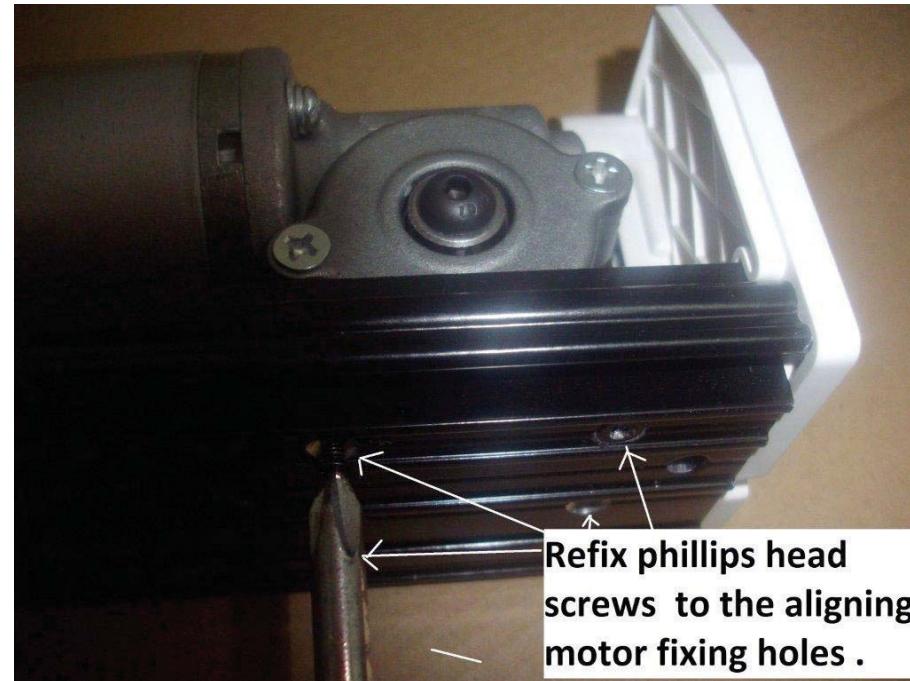


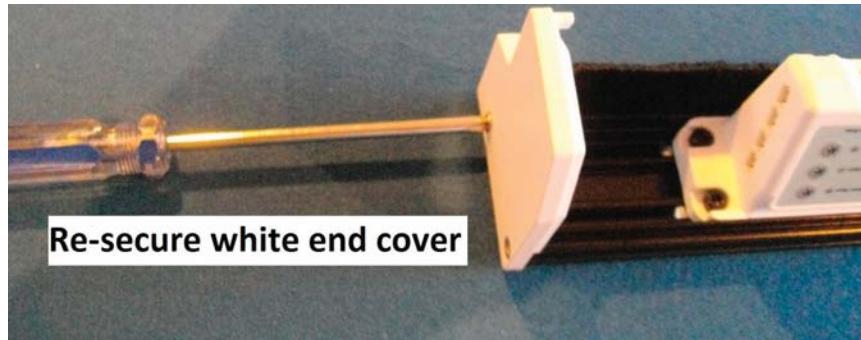


**Place power cable in extruded recessed area.**

Make sure that the power cable sits below the motor without being damaged





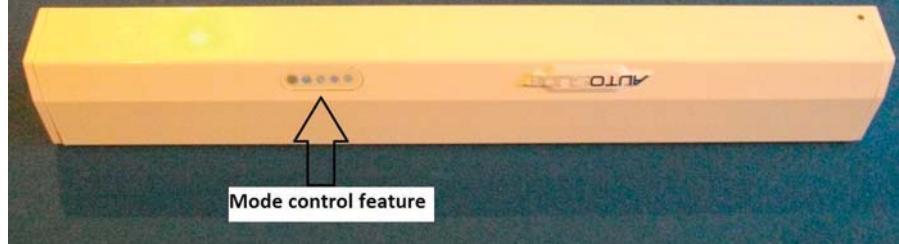


**Re-secure white end cover**



**The autoslide badge can be clipped out  
and positioned up or down in either cut  
out hole ,depending on your configuration**

Aligning the mode control feature to the cut in the autoslide cover may require some slight adjustments, left or right movement. Loosen the 4 x allen key bolts holding the control unit to the black extrusion and adjust control unit to fit evenly while autoslide cover is on. Once in correct position re-tighten allen key bolts and also check that the motor bolts are secured



## **Troubleshooting**

**SYMPTOM:** Door does not open fully after learn cycle.

**CAUSE:** Incomplete learn cycle.

**SOLUTION:** Remove the external cover (if already fitted). Turn the AutoSlide off at the controller switch. Close the door manually. Turn the AutoSlide back on at the controller switch. Test again after the learn cycle has completed. Refit external cover.

---

**SYMPTOM:** Door does not open fully and automatically reopens after every 'close' cycle.

**CAUSE:** Rack & pinion have skipped teeth.

**SOLUTION:** Check the engagement of the rack and pinion gears and adjust if necessary. Remove the external cover (if already fitted). Turn the AutoSlide off at the controller switch. Close the door manually. Turn the AutoSlide back on at the controller switch. Test again after the learn cycle has completed. Refit external cover.

**SYMPTOM:** Door opens/closes very slowly and/or struggles to move the door.

**CAUSE:** Door weight configuration is incorrect.

**SOLUTION:** Turn on DIP switch 5 or 6 to increase AutoSlide power output.

---

**SYMPTOM:** Door cannot overcome the starting friction.

**CAUSE 1:** Door lock/catch is engaged.

**SOLUTION 1:** AutoSlide will only operate when the door is unlocked. Release door lock and try again.

**CAUSE 2:** Heavy weather seals or excess friction in the door.

**SOLUTION 2:** Investigate excessive door friction and/or turn on DIP switch 2 to increase AutoSlide starting power.

---

**SYMPTOM:** Door stops during open/close cycle, and blue, red and yellow light illuminate.

**CAUSE:** Over current trip – due to excessive load on the drive unit.

**SOLUTION:** Investigate and clear sources of excessive friction.

**SYMPTOM:** Door labours and excessive noise is produced during operation.

**CAUSE:** Rack and pinion gear too tightly meshed.

**SOLUTION:** Double check that there is a slight gap between the rack teeth and pinion cog along the entire length of the rack. Adjust as required. Note: it may be easier to adjust the height of the door via wheel adjustment than to remove/refit the rack assembly.

---

**SYMPTOM:** Door opens at random.

**CAUSE 1:** Interference on the radio control frequency.

**SOLUTION 1:** Remove the external cover. Press and hold the 'learn' button on the controller for 5sec. until the red light illuminates, to clear all previously learned remotes. Press and release the 'learn' button on the controller and operate each of the door remote controls/button/sensor one at a time.

**CAUSE 2:** Active IR sensors are set to too high a sensitivity.

**SOLUTION 2:** Remove the sensor covers and reduce the sensitivity setting dial slightly, replace the covers and test. Re-adjust if necessary.

**SYMPTOM:** Door tries to open but does not.

**CAUSE:** Rack & pinion have skipped teeth.

**SOLUTION:** Check the engagement of the rack and pinion gears and adjust if necessary. Remove the external cover (if already fitted). Turn the AutoSlide off at the controller switch. Close the door manually. Turn the AutoSlide back on at the controller switch. Test again after the learn cycle has completed. Refit external cover.

If you have any questions ,Please contact technical back up at

**[support@autoslide.com.au](mailto:support@autoslide.com.au)**

**Copyright**

All content included on this manual (including, but not limited to, logos, images, photos, designs, graphics and text) is the property of AUTOSLIDE PTY LTD and as such is protected by AUSTRALIA and international copyright and other intellectual property laws.

Any unauthorised reproduction or copying of the products or images featured on this manual and belonging to AUTOSLIDE PTY LTD may result in legal action.

**Copyright©Dec 2010, AUTOSLIDE PTY LTD, All rights reserved**

## **FCC Warning**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.