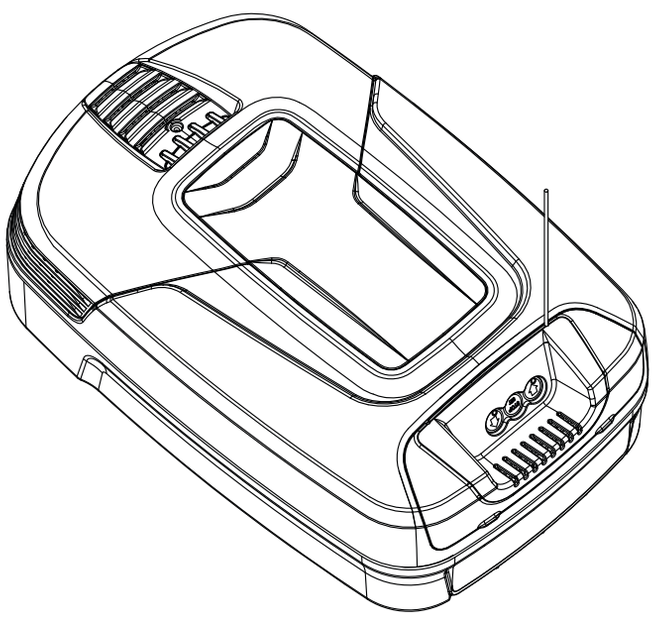
ATS Series

Sectional Door Opener

Instruction Manual



TEMPO ATS-2
SECTIONAL DOOR OPENER

automatic
TECHNOLOGY

Doc # 160091_02
Part # 86296
Released 03/06/19

SMART
SIMPLE
SECURE

Table of Contents

Installation Instructions

Home Owner Instructions

1. Installation Safety Warnings!

This automatic garage door opener is designed and tested to offer safe service provided it is installed and operated in strict accordance with the following safety warnings. Failure to comply with the following instructions may result in death, serious personal injury or property damage.

WARNING!

- The door may operate unexpectedly, therefore do not allow anything to stay in the path of the door.
- When operating the manual release while the door is open, the door may fall rapidly due to weak or broken springs, or due to being improperly balanced.
- The drive must not be used with a door incorporating a wicket door, unless the drive cannot be operated with the wicket door open.
- The drive is intended to be installed at least 2.5m above the floor.
- Do not disengage the opener to manual operation with children/persons or any objects including motor vehicles within the doorway.
- If the door is closing and is unable to re-open when obstructed, discontinue use. Do not use a door with faulty obstruction sensing
- When using auto close mode, a Photo Electric beam must be fitted correctly and tested for operation at regular intervals. Extreme caution is recommended when using auto close mode. All safety rules must be followed.

ELECTROCUTION!

- Place opener in protected area so that it does not get wet.
- Do not spray with water .
- Disconnect the power cord from mains power before making any repairs or removing covers. Only experienced service personnel should remove covers from the opener.
- If the power supply cord is damaged, it must be replaced by an Automatic Technology service agent or suitably qualified person.
- Connect the opener to a properly earthed general purpose 240V mains power outlet installed by a qualified electrical contractor.

CAUTION:

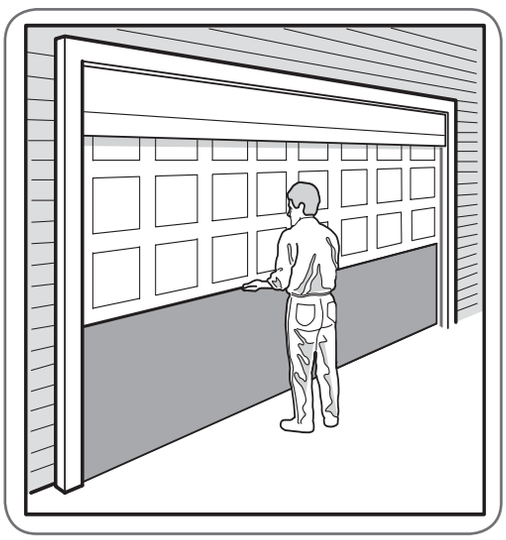
Emergency Access	• If garage has no pedestrian entrance door, an emergency access device should be installed. This accessory allows manual operation of the garage door from outside in case of power failure.
Muscular strain	• Practice correct lifting techniques (carton weighs approx 9kgs) • Practice correct lifting techniques when required to lift the door as per installation instructions.
Fall from ladder	• Ensure ladder is the correct type for job. • Ensure ladder is on flat firm ground that will take the weight without the legs sinking. • Ensure user has 3 points of contact while on ladder.
Crush injury from unsecured door	• Place a 2 metre exclusion zone around area under the door while it is unsecured. • Follow the installation instructions
Garage Door	• Examine the door installation, in particular, springs and mountings for signs of wear, damage and imbalance. • The garage door must be well balanced. Sticking or binding doors must be repaired by a qualified garage door installer prior to installation of the opener. • Remove or disengage all garage door locks and mechanisms prior to installation of the opener.
Entanglement	• Never plug in and operate opener prior to installation. • Keep hands and loose clothing clear of door and guides at all times.
Entrapment under operating door	• DO NOT operate the opener unless the garage door is in full view and free from objects such as cars and children/people. Make sure that the door has finished moving before entering or leaving the garage • In order for the opener to sense an object obstructing the door way, some force must be exerted on the object. As a result the object, door and/or person may suffer minor damage or injury. • Ensure the garage door is in good working order by undertaking regular servicing. • Install the optional wall transmitter in a location where the garage door is visible, but out of the reach of children at a height of at least 1.5m. • Photo Electric beams must be installed if the closing force at the bottom edge of the door exceeds 400N (40kg)

2. Before you Begin

Examine the conditions in the garage:

a. Look at the ceiling:
   i. Is it plastered? The opener is mounted to a perforated angle which MUST be securely fastened to a structural support. You will need to locate the structural beams in the ceiling which are generally 400mm apart.
   ii. Does it have exposed beams? The opener is mounted to a perforated angle which must be securely fastened to a structural support like the exposed beams. You may need to install a 40mm thick board (not supplied) between structural supports.

b. Look at the wall above the garage door.
   i. Is it brick? The wall bracket MUST be securely fastened to the wall with suitable screws and ensure it does not move.
   ii. Is it timber? The wall bracket MUST be securely fastened to a structural support. You may need to install a 40mm thick board (not supplied) between structural supports to fasten the wall bracket to.



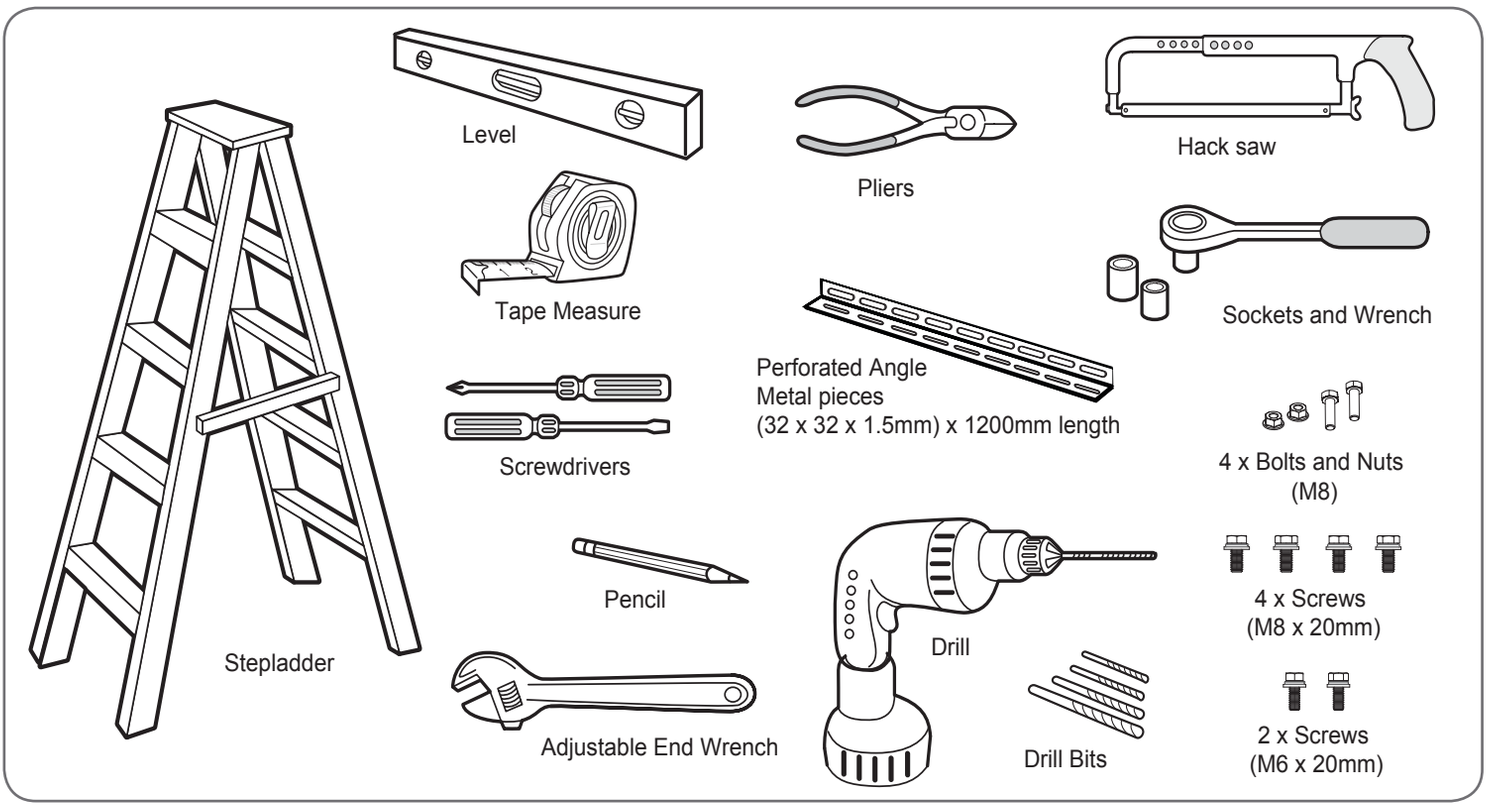
Test the following before commencing installation:

a. The door MUST BE in good operating condition.
b. Manually move the door up and down, the door should move freely without binding or sticking.
c. The maximum force required to move the door should not exceed 20kg.
d. Lift the door to about halfway. When released, the door should stay in place.

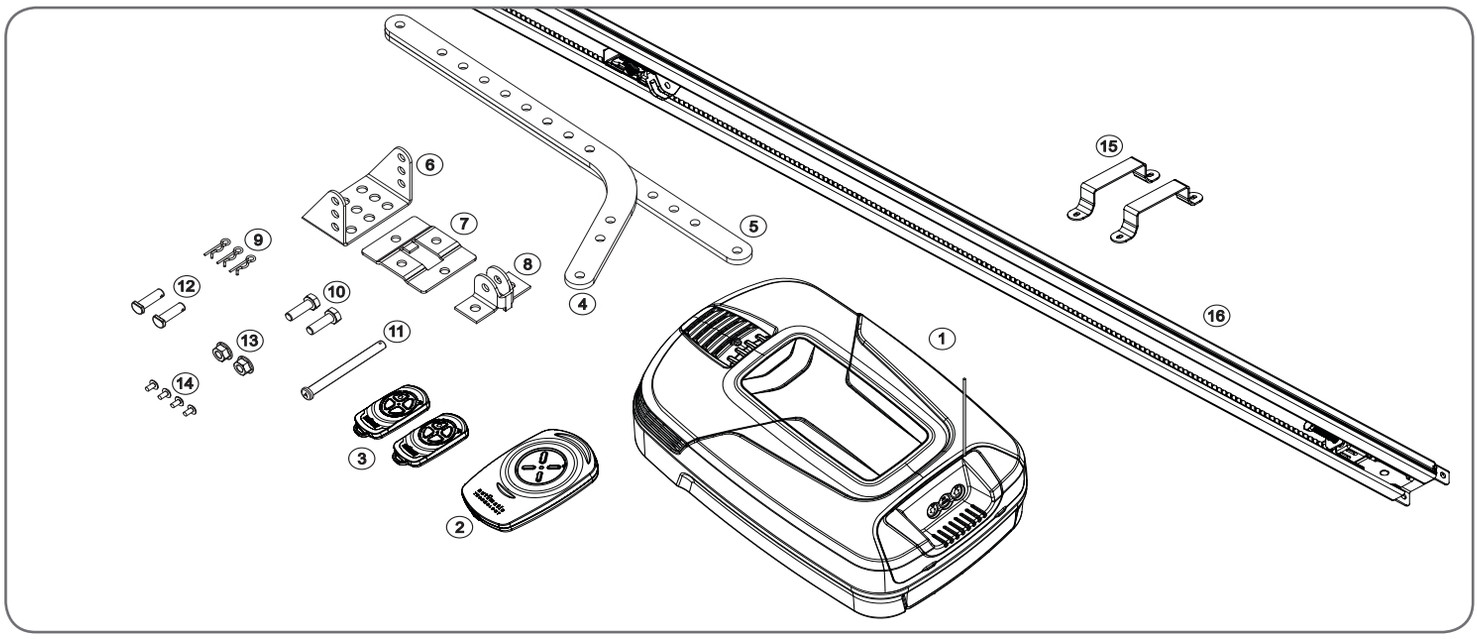
DO NOT DO IT YOURSELF:

If any of the above door requirements are not met, DO NOT attempt to fix yourself. Please contact a garage door professional. (P) 13 62 63

3. Tools Required



4. Kit Contents



1. 1 x ATS drive unit
2. 1 x Wall mount transmitter
3. 2 x Transmitters and batteries
4. 1 x Bent arm door attachment
5. 1 x Straight arm door attachment
6. 1 x Wall bracket TS01
7. 1 x Door bracket Locator
8. 1 x Door bracket
9. 3 x Pin Snap SSP 8 ZNU 31080
10. 2 x Hex Head screw M8x25
11. 1 x Pin 0890
12. 2 x Clevis Pin 0829
13. 2 x Hex Serration flange nut M8
14. 4 x Hex flange screw taptite 'S' M4 x 10

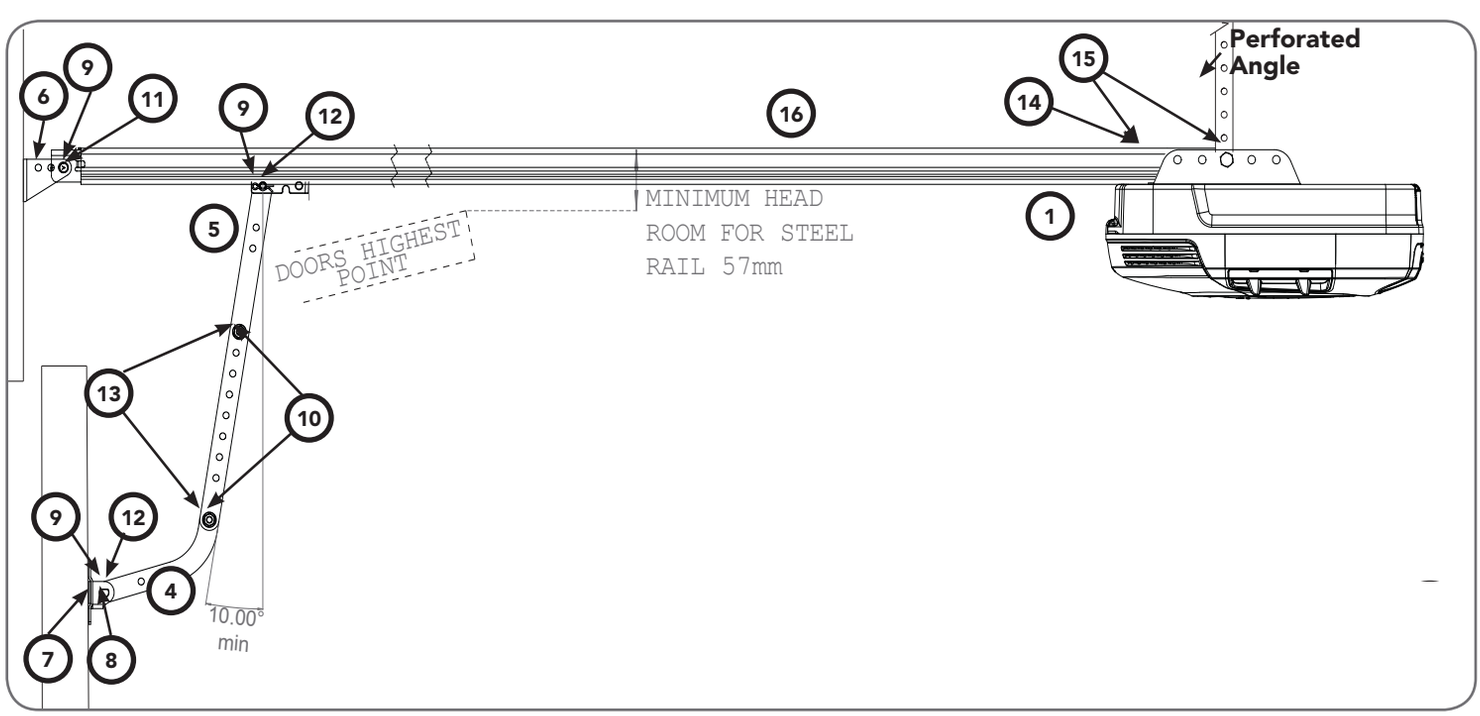
PLUS

15. 2 x Track Bracket
16. 1 x Pre-Assembled Rail

5. Position

The Opener:

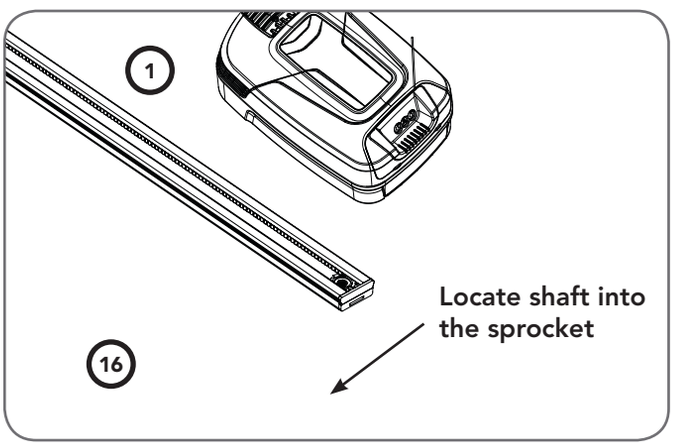
a. MUST BE installed in a dry position, protected from weather.
b. REQUIRES properly earthed 3 pin single phase power on the ceiling within an arms length of the opener.
c. Requires a MINIMUM HEADROOM of 57mm between the highest point of the door's travel and the ceiling.
d. Use the diagram below as a reference when completing the installation.

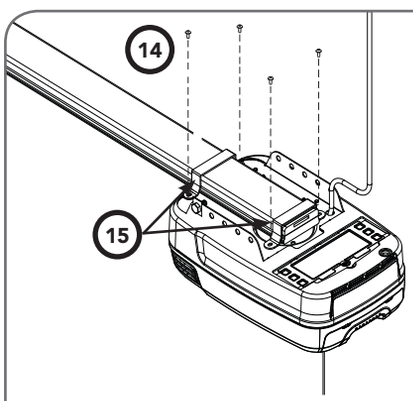


6. Fit the Opener

Secure C-Rail to Opener:

a. Remove the Opener from the box.
b. Locate and insert the shaft of drive unit (1) into the C-Rail's sprocket.
c. Fix the two track brackets (15) with four (4) M4 x 8 screws (14) supplied in accessory pack.
d. Place drive unit back in packing box for protection.





WARNING! DO NOT use tek screws to affix rail. Only use the screws provided, and fix these into the threaded holes in the chassis.

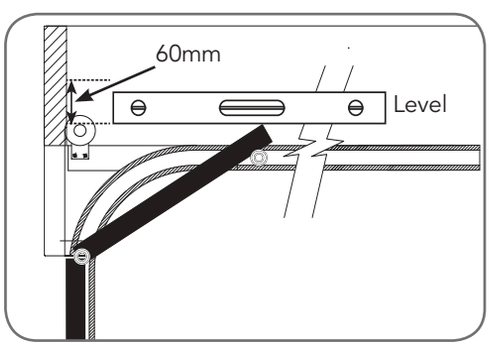
7. Bracket Position

Wall Bracket Position:

a. Determine the centre of the door and mark this point with a line on the wall above.
b. Raise the door and find the highest point of travel of the first (top) door panel.

WARNING! The Opener must be securely fastened to structural supports, otherwise opener failure may ensue causing serious personal injury and / or property damage.

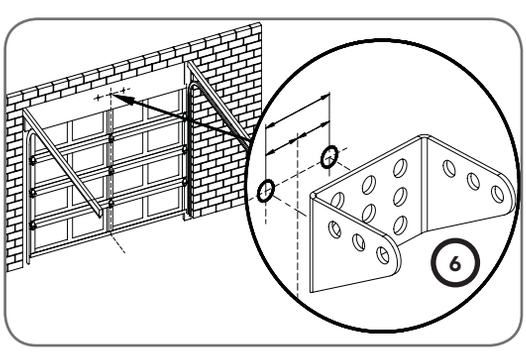
c. Using step ladder and a level, transfer this height to the wall above the door and mark a line 60mm above it, across the centre line.



DO NOT DO IT YOURSELF: If sufficient structural support can not be found, contact a door professional for installation.

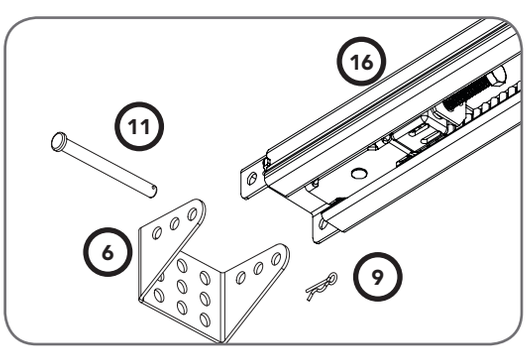
Mounting The Wall Bracket:

a. Draw two lines extending 21.5mm from each side of the centre point.
b. Centre the wall bracket (6) over the intersection of these two lines. Mark centres for at least two holes and ensure it is into a solid mounting point.
c. Drill holes in the wall with an appropriate bit.
d. Secure to the wall using:
   i. IF CONCRETE OR BRICK:
      8mm (5/6") loxins/dynabolts.
   ii. IF TIMBER:
      wood screw #20 or similar (min. 50mm).



Attach The Rail To The Wall Bracket

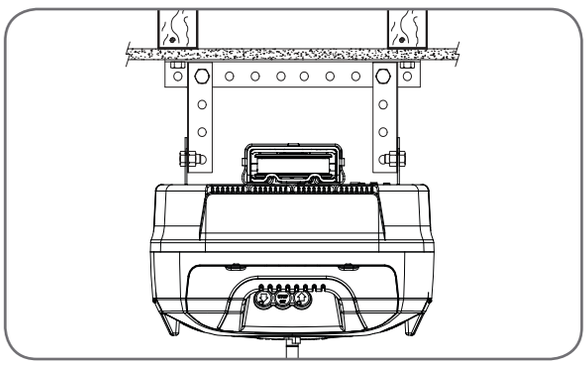
a. Leave the drive unit in its packing box on the floor for protection and lift the other end of the C-Rail.
b. Attach the C-Rail assembly (16) to the wall bracket (6) with the 90mm long pin (11) and secure with the supplied pin snap (9).



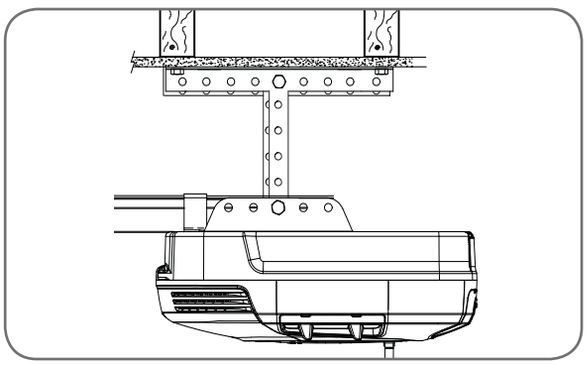
8. Perforated Angle (Not supplied)

Attach Perforated Angle (not supplied) or equivalent

a. Measure across the ceiling from the centre point 3155mm (+/- 50mm) to find a supporting beam.
b. Create a perforated angle which best suits your site. Use a hack saw to cut the L shape metal strips. Secure the perforated angle to a supporting beam using diagrams shown below.
c. Raise the drive unit to the ceiling mounted perforated angle and secure with M8x20mm screws and nuts (not supplied). Strips should not extend more than 18mm below centre of drive unit mounting holes.
d. To prevent moisture on the C-rail running into the powerhead it is recommended a strip of silicon sealant is placed across the top of the C-rail just before the opener.



Ceiling Beams that run towards the door requires:
1 x perforated L shape metal strip and
2 x shorter perforate L shape metal drop down strips.



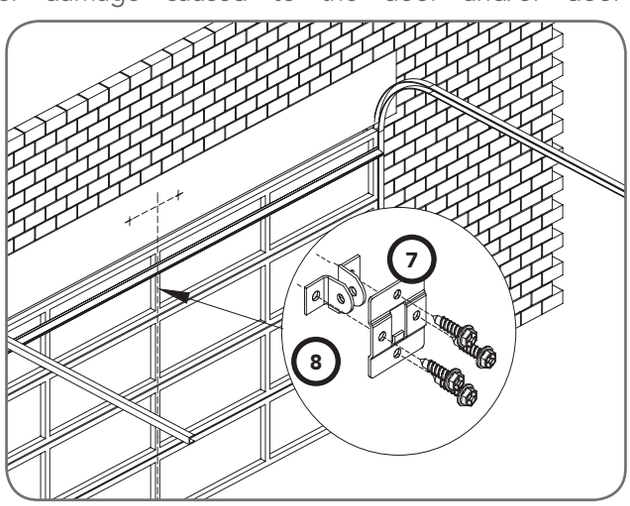
Ceiling Beams that run parallel to the door requires:
2 x perforated L shape metal strips and
2 x shorter perforate L shape metal drop down strips.

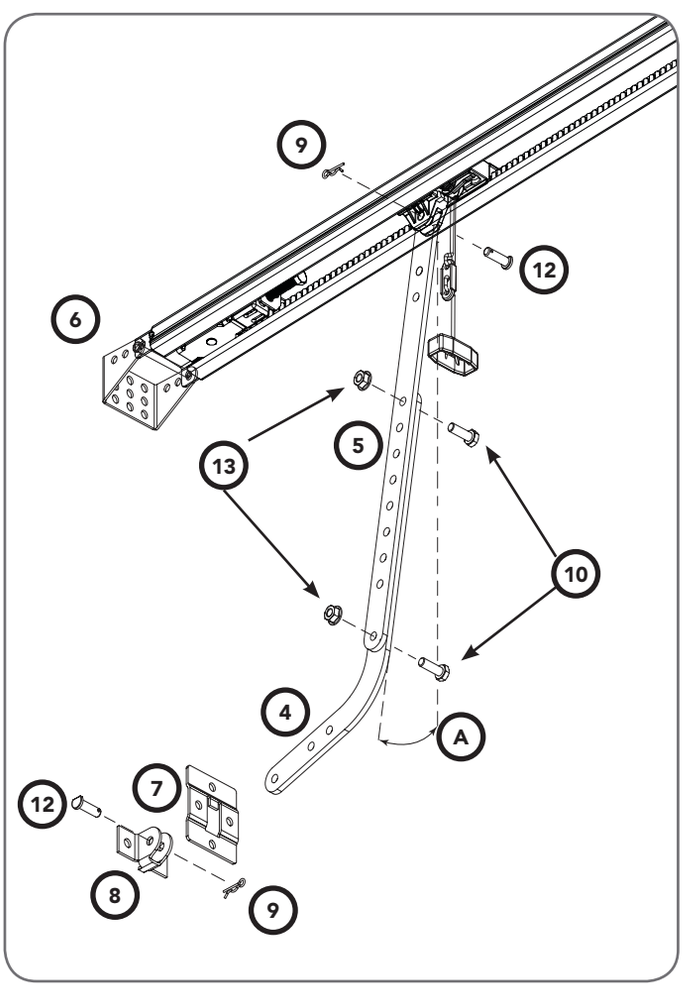
9. Mounting Brackets and Arms

Mounting The Door Bracket:

a. The door bracket locator (7) is placed over the door bracket (8), on the door's centre line one-third down the top panel and mounted using M6 or equivalent screws (not supplied),
b. STEEL DOORS ONLY: Bracket can be welded in place.

NOTE: If in doubt about the door's strength, reinforcement may be added to the door's frame where necessary. Door damage may occur if the bracket is installed on a panel with insufficient strength. The opener's warranty does not cover damage caused to the door and/or door panels.





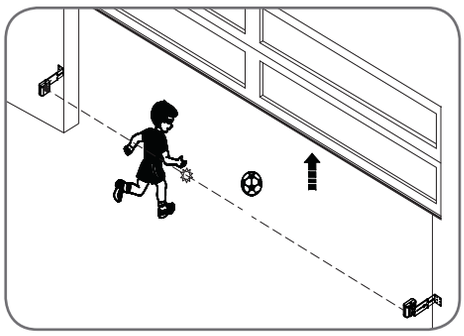
Attaching the Arms

a. Assemble the bent arm (4) (connecting to the door) to the right side of the straight arm (5) with bolts (10) and nuts (13) supplied in the accessory pack. Connect the straight arm (5) to the shuttle with a clevis pin (12) and a pin snap (9). Always use both bent and straight arms.
b. Connect the assembled arm to the bracket with clevis pin (12) and pin snap (9). The angle "A" must be more than 10°.

10. Optional Safety Beam Kit

Safety Beams

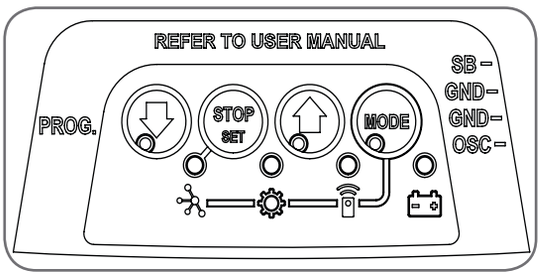
The Safety Beam Kit provides additional safety by preventing the door closing when the beam is blocked by a car, child etc. When the Safety Beam Kit is installed the Auto-close feature can be enabled if required.



a. To install the Safety Beam Kit, refer to the Safety Beam instruction supplied with the kit.
b. After the beams are installed the beam alignment feature of the opener can be used.
c. Turn power on to the opener.
d. Align the safety beams using the main light as a guide:
    i. bright = aligned
    ii. dull = not aligned or blocked

When the beam is aligned or if no beam is fitted, continue with Setting Limits.

11. Setting Limits



Set the Limit Positions and adjust drive speed:
The Limit Positions can vary due to site conditions, such as uneven ground. When setting the Close limit, ensure the position is when the door makes first contact with the ground. Alternatively for the Open limit the position should be at the height of the garage opening.

NOTE: The drive speed is set to the fastest setting by default. This may not be suitable for larger doors or for single piece doors.

Door Opener Speed Mode	STATUS	MAIN LIGHT
Fast (Default)	On	3 Flash
Medium	On	2 Flashes
Slow	On	1 Flashes

a. Switch power on and the BLUE LED on the CLOSE button will start to flash and the GEAR LED is lit to indicate that the opener is ready to set the Close travel limit.

b. Press either the CLOSE or OPEN button to move the door to the halfway point.

CLOSE limit:

i. Press and hold the CLOSE button to start closing the door, taking note of the speed the door moves.
ii. If the close speed is not suitable, to make a change, press and hold the CLOSE button and by pressing the STOP / SET button on the opener it will cycle through all three speed modes as shown in table.
iii. Once at the desired speed, release the CLOSE button.
iv. To set the close limit, inch the door by making single presses of the CLOSE button to the desired position. We recommend the CLOSE limit position being the first point of contact of the rubber strip (at the bottom of the door) with the ground.

WARNING! In setting the close limit position, do not force the door into the floor with excessive force, as this can interfere with the ease of operation of the manual release mechanism.

v. If the door overshoots, press the OPEN button to move the door in the OPEN direction.
vi. When the door is at the desired CLOSE position, press the STOP / SET button on the opener, the GREEN LED on the OPEN button will now flash.

NOTE: If unhappy with the speed or travel limit setting, restart this procedure by resetting the door limit positions as per below first.

OPEN limit:

i. Press and hold the OPEN button to start opening the door, taking note of the speed the door moves.
ii. If the open speed is not suitable, to make a change, press and hold the OPEN button and by pressing the STOP / SET button on the opener it will cycle through all three speed modes as shown in table.
iii. Once at the desired speed, release the OPEN button.
iv. Continue inching the door to the desired position.
v. To set the open limit, inch the door by making single presses of the OPEN button to the desired position. We recommend the OPEN limit position being the height of the garage opening.
vi. If the door overshoots, press the CLOSE button to move the door in the CLOSE direction.

WARNING! The door will automatically close, open and close again after the next step. Ensure that nothing is in the door's path.

vii. When the door is at the desired OPEN position, press the STOP / SET button The door will now automatically close and open to calculate the safety obstruction settings.

Clearing the Door Limit Positions
Limit positions can be deleted by:

a. Press the MODE button repetitively until the GEAR LED is lit.
b. Press and hold the MODE button for 10 secs, let the MODE button go when the main light stops flashing.
c. The close LED will flash continuously to indicate limits have been cleared.

NOTE: If no action is taken within 30 seconds, the opener will return to normal operating mode and restore the original settings.

d. Follow from CLOSE limit: above to set new limit positions.

Re-profiling the Door
Re-profiling is a simplified way of re-learning the travel characteristic of a previously setup Limit Switch travel installation. Re-profiling can be used when the travel characteristics of the door change due to mechanical adjustments etc. To initiate a re-profile:

a. Limits must be set.
b. Press the MODE button repetitively until the GEAR LED is lit.
c. Press and hold the CLOSE button for two seconds, the door will open and close by itself to record profile.

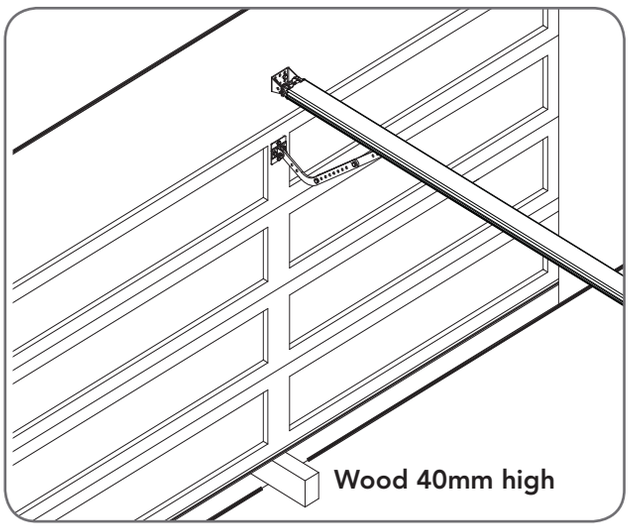
12. Safety Testing

CAUTION: Take care when completing a safety test. Failure to follow this warning can result in serious personal injury and/or property damage.

Test the Close Cycle

a. Press the OPEN button or transmitter button to open the door (If the door starts closing, press the transmitter button to stop the door, then press transmitter again to open).
b. Place a piece of timber 40mm high on the floor directly under the door.
c. Press the transmitter button to close door.
d. The door should strike the object and re-open.
e. Remove the timber.

WARNING! If the door is closing and is unable to re-open when obstructed, discontinue use. Do not use a door with faulty obstruction sensing.



Testing the Open Cycle

a. Press the CLOSE button or transmitter button to close the door.
b. Press the transmitter button again to open the door.
c. When the door reaches approximately half way, firmly grab the door's bottom rail - the door should stop.

If the door does not reverse readily when closing, or stop when opening, put the door into manual by pulling down on the manual release string to disengage the motor and contact 13 62 63 for support.

WARNING! If the door fails these tests, put the opener into manual mode, only operate the door by hand and call for service.

Test the Manual Door Operation

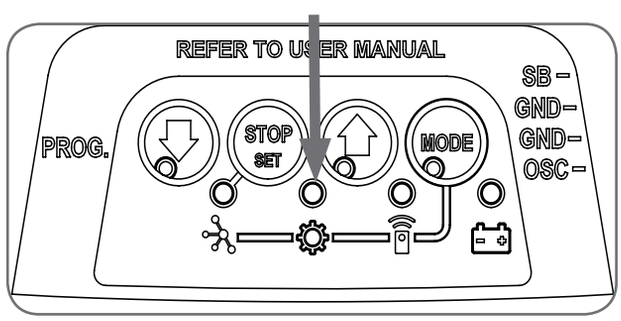
Periodically disengage the opener and manually operate the door. The door must be smooth to operate by hand. The force required on the bottom rail should not exceed 20kg.

WARNING! Safety beams must be installed if the closing force at the bottom edge of the door exceeds 400N (40kg).

13. Auto-Close

Auto-Close mode is a function that automatically closes the door after a pre-set time. Safety beams must be installed in order to run the Auto-Close function. There are two types of Auto-Close available:

i. Standard auto-close - the door will Auto-Close after a programmed time. In this mode the timer starts to countdown as soon as the door is fully open. This function is useful in case the safety beam does not get triggered.
ii. Safety Beam triggered auto-close - the door will auto-close after a programmed time. In this mode the timer starts counting down only when the safety beam is triggered. ie car leaving the garage.



WARNING! It is compulsory to have Safety Beams installed when using Auto-Close mode.

To enable the Auto-Close function:

a. Press the MODE button until the GEAR LED starts flashing.
b. Press the OPEN button until the GEAR LED flashes:
   i. two (2) times to get to PE auto-close or
   ii. three (3) times to get to standard auto-close.
c. Press STOP / SET button to enter parameter.
d. The default setting for Auto-Close is OFF. Press the OPEN button to move through options and the light's brightness will change accordingly.
e. Press STOP / SET button to save the parameter's new value or press MODE to leave the value unchanged.

Parameter		Value options = Indicated by brightness of main light (DEFAULT parameter underlined)					
Name	Flashes	1	2	3	4	5	6
PE AUTO-CLOSE	2	OFF	15sec	30sec	60sec	90sec	-
AUTO-CLOSE	3	OFF	15sec	30sec	60sec	90sec	120sec

14. Coding a Transmitter

Storing the Transmitter Code

The opener can only operated from remote control transmitters that have been programmed into its memory. Up to 64 codes can be stored in the memory.

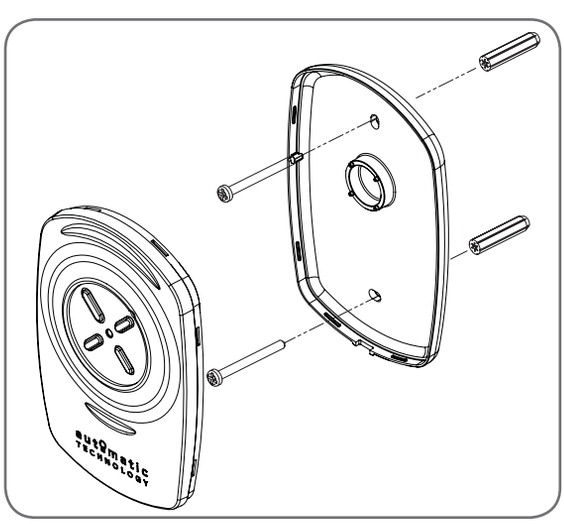
a. Press the MODE button until the TRANSMIT LED is lit.
b. Press and HOLD the button/s indicated in the table to set the required transmitter function. The Main light will start to flash rapidly.
c. Press one of the four (4) buttons on the transmitter until the main light starts to flash rapidly, then release transmitter button.
d. Press the remote control button again until the main light stops flashing rapidly.
e. Release both buttons. The transmitter button is now coded, press to test.

NOTE: Refer to the Light indicator table for the details of the transmitter status.

MAIN LIGHT	TRANSMITTER STATUS
ON	Button added
OFF	Button removed
2 FLASHES, then OFF	Remote control deleted
4 FLASHES, then OFF	Memory full

Installation of the Wall Mounted Transmitter

a. Store the transmitter code as per instructions above. Test the transmitter button.
b. Mount the transmitter in a convenient location, yet out of reach of children and at least 1.5m off the ground.
c. Make sure the door is visible from this location.



	BUTTON		
TRANSMITTER FUNCTION	↓	STOP SET	↑
Open / Stop / Close	HOLD		
PET (Pedestrian) Mode		HOLD	
Open			HOLD
Light	HOLD	HOLD	
Vacation Mode	HOLD		HOLD

Erasing All Transmitter Codes

a. Press the MODE button until the TRANSMIT LED is lit.
b. Press and hold the MODE button for 10 secs, let the MODE button go when the main light stops flashing.
c. Follow steps a - e in Storing the Transmitter Code to code new transmitters.

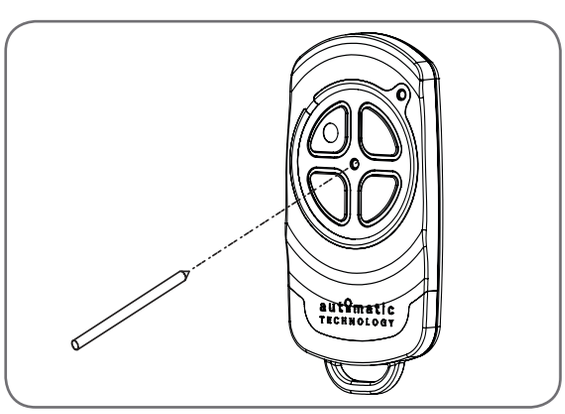
Vacation Mode

a. To turn on Vacation mode and lock out all remotes, press the button on the remote programmed with Vacation Mode.
b. To turn off Vacation Mode, press the transmitter button programmed to vacation mode to turn off.

Remotely Coding Transmitters

Using this method transmitters can be coded without access to the opener's control panel as long as a pre-coded transmitter is available.

a. Take any pre-coded transmitter. Press the button for the function to be duplicated and release.
b. Using a small needle / pen, press and hold firmly for two seconds the middle button, through the Coding Hole.
c. Within ten (10) seconds take the additional transmitter you wish to code. Hold the new transmitter's button for two seconds, pause for two seconds, hold again for two seconds and then release.
d. Wait for ten (10) seconds and then press the new transmitter's button to test.



15. Home Owner Safety Warnings!

This automatic garage door opener is designed and tested to offer safe service provided it is installed and operated in strict accordance with the following safety warnings. Failure to comply with the following instructions may result in death, serious personal injury or property damage.

Please read these important safety warnings!

WARNING!

- When operating the manual release while the door is open, the door may fall rapidly due to weak or broken springs, or due to being improperly balanced.
- DO NOT disengage the opener to manual operation with children/persons or any objects including motor vehicles within the doorway.
- If the door is closing and does not re-open when obstructed, discontinue use. DO NOT use a door with faulty obstruction sensing.

ELECTROCUTION!

- Place opener in protected area so that it does not get wet.
- DO NOT spray with water .
- DO NOT open the protective covers.
- DO NOT operate opener if cable is damaged.

DO NOT DO IT YOURSELF

- Keep the garage door balanced. Sticking or binding doors must be repaired. Garage doors, door springs, brackets and their hardware are under extreme tension and can cause serious personal injury. DO NOT attempt any garage door adjustment. DO NOT use if repair or adjustment is needed. Call for a professional garage door service.

CAUTION:

Emergency access	• If your garage has no pedestrian entrance door, an emergency access device should be installed. This accessory allows manual operation of the garage door from outside in case of power failure.
Entrapment under operating door	• Watch the moving door and keep people away until the door is completely opened or closed. DO NOT operate door when persons are near the door. • DO NOT allow children to play with door controls or transmitters. • Regularly conduct Open and Close cycle testing. • Ensure the garage door is in good working order by undertaking regular servicing. • Wall transmitters should be installed in a location where the garage door is visible, but out of the reach of children at a height of at least 1.5m. • Install Safety Beams (recommended).
Fall from Ladder	• Ensure ladder is the correct type for the job. • Ensure ladder is on flat ground. • Ensure user has 3 points of contact while on ladder.
Entanglement in or laceration from moving door	• Keep hands and loose clothing clear of door and guides at all times. • Keep hands clear of moving door as sharp edges can cause cuts or lacerations.

16. Opener Safety & Security

Your Door CAN NOT be used by the opener when:
a. There is a locking device installed.
b. There is a power failure.

Your Door CAN be used when:
a. There is an emergency, by disengaging the opener.
b. There is a power failure, by disengaging the opener.

To Disengage the Opener:
a. It is recommended to do so with the door in the closed position.
b. Pull the manual release cord towards the door, until you hear a click.
c. Move the door manually.

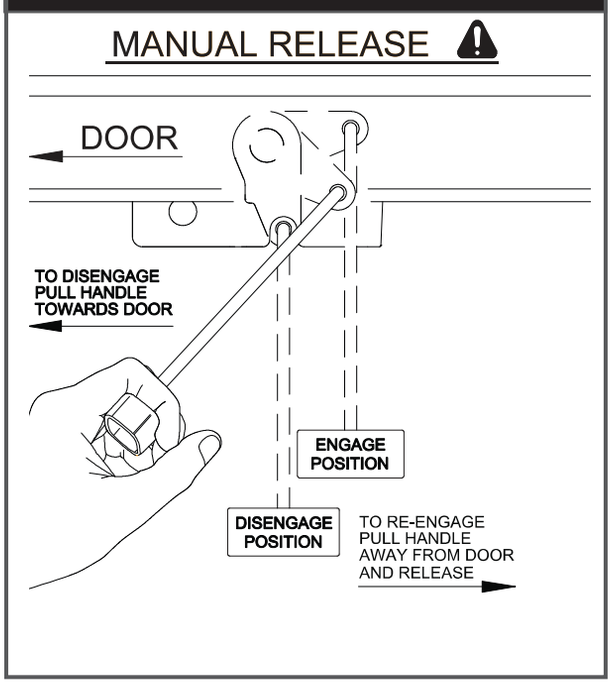
CAUTION: When the opener is manually disengaged, the door is no longer locked. To lock the door manually, re-engage the opener after the door is closed.

To Re-Engage the Opener:
a. Check the door has not been locked by a locking device.
b. Pull the manual release cord away from the door, until you hear a click.
c. The door will now operate from the opener.

CAUTION: Do not use the string handle as a mechanism to open the door. Failure to comply may cause serious injury.

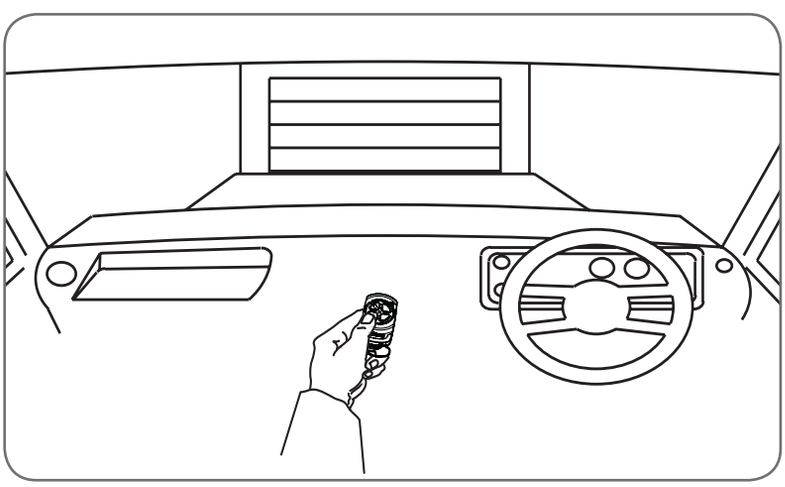
WARNING! When operating the manual release (while the door is open) the door may fall rapidly due to weak or broken springs, or due to being improperly balanced.

Do not disengage the opener to manual operation with children/persons or any objects including motor vehicles within the doorway.



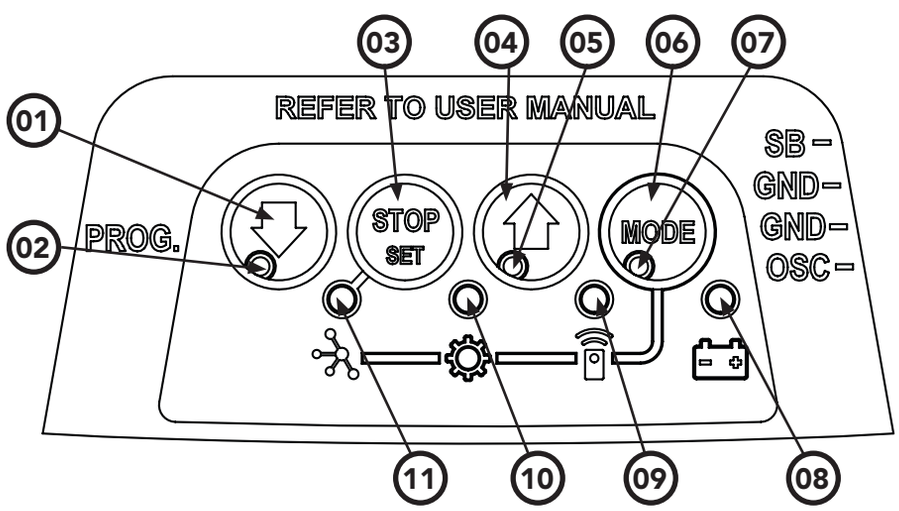
17. Operating your Opener

To Operate the opener:
a. Press the programmed transmitter button until your door begins to move (usually 2 seconds). Make sure you can see the door when you use the transmitter.
b. If you are in a vehicle you should aim the transmitter through your windscreen as shown.
c. Check that the door is fully open or closed before you drive in or away.
d. If you press the transmitter whilst the door is moving the door will stop. The next press of the transmitter will move the door in the opposite direction.



18. User Operating Controls

Button	Function
1. DOWN ARROW (Blue)	Closes the door
2. DOWN ARROW LED (Blue)	Illuminates when the door is closed and flashes when the door is obstructed on close or stopped.
3. STOP (Red)	Stops the door
4. UP ARROW (Green)	Opens the door
5. UP ARROW LED (Green)	Illuminates when the door is open and flashes when the door is open with the auto-close timer running, obstructed on opening or stopped.
6. MODE (Yellow)	Enables Load Diagnostics Mode
7. MODE STATUS LED (Yellow)	Illuminates when in Diagnostics Mode
8. BATTERY STATUS LED (Yellow)	Illuminates when battery is charged and flashes when battery is charging, in use or battery failed. Battery function not available with ATS-2 model.
9. REMOTE CONTROL STATUS LED (Red)	Flashes on remote lockout and flickers on remote control activity
10. ADJUSTMENT LED (Yellow)	Flashes a certain number of times depending on the parameter being changed.
11. NETWORK LED (Not Available with ATS-2)	



19. Specifications

Technical Specifications	ATS-2
Rated voltage range:	230V - 240Va.c.
Rated frequency:	50Hz / 60Hz
Rated power input:	165W
Door opening: Maximum Door Area: Maximum Door Weight: Door must be well balanced and able to be operated by hand, as per warranty conditions and AS/NZS 4505:2012	 $18m^2$ 200kg*
Minimum headroom	57mm
Rated Operating Time	4 mins
Rated Temp	+5°C to +40°C
Short Term Peak force:	1100N
Rated load	400N
Nominal force	200N (20kg)
Receiver type	Multi-frequency UHF FM (433.47, 433.92 & 434.37MHz)
Receiver code storage capacity	64 X 4-button Transmitters
Transmitter battery	CR2032 (3 Volts)
Main light	LED (Light Emitting Diodes)
Network connectivity	Network compatible, (requires optional Smart Phone Control Kit)

* Gross door weight, including all fittings

Note: Intermittent operations may occur in areas which experience very strong winds. The strong wind puts extra pressure on the door and tracks which may in turn intermittently trigger the safety obstruction detection system.

20. Troubleshooting

Symptom	Possible cause	Remedy
The opener does not work from the transmitter	Garage door in poor condition e.g. springs may be broken	Check the door's operation
	The opener does not have power	Plug a device of similar voltage (e.g. a hair dryer) into the power point and check that it is OK
	The battery in the transmitter is flat	Replace the battery
	The opener has turned on "Vacation Mode"	Turn off "Vacation Mode" (Section 14)
	The transmitter button is not programmed to operate the door.	Code in the transmitter
One transmitter works but the other/s do not	Faulty transmitter	Replace transmitter
	Flat battery	Replace battery
The chain / belt moves but the door remains stationary	The opener is disengaged	Re-engage the opener
The transmitter range varies or is restricted	Variations are normal depending on conditions e.g. temperature or external interference	Make sure you can see the door when you use the transmitter.
	The battery life is exhausted	Check the battery status by pressing a button (flashing or no light requires battery to be changed)
	Position of the transmitter in the motor vehicle	Aim the transmitter through the windscreen.
The Courtesy light does not work	LED has failed	Change LED.
The door reverses for no apparent reason	This may occur occasionally from environmental conditions such as areas that are windy, dusty or have extreme temperature changes.	Ensure the door runs smoothly before increasing the force pressure.
	If Safety beams are installed they may be partially obstructed.	Ensure the beam path is not obstructed. Check the Alignment.
Auto Close not working	Safety Beam or wiring faulty	Repair Safety Beam or replace wiring. Re-align optics. See Safety Beam instructions.
The door stops or moves very slowly under battery (Optional Battery Back Up Accessory)	The batteries may have little OR no charge	Connect mains power and leave the batteries to charge. The batteries may take 24 to 48 hours to reach their maximum charge capacity.
The Main light is repeatedly flashing OFF a number of times followed by a pause	Generally the opener can still be used.	The issue type is indicated by the number of flashes shown.
The CLOSE (Blue) LED is flashing	Limits are not set	Set Up Limits (Section 11).

20. Troubleshooting

Main Light = Service / Warning Indicator:
Requirements for a service and user warnings are indicated after operation by the main light repeatable flashing OFF a number of times followed by a pause. The below table identifys the issues and remedies.

Flashes	Issue	Remedy
1	Normal operation (door is fully open)	
2	PE is preventing door from moving	Clear away any obstructions. Test Door. If unable to move the door and suspect beam is faulty, enter Safety Beam Emergency Close by pressing and holding a pre-coded button on transmitter for more than five seconds and the door will start closing.
3	NOT AVAILABLE	
4	Wireless PE battery is low	Change PE Battery
5	NOT AVAILABLE	
6	Maintenance is due after pre-set number of cycles.	Contact dealer to arrange service.
7	Standby battery is faulty	Contact 1300 769 850 within Australia for assistance
8	Door was obstructed	Clear away any obstructions and test door opens/closes correctly. (If door is damaged, contact your door professional)
9	Motor overloaded or stalled	Check the doors operation by disengaging the motor and ensuring the door runs smoothly. If necessary make door adjustments or contact your door professional.
10	Unit running on battery power	Main light will flash (3) three times at the start of the cycle to indicate opener is running from battery backup. Check power supply.

If You Need a Service Call
If the opener needs a service please call the dealer who installed the garage door opener (their contact details are usually on a sticker on the back of your garage door). For product assistance contact 13 62 63 within Australia.

BEFORE CALLING you should have the following information to assist in providing the appropriate service:

1. Has anything happened since the opener last operated OK, e.g. a storm, a jolt to the door etc.?
2. What is the current light status on the opener?
3. Manually disengage the door (Section 16).
   How easy is it to manually open and close the door?
4. What model is the opener? (Model no. information is located at the rear of the opener)
5. Who installed the opener? (Dealer details should be on a sticker on the back of your garage door)
6. When was it installed? (If known)

21. Maintenance

Door Maintenance

A poorly maintained door could cause fatal / serious injuries or damage to property.

- Frequently examine the door, particularly the cables, springs and mountings for signs of wear, damage or imbalance. **DO NOT USE** if repair or adjustment is needed since a fault in the installation or an incorrectly balanced door may cause injury.
- Fasteners: Check all screws, nuts and bolts to ensure they are secure.
- Spring Tension: It is natural for springs to lose tension. Should the door become hard to operate or completely inoperative, contact a door professional.
- Guide Tracks: Clean the internal sections of the guide tracks every 3 - 6 months with a cloth dampened with mineral turps or methylated spirits.

WARNING! Failure to maintain your garage door may void the warranty on your garage door opener.

DO NOT DO IT YOURSELF:
Door adjustments should only be carried out by experienced persons, as this function can be dangerous if not performed under strict safety procedures.

Run the Safety Testing procedures MONTHLY in Section 12 to ensure garage door is fit for use.

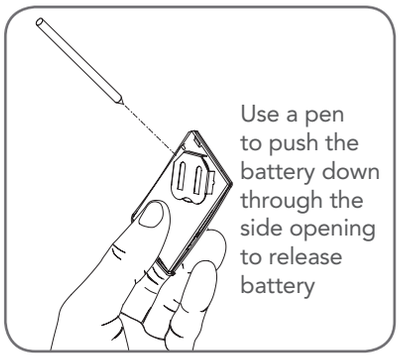
22. Battery Replacement

Battery Type:
3V Lithium Battery CR2032.

- To test the battery is working, press and hold a transmitter button. Check Light Status table to determine if battery needs replacing

Light Status	Battery Status
Solid	OK
Flashing	Requires replacement
No light	Requires replacement

- Use finger nails to separate the transmitter casing to expose circuit board.
- Use a non-metallic object (e.g. pen) to remove the battery.



23. Battery Disposal

When batteries reach the end of their usual life in accordance with Australian Battery Recycling Initiative please follow the next simple steps for protecting the environment. Refer to the Automatic Technology website for information on where to recycle batteries in Australia.

DO NOT throw the batteries in municipal waste. This symbol of the crossed out wheeled bin indicates that the battery should not be placed in the municipal waste. Check your local regulations for appropriate disposal of the batteries.

Recycling all batteries will have other environmental and social benefits:

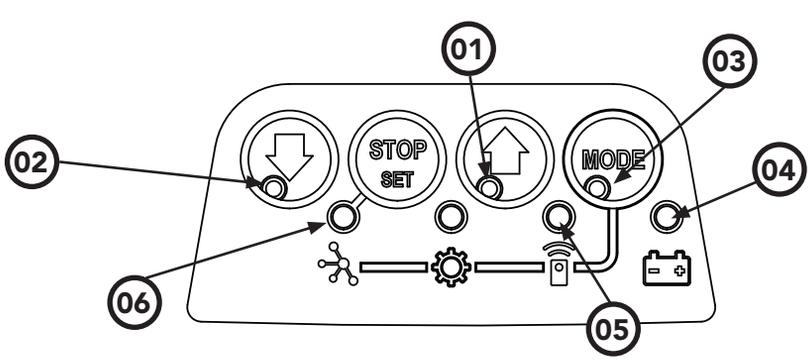
- Some batteries are less toxic but hazardous for other reasons. Lithium batteries can explode or catch fire in landfill, while button cells are dangerous if swallowed by children. Recycling offers a safe and environmentally responsible solution for end of life batteries.
- Battery recycling recovers non-renewable materials such as lead, cadmium, stella, zinc, manganese, cobalt, silver, plastics and rare earth elements.
- Removal of batteries and other hazardous household products from household waste facilitates the recovery of organic materials through alternative waste technologies such as composting. Batteries and heavy metals are known contaminants in compost.
- The community supports recycling because it reduces waste to landfill and achieves environmental benefits.

WARNING! Prior to disposal, recycling, or collection, all battery terminals must be securely insulated with a non conductive material to prevent any two batteries from short circuiting and generating heat during storage or transport. Battery terminals may be insulated with electrical tape; or batteries may be individually packaged in a non conductive material (e.g., plastic bag or original packaging).

24. Appendix

A - Status Indication during Operating Mode.

LEDs	Light Status					Description
	BLUE	GREEN	YELLOW	RED	PURPLE	
DOOR OPEN (2) AND CLOSED (1) LEDS		solid				Open
		flashing				Open with Autoclose timer running
		flashing				Opening / Obstructed on Open
	solid					Closed
	flashing					Closing / Obstructed on Close
	flashing	flashing				Stopped
	solid	solid				Partial Open
MODE LED (3)			flashing			Load Diagnostics mode
BATTERY LED (4)			off			Battery not used / not fitted
			solid			Battery charged
			flashing			Battery charging, when connected to power, without power battery in use (holding STOP for 10s will shutdown)
			rapid flashing			Battery failed
REMOTE CONTROL STATUS LED (5)				flashing		Remote lockout
				rapid flashing		Remote Control Activity
NETWORK LED (6) (not available on ATS-2 model)						



24. Appendix

B - Adjustment Mode Instructions

a. Press the MODE button until the GEAR LED starts flashing
b. Referring to the table below, select the desired parameter using the OPEN and CLOSE buttons and observing the number of flashes on the GEAR LED. The selected parameter's value is indicated by the main light's brightness.
c. Press STOP / SET button to start editing the parameter's value. The TRANSMIT LED will turn on when editing is active.
d. Use the OPEN and CLOSE buttons to step through the available options. The light's brightness will change accordingly.
e. Press STOP / SET button to save the parameter's new value or press MODE to leave the value unchanged.
f. Continue from a. above to select another parameter or press MODE to exit adjustment mode.

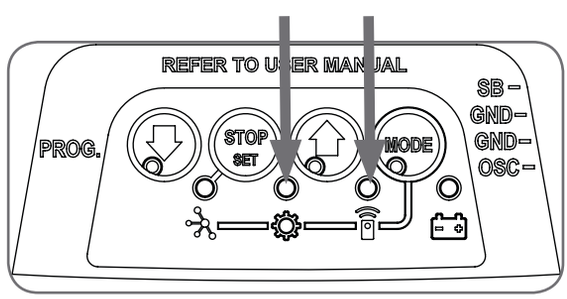
Parameter		Value options = Indicated by brightness of main light (DEFAULT parameter underlined)									
Name	**Flashes**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
MARGIN	1	0.7A	0.69A	1.2A	1.5A	2.0A	-	-	-	-	-
PE AUTO-CLOSE	2	OFF	15sec	30sec	60sec	90sec	-	-	-	-	-
AUTO-CLOSE	3	OFF	15sec	30sec	60sec	90sec	120sec	-	-	-	-
LIGHT TIMER	4	30sec	60sec	90sec	120sec	180sec	240sec	-	-	-	-

C - Adjusting Force Margins

Adjusting Safety Obstruction Force
The Safety Obstruction Force is calculated automatically during setup. Adjusting this is normally only necessitated by environmental conditions such as windy or dusty areas, and areas with extreme temperature changes.

To Increase / Decrease Force Pressure

a. Press the MODE button until the GEAR LED is flashing.
b. The LED will start flashing with one flash every second.
c. Press the STOP / STEP button and the MODE button LED and the TRANSMIT LED will be lit and the GEAR LED will flash once every second.
d. By pressing the OPEN button will increase the force pressure and CLOSE button will decrease the force - Main light will dim or brighten as the pressure is decreased or increased.
e. Press STOP / SET button to save the new value. (Refer to Appendix B for margin settings)
f. Test the force again as per Testing Close Cycle and Testing Open Cycle.



D - Battery Functions

a. Holding the STOP button for 10secs when running from battery backup will shut the PCB down so as to reduce battery current consumption to a minimum.
b. Holding the STOP button for 4secs when a battery is fitted and running from mains power will cause the controller to test the battery state to determine if it is disconnected / open circuit, missing, faulty or ready.

E - Setting limits via Transmitter

a. Switch power on and the BLUE LED on the CLOSE button will start to flash to indicate that the opener is ready to set the Close travel limit

b. Press the MODE button until the TRANSMIT LED is lit.

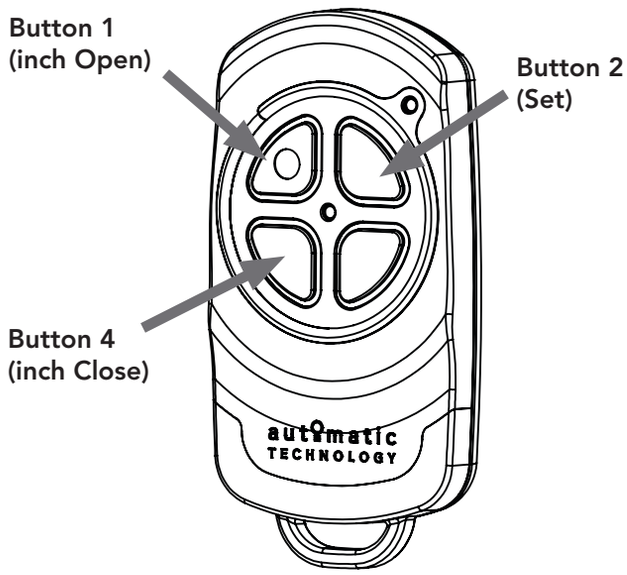
c. Press and HOLD the CLOSE button to set the Open / Stop / Close function. The Main light will start to flash rapidly.

d. Press and hold button 1 on the transmitter, then release transmitter button.

e. Press and hold button 1 on the remote control button again until the main light stops flashing rapidly.

f. Release both buttons. The transmitter button is now coded, press to test and observe the speed of the door through a full cycle.

g. The drive speed is set to the fastest setting by default. This may not be suitable for larger doors or for single piece doors:



CLOSE limit:

i. Using the programmed transmitter, press and hold the button 4 to close. To inch the door, single presses of the button 4 will move the door to desired limit.

ii. While inching (to CLOSE) to set the close speed, press and hold button 4 on the remote and by pressing the SET button 2 the opener will cycle through all three speed modes as shown in table.

iii. Once at the desired speed, release the remote button 4.

iv. Continue inching the door to the desired position. We recommend the CLOSE limit position being the first point of contact of the rubber strip (at the bottom of the door) with the ground.

v. If the door overshoots, press the OPEN button 1 on the remote to move the door in the OPEN direction.

vi. When the door is at the desired CLOSE position, press the SET button 2, the GREEN LED on the OPEN button will now flash.

OPEN limit:

i. Using the programmed transmitter, press and hold the button 1 to open. To inch the door, single presses of the button 1 will move the door to desired limit.

ii. While inching (to OPEN) to set the open speed, press and hold button 1 on the remote and by pressing the SET button 2 the opener will cycle through all three speed modes as shown in table.

iii. Once at the desired speed, release the remote button 1.

iv. Continue inching the door to the desired position. We recommend the OPEN limit position being the height of the garage opening

v. If the door overshoots, press the CLOSE button 4 on the remote to move the door in the CLOSE direction.

WARNING! The door will automatically close, open and close again after the next step. Ensure that nothing is in the door's path.

vi. When the door is at the desired OPEN position, press the SET button 2. The door will now automatically close and open to calculate the safety obstruction settings.

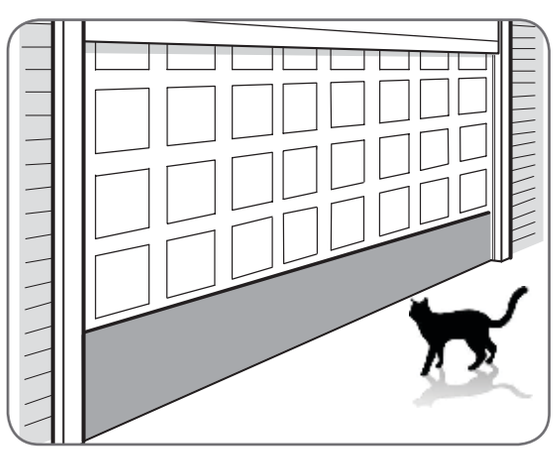
F - Setting the PET Mode position

When activated, PET mode drives the door to a preset position from the close position, therefore allowing a pet or parcel to go under the door.

a. Drive and stop the door at the desired PET mode open position by pressing the transmitter button coded for Open/Stop/Close operation.

b. Press the MODE button until the GEAR LED is lit.

c. Press OPEN button to save PET position - Main light will flash and both OPEN and CLOSE LED will light up.



25. Warranty

REGISTER ONLINE TODAY!
Register your Product to take advantage of convenient service and support at www.ata-aust.com.au/register

This Warranty is given by Automatic Technology (Australia) Pty Ltd (ABN 11 007 125 368) (ATA), 6-8 Fiveways Boulevard, Keysborough 3173, 1300 769 850, sales@ata-aust.com.au.

PLEASE NOTE:
- This Warranty is in addition to any statutory, non-excludable guarantees or warranty rights and remedies under the law. See section 5 below.
- This warranty applies to the original purchaser only and may not be transferred.
- This Warranty is to be read in conjunction with the owner's copy of the installation instruction manual.
- In this warranty, 'ATA Representative' means an entity authorized by ATA to service ATA products. Please check the ATA website for details.

It is a condition of the below warranties that the manual operating (opening and closing) force of the door by hand does not exceed 20kg.

MODEL	WARRANTY	DOOR (MAX)
SECTIONAL		
ATS-2	7 yrs / 20,000 cycles	200kg
GDO-9V2	7 yrs / 20,000 cycles	200kg
GDO-9V3	7 yrs / 20,000 cycles	175kg
GDO-11V3	5 yrs / 10,000 cycles	110kg
ROLLING		
GDO-6V3	5 yrs / 10,000 cycles	110kg
GDO-6V4	7 yrs / 20,000 cycles	110kg
GDO-8V3	2 yrs / 5,000 cycles	100kg
GDO-10V3	2 yrs / 5,000 cycles	270kg
GDO-12V1	2 yrs / 10,000 cycles	270kg
EXTRAS		
TRACK ASSEMBLY (includes all parts)	1 year	
TRANSMITTERS & ACCESSORIES	1 year	

NOTE: CONSUMABLES (eg Batteries in remote control transmitters and light bulbs and fuses) are not covered by this warranty

1. MAKING A CLAIM

(a) The product parts in the above table should operate in accordance with the product manual for the time period shown, provided you comply with the manufacturer's instructions concerning installation, operation, maintenance and testing. Failure to do so may void all or part of this warranty.
(b) If, during the relevant warranty period, a product part in the table above appears to contain a defect, call the retailer from whom you purchased the product, or ATA on 03 9791 0240, and they will instruct you what to do next.
(c) You are responsible for the cost of making a claim under this Warranty. Additional access expenses where the Product is not readily accessible must be borne by you.
(d) If ATA or ATA's Representative confirms the product is defective and covered by this Warranty, ATA will repair or replace it (at ATA's sole option) at no cost to you. Goods presented for repair may be replaced or repaired by refurbished goods or parts of the same type.

2. WARRANTY CONDITIONS

t is a condition of this warranty that:
(a) you provide a copy of the receipt of original purchase of the product, and the serial number of the Product which can be found on the label adhered to the Product.
(b) the door and opener are properly maintained by being serviced by a qualified professional at regular, appropriate intervals. What is appropriate may vary based on environmental factors (eg. weather, salt exposure) and level of usage. Based on average use and environmental conditions, ATA recommends that the product is serviced by ATA or an ATA Representative, within 12 months of installation (to allow for new door to settle) and at regular intervals not exceeding 2 years.

3. WARRANTY EXCLUSIONS

This warranty excludes defecrts or improper operation resulting from:
(a) excessive wear and tear that may cause the product to fail;
(b) accidental, deliberate or negligent damage or damage cause by nsects, dirt, plants or other objects;
(c) blown fuses, electrical surges, power surges or power spikes or faulty or unsuitable electrical wiring of structures to which the product is affixed;
(d) theft, fire, flood, rain, water, lightning, storms or any other acts of God;
(e) salt or other corrosion due to environmental conditions,
(f) any installation, configuration or use of the product contrary to the instructions supplied with the product;
(g) maximum continuous operating time exceeding 1 minute in10 minutes;
(h) the manual operating (opening and closing) force of the door by hand exceeding 20kg;
(i) weight exceeding amounts listed in table above;
(j) the door used with the product not being in safe working order and condition;
(k) any modification to the product or acts of any person in respect of the product which are not authorized by ATA; or
(l) radio or electrical interference or lack of availability of signal.

4. OTHER CONDITIONS

(a) This Warranty is not transferable.
(b) The warranty period stated in the table will not be extended for Products or parts repaired or replaced during the relevant warranty period.
(c) Where the Product is sold by any person other than ATA, except for the warranty set out above, such person has no authority from ATA to give any warranty or guarantee on ATA's behalf in addition to the warranty set out above.

5. STATUTORY GUARANTEES OR WARRANTIES IN AUSTRALIA

If you are a consumer under the Australian Consumer Law, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
This warranty certificate and other statements contained in this document or other ATA documents given to you do not exclude, restrict or modify the application of all or any of the provisions of the Australian Consumer Law.

Subject to your non-excludable rights under the Australian Consumer Law, ATA expressly excludes any liability for consequential loss, incidental or indirect damages (including but not limited to damages for loss of business profits, business interruption and loss of business information) due to a defect of the Product. In particular, any loss or damage caused to other equipment or accessories used with the product or any loss resulting from a delay in repair is excluded to the extent permitted by law.