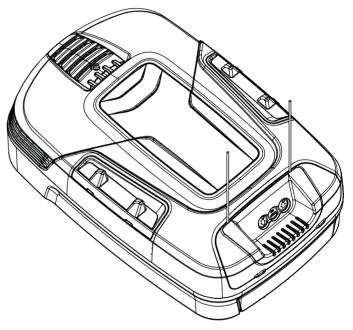
aut^omatic TECHNOLOGY

ATS Series Sectional Door Opener Installation Manual



TEMPO ATS-2 SECTIONAL DOOR OPENER



SYNCRO ATS-3 SMART SECTIONAL DOOR OPENER



Doc # 160420_04 Released 22/04/21

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WARNING! IMPORTANT SAFETY INSTRUCTIONS FOLLOW ALL INSTRUCTIONS SINCE INCORRECT INSTALLATION CAN LEAD TO SEVERE INJURY.

- before installing the drive, remove all unnecessary ropes or chains and disable any equipment, such as locks, not needed for powered operation;
- before installing the drive, check that the door is in good mechanical condition, correctly balanced and opens and closes properly;
- install the actuating member for the manual release at a height less than 1,8 m;
- install any fixed control at a height of at least 1,5 m and within sight of the door but away from moving parts;
- permanently fix the labels warning against entrapment in a prominent place or near any fixed controls;
- permanently fix the label concerning the manual release adjacent to its actuating member;
- after installation, ensure that the mechanism is properly adjusted and that the drive reverses when the door contacts a 40 mm high object placed on the floor.
- necessary information for the safe handling of a drive weighing more than 20 kg. This information shall describe how to use the handling means, such as hooks and ropes;
- the drive must not be used with a door incorporating a wicket door (unless the drive cannot be operated with the wicket door open);
- after installation, ensure that parts of the door do not extend over public footpaths or roads.
- vertical doors and gates need an anti-drop feature or device;
- information if a hazardous part of the drive is intended to be installed at a height of at least 2.5 m above floor level or other access level;
- except for horizontally moving pedestrian doors, ensure that entrapment due to the opening movement of the driven part is avoided

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!

ELECTROCUTION!

- 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.

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.

	 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 Crush injury from unsecured	 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. Place a 2 metre exclusion zone around area under the door while it is unsecured.
door	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

2.1 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.

2.2 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. When the door is fully closed it should raise itself by 10cm off the floor. Re-tension door if necessary.
- 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.

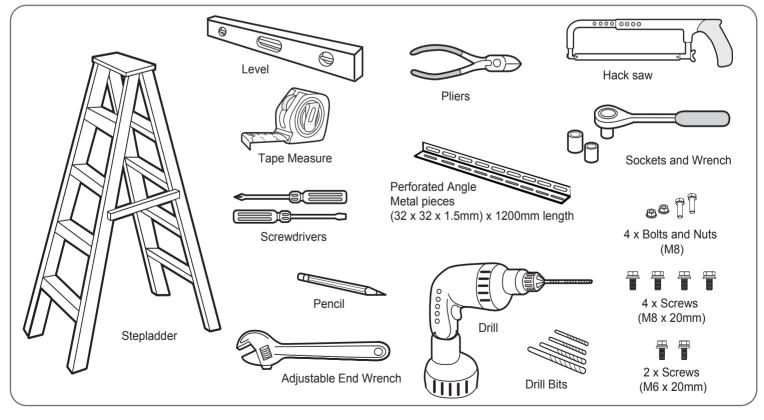


DO NOT DO IT YOURSELF:

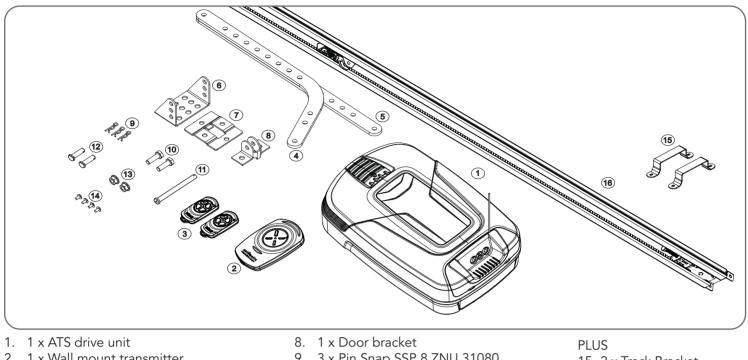
If any of the above door requirements are not met, DO NOT attempt to fix yourself. Please contact a garage door professional. (P) 13 62 63



3. Tools Required



4. Kit Contents



- 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

- 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

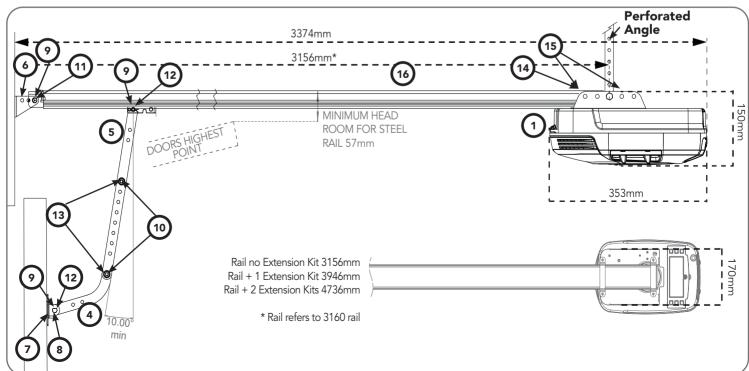
15. 2 x Track Bracket

16. 1 x Pre-Assembled Rail

5. Position

5.1 The Opener:

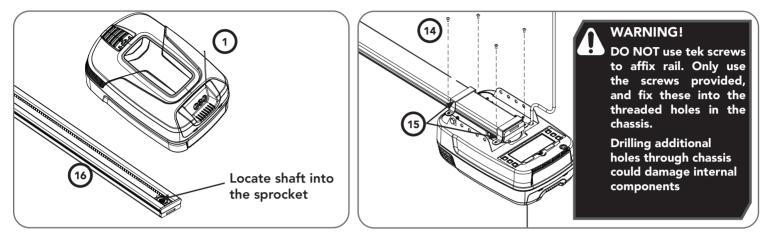
- a. MUST BE installed in a dry position, protected from weather.
- b. REQUIRES properly earthed 3 pin single phase power on the ceiling within an arms length of the opener.
- c. Requires a MINIMUM HEADROOM of 57mm between the highest point of the door's travel and the ceiling.
- d. Use the diagram below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



6. Fit the Opener

6.1 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.



7. Bracket Position

7.1 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.



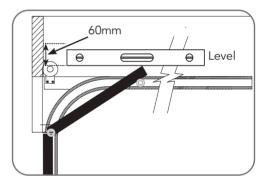
DO NOT DO IT YOURSELF: If sufficient structural support can not be found, contact a door professional for installation.

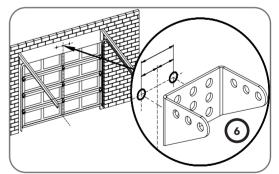
7.2 Mounting The Wall Bracket:

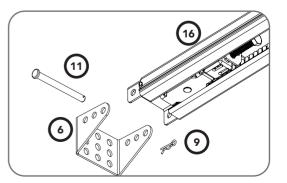
- a. Draw two lines extending 21.5mm from each side of the centre point.
- b. Centre the wall bracket 6 over the intersection of these two lines. Mark centres for at least two holes and ensure it is into a solid mounting point.
- c. Drill holes in the wall with an appropriate bit.
- d. Secure to the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

7.3 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).



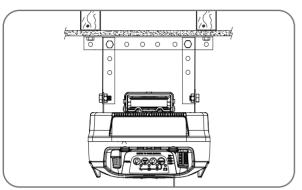




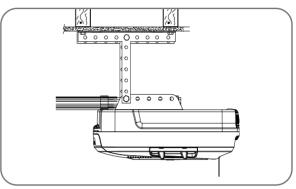
8. Perforated Angle (Not supplied)

8.1 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

2 x shorter perforate L shape metal drop down strips.

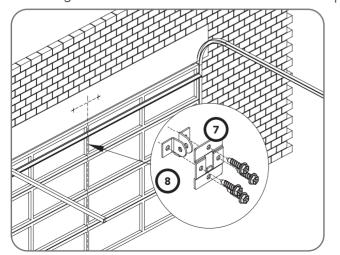


9. Mounting Brackets and Arms

9.1 Mounting The Door Bracket:

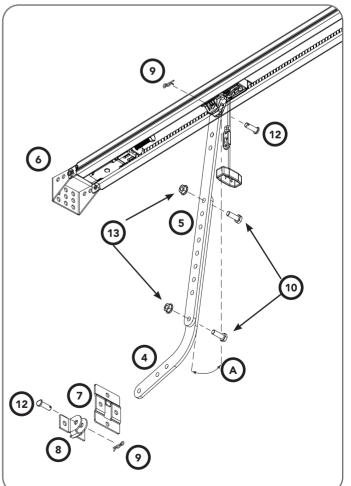
- a. The door bracket locator (7) is placed over the door bracket
 (8), on the door's centre line one-third down the top panel and mounted using M6 or equivalent screws (not supplied),
 b. STEL DOORS (NUX) Product can be worlded in place.
- b. STEEL DOORS ONLY: Bracket can be welded in place.

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.



9.2 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 spap (9). Always use h



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. Safety Beam Kit (ATS-3 Only)

WARNING! The Opener must be fitted with Safety Beams if:

- the closing force at the bottom edge of the door exceeds 400N (40kg) and/or;
- the opener has a smart device fitted to operate the door, when not in line-of-sight.

CAUTION! The Safety Beam must be installed and connected before the travel limits are set.

10.1 Assemble the Mounting Bracket

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.

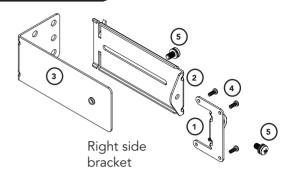
- a. Attach the PE 2000TS Bracket (1) to the Safety Beam Transmitter (TX) using four (4) M3 x 5 Taptite screws (4).
- b. Connect the mounting bracket (3) to the adjustment bracket (2) with two (2) of the M5 x 10 Pan Head Screws (5).
- c. Repeat steps (a) and (b) to assemble the Safety Beam Receiver (RX).
- d. Mount the receiver on the side of the doorway in shade and the transmitter on the other side in line with the receiver. The mounting surface should be rigid. Affix with a minimum of four (4) screws (not supplied).

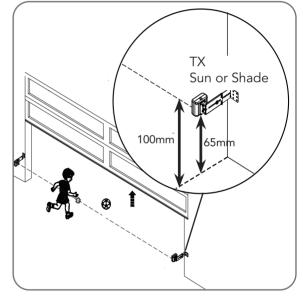
10.2 Mounting the Bracket

The transmitter and receiver need to be placed in line of sight, with the beam 100mm above the ground level (as per AS/NZS 60335-2-95:2020). This can be achieved by ensuring the bottom of the receiver and transmitter are 65mm above ground level. They should also be placed as close as possible to the door opening with the receiver (RX) in shade and the transmitter (TX) in sun or shade.

10.3 Connect the Safety Beams

Refer to the Safety Beam installation manual inside the kit for wiring diagrams, battery installation and how to connect the specific safety beam.





11. Specifications

Technical Specifications	SYNCRO ATS-3V2	TEMPO ATS-2V2
Rated voltage range:	230V - 240V	230V - 240V
Rated frequency:	50Hz / 60Hz	50Hz / 60Hz
Rated power input:	225W	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	18m² 236kg*	18m² 200kg*
Minimum headroom	57mm	57mm
Rated Operating Time	4 mins	4 mins
Rated Temp	+5°C to +40°C	+5°C to +40°C
Short Term Peak force:	1100N	1100N
Rated load	400N	400N
Nominal force	200N (20kg)	200N (20kg)
Receiver type	Multi-frequency UHF	Multi-frequency UHF
Receiver code storage capacity	64 X 4-button Transmitters	64 X 4-button Transmitters
Transmitter battery	CR2032 (3 Volts)	CR2032 (3 Volts)
Main light	LED (Light Emitting Diodes)	LED (Light Emitting Diodes)
Network connectivity	Network ready, Smart hub already installed	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.

12. Setting Limits



CAUTION! Limit setup is not available when running on battery backup



Refer to Appendix G for setting limits via a transmitter. NOTE - Speed of the opener can not be adjusted when using this method.

12.1 Set the Limit Positions and adjust drive speed:

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. For tilt doors (J-Type only), please refer to Appendix F for initial setup.

a. Switch power on, the beeper will sound twice and the BLUE

LED on the CLOSE button will start to flash and the GEAR $\overset{\bullet}{\textcircled{\sc O}}$ 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:

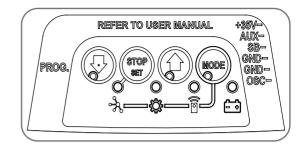
- i. Press and hold the CLOSE button 🤡 to start closing the door, taking note of the speed the door moves.
- ii. If the close speed is not suitable, to make a change, press and hold the CLOSE button and by pressing the STOP / SET button on the opener it will cycle through all three speed modes as shown 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 beeper will sound once and the GREEN LED on the OPEN button will now flash.





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

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.

of the garage opening.

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

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

- vi. If the door overshoots, press the CLOSE button 🤎 to move the door in the CLOSE direction.
- 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.



Refer to Appendix B & C for adjustments to margins.

12. Setting Limits

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

12.2 Clearing the Door Limit Positions

Limit positions can be deleted by:

- a. Press the MODE button repetitively until the GEAR ^C LED is lit.
- b. Press and hold the MODE button for 10 secs, let the MODE button go when the beeper stops and 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, remembering to reset the tracklock.

12.3 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.

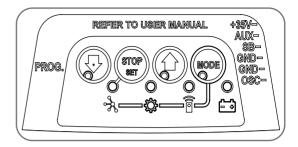
12.4 Controller memory reset

To clear the controller by:

- a. Pressing and holding MODE button for 10secs while in limit set mode will cause all control memory to be set to factory defaults.
- b. This excludes transmitters, history log and cycle counters.



If limits are already set, clear limits first by using 12.2 Clearing the door limit positions and then clear controller via 12.4 Controller memory reset.



13. Safety Testing

13.1 Test the Close Cycle

- a. Press the OPEN button (i) 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 approximately 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.

13.2 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 diesengage the motor and contact 1300 769 850 for support.

13.3 Test the Manual Door Operation

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

- a. 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.
- b. Fasterners: Check all screws, nuts and bolts to ensure they are secure.
- c. Spring Tension: It is natural for springs to lose tension. Should the door become hard to operate or completely inoperative, contact a door professional.
- d. Guide Tracks: Clean the internal sections of the guide tracks every 3 - 6 months with a cloth dampened with mineral turps or methylated spirits.
- e. 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.

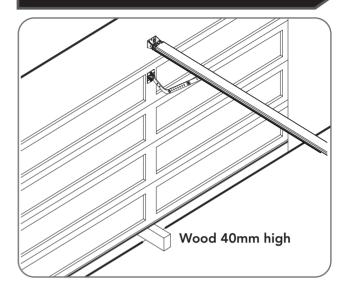
13.4 Test the Battery Backup

- a. Press either the OPEN or CLOSE button to test the battery backup installation.
- b. Whilst door is in motion, disconnect mains power. The door should continue to operate as normal.
- c. Press either the OPEN or CLOSE button to activate the door. Whilst door is in motion, reconnect power. The door should complete the cycle as normal.



Refer to Appendix A for LED status indicators for the Battery LED.

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



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

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



When running from mains power and in operating mode, the battery condition can be tested by pressing and holding the STOP button for 4 secs.



CAUTION! ATA App operation when power is out will depend on availability of Wi-Fi connectivity

14. Auto-Close & Accessories

14.1 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.

To enable the Auto-Close function:

- a. Press the MODE button repetitively 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) کیک	Value options = Indicated by brightness of main light (DEFAULT parameter underlined)			ess of rlined)		
Name	Flashes	1	2	3	4	5	6
PE AUTO-CLOSE	2	<u>OFF</u>	15sec	30sec	60sec	90sec	-
AUTO-CLOSE	3	OFF	15sec	30sec	60sec	90sec	120sec

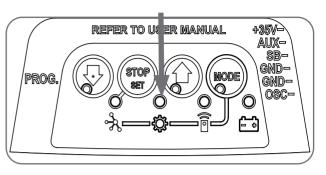
14.2 Terminal Block

Wired accessory items can be connected to the terminal block **J4**. Terminal connections from top down are as follows:

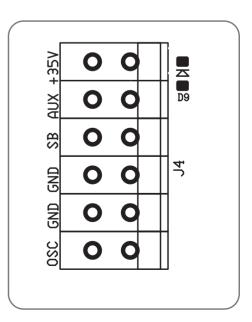
- a. **+35V** (Auxillary)
- b. AUX (Auxillary)
- c. **SB** (Safety Beam input, mandatory);
- d. GND (Common ground for accessories and Safety Beam);
- e. GND (Common ground)
- f. OSC (Open/Stop/Close trigger)

14.3 Connecting or Disconnecting Accessories

When disconnecting or reconnecting accessory base station modules (Wireless PE Beams) press the MODE button on the opener repetitively until the GEAR LED is on, then press the STOP / SET button until the main courtesy light stops flashing.



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



15. Coding a Transmitter

15.1 Storing the Transmitter Code

The opener can only be 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 repetitively until the TRANSMIT LED is lit.
- b. Press and HOLD the button/s indicated in the table to set the required transmitter function. The opener will start to flash rapidly and beep.
- c. Press one of the four (4) buttons on the transmitter until the beeper and 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. Press the MODE button to exit. The transmitter button is now coded, press to test.

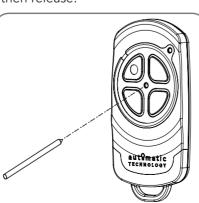
NOTE: Refer to the Light indicator table for the details of the transmitter status.

MAIN LIGHT & BEEPER	TRANSMITTER STATUS
Light ON & 2 short beep	Button added
Light OFF & 2 short beep	Button removed
Light 2 FLASHES, then OFF & 2 long beeps	Remote control deleted
4 FLASHES, then OFF & 4 long beeps	Memory full

15.2 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 until the unit starts flashing and beeping.
- c. Within ten (10) seconds take the additional transmitter you wish to code. Hold the new transmitter's button for two seconds the unit will flash and beep faster, then release for two seconds
- d. Press and hold again for two seconds until the flashing and beeping stops and then release.
- e. The opener will falsh and beep to indicate result. (see table above)
- f. Wait for ten (10) seconds and then press the new transmitter's button to test.



	BUTTON		
TRANSMITTER FUNCTION		STOP	
Open / Stop / Close	HOLD		
PET (Pedestrian) Mode		HOLD	
Open			HOLD
Light	HOLD	HOLD	
Vacation Mode	HOLD		HOLD
Aux Output		HOLD	HOLD

* The button coded for open only function can close the door if you hold the button for 4 seconds, when the door is fully open..

15.3 Erasing All Transmitter Codes

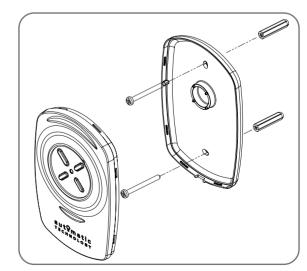
- a. Press the MODE button repetitively until the TRANSMIT LED is lit.
- b. Press and hold the MODE button for 10 secs, let the MODE button go when the beeper and main light stops flashing.
- c. Follow steps a e in Storing the Transmitter Code to code new transmitters.

15.4 Vacation Mode

- a. To turn on Vacation mode and lock out all remotes, press the button on the remote programmed with Vacation Mode for 4 seconds.
- b. To turn off Vacation Mode, press the transmitter button programmed to vacation mode to turn off.

15.5 Installation of the Wall Mounted Transmitter

- a. Store the transmitter code as per instructions in 15.1 or 15.2.
- b. Test the transmitter button.
- c. Mount the transmitter in a convenient location, yet out of reach of children and at least 1.5m off the ground.
- d. Make sure the door is visible from this location.



16. Smart Phone Control (ATS-3 Only)

This device allows for operation of the door when not in line-of-sight of the door and opener.

The door may operate unexpectedly, therefore do not allow anything to stay in or near the path of the door. When the door is not operating automatically, watch the door when it is moving and keep people away until the door is completely opened or closed. Contact with the moving door can cause serious personal injury or damage to property.

It is our strong recommendation that your opener be fitted with **SAFETY BEAMS**. Safety Beams detect any obstructions in the door/gate's path and override automatic operation if one presents. These must be installed as in accordance with AS/NZS 60335-2-95:2020.

This is in addition to regular professional servicing, and monthly obstruction tests as detailed in Section 12.

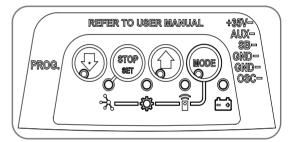


Ensure limits are set prior to connecting to Wifi.

16.1 Connecting to Wifi

The Smart Phone Control works via your home's WiFi network. Initial set up involves linking your phone app, smart hub and opener to your home network.

- a. Download the ATA App.
- b. Ensure the WiFi router is within range of the opener.
- c. On the opener press the MODE button repetitively until the NETWORK
 - 🚴 LED is lit.
- d. Press and hold the OPEN button on the opener for 4 seconds. The NETWORK ^A LED will turn purple when Hot Spot is Active.
- e. Go to phone settings, then WiFi and select (ATA000000).
- f. Open App and tap on Start.
- g. Select setup a new Smart Hub
- h. When Smart hub hotspot connection appears, select $\mathsf{OK}\xspace$ got it.
- i. Ensure WiFi network = (ATA000000) then select connect to hub.
- j. The opener main light and a red NETWORK $^{\sim}$ LED will start to flash.
- k. Press STOP / SET button on the opener.
- I. Name your smart hub on the app and select SAVE.
- m.Set the time zone and SAVE.
- n. Create an admin user and select "OK got it".
- o. Fill in name and password and select $\ensuremath{\mathsf{CREATE}}$.
- p. Fill in email and security question or select skip this step and select SAVE.
- q. Select the push notification and select SAVE.
- r. Select and connect to WiFi. Choose your home WiFi and fill in password and select connect.
- s. The NETWORK $\stackrel{\sim}{\sim}$ LED will change to solid blue.
- t. Now you can test the app.



17. 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.

WARNING! IMPORTANT SAFETY INSTRUCTIONS IT IS IMPORTANT FOR THE SAFETY OF PERSONS TO FOLLOW ALL INSTRUCTIONS. SAVE THESE INSTRUCTIONS



- Automatic Door the door may operate unexpectedly, therefore do not allow anything to stay in the path of the door.
- Details on how to use manual release. 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.
- **<u>DO NOT</u>** 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.
- Frequently examine the installation, in particular check cables, springs and mountings for signs
 of wear, damage or imbalance. <u>DO NOT</u> use if repair or adjustment is needed since fault in the
 installation or an incorrectly balanced door may cause injury.

ELECTROCUTION! • Place opener in protected area so that it does not get wet.

- **DO NOT** spray with water .
- **DO NOT** open the protective covers.
- **<u>DO NOT</u>** operate opener if cable is damaged. It must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- Disconnect the supply(s) when cleaning or other maintenance is being carried out.



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. <u>DO NOT</u> attempt any garage door adjustment. <u>DO NOT</u> use if repair or adjustment is needed. Call for a professional garage door service.
- This product contains a lithium button/coin cell battery in the transmitters. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as 2 hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the battery and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, **SEEK IMMEDIATE MEDICAL ATTENTION**.



CAUTION:

BATTERY

WARNING!

Emergency access

Entrapment under operating door

- 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.
- 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. Keep remote controls away form children.
- The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- Children being supervised not to play with the appliance.
- Regularly conduct Open and Close cycle testing.
- Each month check that the drive reverses when the door contacts a 40mm high object placed on the floor. Adjust if necessary and recheck since an incorrect adjustment may present a hazard.
- 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).
- 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.
- 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.

Entanglement in or laceration from moving door

Fall from Ladder

18. Opener Safety & Security

18.1 Your Door CAN NOT be used by the opener when:

- a. There is a locking device installed.
- b. There is a power failure.

18.2 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.

18.3 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.

18.4 To Re-Engage the Opener:

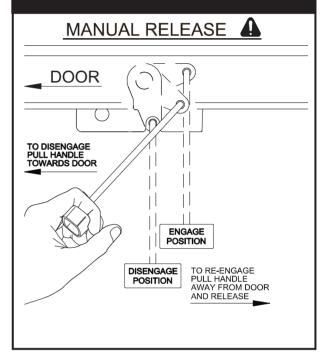
- a. Check the door has not been locked by a locking device.
- b. Pull the manual release cord away from the door, until you hear a click.
- c. The door will now operate from the opener.

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.



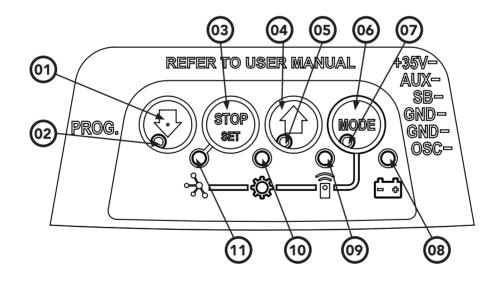
19. Operating your Opener

19.1 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.

20. 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 (ATS-3 Only)	Is a dual colour LED. Illuminates purple when hot spot active, blue when connected to cloud and red when in production mode. Flashes different colour depending on the activity.



21. 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 hairdryer) 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 15)
	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
but the other/s do not	Flat battery	Replace battery
The chain / belt moves but the door remains stationary	The opener is disengaged	Re-engage the opener
Motor is running but chain / belt is not moving	Damage motor assembly	Contact your dealer for support.
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, battery need changing)
	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.
Door will not close	Safety Beam not working	To access safety close mode, hold the transmitter button to close for 6 seconds and continue to hold while the door closes.
	Safety Beam battery flat	Check Safety Beam
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 hours to reach their maximum charge capacity.
The CLOSE (Blue) LED is flashing	Limits are not set	Set Up Limits (Section 12).

21. Troubleshooting

Main Light = Service / Warning Indicator:

Requirements for a service and user warnings are indicated after operation by the main light repeatably flashing OFF a number of times followed by a pause. When the alert is first triggered the beeper will also sound The below table identifys the issues and remedies.

Flashes	Issue	Remedy
	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.
	NOT AVAILABLE	
★ × 4	Wireless PE battery is low	Change PE Battery
	NOT AVAILABLE	
	Maintenance is due after pre-set number of cycles.	Contact dealer to arrange service.
	Backup battery is faulty	Contact 1300 769 850 within Australia for assistance
	Door has hit an obstruction	Clear away any obstructions and test door opens/closes correctly. (If door is damaged, contact your door professional)
(*) x 9	Motor has 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.
	Battery backup activated - mains power is off	Main light will flash (3) three times at the start of the cycle to indicate opener is running from battery backup and 10 flashes at the end of cycle. Check power supply.

Main Light = FAULT Status Indicator (when MODE is on):

When MODE is ON, light flashes indicated number of times. When first triggered, the beeper will sound the indicated number of beeps. Attempting to operate the door will result in the beeps being heard again. The below table identifys the issues and remedies.

Flashes	FAULT
x 2 or x 3	Failed while profiling door after setting limits. Can be caused by any event which cause door to stop. For example P.E beam being blocked on closing, hit an obstruction, etc. Also can occur if battery is activated.
* x 4 or x 5	Position Fault
	Motor driving in wrong direction
	Memory fault
	Motor current sensor fault.

Connecting or Disconnecting Accessories:

When disconnecting or reconnecting accessory base station modules (Wireless PE Beams) press the MODE button repetitively until the GEAR LED is on, the press the STOP / SET button until the main courtesy light stops flashing.

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 1300 769 850 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.?
- What is the current light status on the opener?
 Manually disengage the door
- (Section 18). 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)

22. After Installation Care

22.1 Service Checklist

Preventative servicing of your garage door and opener, is just as important as servicing your car. Much like the engine of your car, your garage door is made up of numerous moving parts designed to lift and lower your door safely and efficiently.

Ongoing preventative servicing ensures that your door continues to function within factory specifications, greatly reduces the risk of failure and repair bills down the track and ensures you maintain your Warranty.



Run the Safety Testing procedures MONTHLY in Section 13 to ensure garage door is fit for use.

WARNING! Failure to maintain your garage door voids 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.

TECHNICIAN CHECKLIST

- 1. Lubrication of the critical moving parts including chain drive, tracks, wheels or cable drum.
- 2. Tightening of door mounting points along with door bolts, screws, cables and connectors.
- 3. Adjustment of spring tension to limit 'spring fatigue'.
- 4. Adjustment of opener travel limits and force margin to ensure the door opens and closes to specification.
- 5. Assessment and adjustment of safety components and accessories including safety beams, Auto-Lock and Safe Lock (if installed)
- 6. Assessment of the door alignment and the diagnosis of irregular operation remedies.
- 7. Record Cycle count at each service to establish next date of service (as per table)

	(12 months a	/ICE 1 fter installation) cycles)		ICE 2 r installation)	SERVICE 3 (5 years after installation)		
DATE:							
BUSINESS NAME:							
TECHNICIAN NAME:							
PG3 COUNTERS	OPEN	CLOSE	OPEN	CLOSE	OPEN	CLOSE	
STALLS							
OBSTRUCTIONS							
SENSOR FAULTS							
OVERLOADS / CUT-OUTS							
WARRANTY CYCLES							
FIRMWARE UPDATE AVAILABLE? IF 'YES' PLEASE UPDATE FIRMWARE	YES	NO	YES	NO	YES	NO	
CURRENT FORCE MARGIN							
TECHNICAL SIGNATURE:							

		ICE 4 r installation)	SERVICE 5 (9 years after installation)			
DATE:						
BUSINESS NAME:						
TECHNICIAN NAME:						
PG3 COUNTERS	OPEN	CLOSE	OPEN	CLOSE		
STALLS						
OBSTRUCTIONS						
SENSOR FAULTS						
OVERLOADS / CUT-OUTS						
WARRANTY CYCLES						
FIRMWARE UPDATE AVAILABLE? IF `YES' PLEASE UPDATE FIRMWARE	YES	NO	YES	NO		
CURRENT FORCE MARGIN						
TECHNICAL SIGNATURE:						

22. After Installation Care

22.2 Battery Replacement

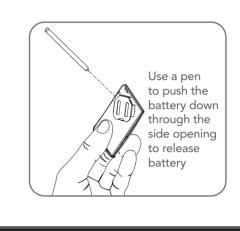
Battery Type:

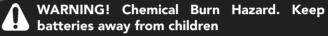
3V Lithium Battery CR2032.

a. 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	ОК
Flashing	Requires replacement
No light	Requires replacement

- b. Use a screwdriver to remove the screw on the back of the transmitter casing.
- c. Use the screwdriver to pry open the plastic to expose circuit board.
- d. With a non-metallic object (e.g. pen) remove the battery.





22.3 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.

WARNING! The Battery shall be disposed of properly, including keeping them away from children. Even used batteries may cause injury.

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).

22.4 Warranty

Warranty conditional on proper servicing as listed in 22.1 Service Checklist. Full details of the warranty are available in your Owners Opener Handbook, from your nearest ATA office or visit the ATA Website <u>ata-aust.com.au</u>.

23. Appendix A - Status Indication during Operating Mode.

A - Status I LEDs			ght Status	erating	INIOUE	Indicates		
	BLUE GREEN		YELLOW RED		PURPLE			
DOOR OPEN AND CLOSED LEDS								
		solid				Open		
		rapid 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			MODE					
			flashing			Load Diagnostics mode		
BATTERY LED			o F¢					
			off			Battery not used / not fitted		
			solid			Battery charged		
			flash 2 secs			in use (holding STOP for 10s will shutdown)		
			flashing			Battery charging, when connected to power		
			rapid flashing			Battery failed / fault		
REMOTE CONTROL	STATUS LED							
				flashing		Remote lockout from vacation mode		
	Ä			rapid flashing		Remote Control Activity		
NETWORK LED	۵ م			୍କ କ	Å			
					flashing	Hot Spot Turning On		
					solid	Hot Spot Active		
	1 flash then pause					Connecting to Wi-Fi		
	2 flashes then pause					Connected to Server		
	solid					Connected to Cloud		
	flashing					Software Updating		
	flicker					Status update / Command received		
				On		Wi-Fi Disabled		
				flashing		Requires confirmation from user		
	alternate			alternate		Rebooting		

B - Adjustment Mode Instructions

- a. Press the MODE button repetitively 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. If no beep is heard when the button is pressed, then the minimum or maximum setting has been reached.



Pressing the MODE button when a parameter is being adjusted will load the default value.

- e. Press STOP / SET button to save the parameter's new value or press MODE to leave the value unchanged. Operating MODE is entered after 5secs unless a new adjustment is started or saved.
- f. Continue from a. above to select another parameter or press MODE to exit adjustment mode.

Parameter	<u>ہ</u>	Value options = Indicated by brightness of main light (DEFAULT parameter underlined)						When parameter edit me is active, if any button of than MODE is pressed, t when MODE is pres again, operating mode be selected instead of				
Name	Flashes	1	2	3	4	5	6		NETW		adjustn	
MARGIN	x1	<u>1.0A</u>	1.2A	1.4A	1.6A	2.0A	-		mode.			
PE AUTO-CLOSE	x2	OFF	15sec	30sec	60sec	90sec	-					
AUTO-CLOSE	x3	OFF	15sec	30sec	60sec	90sec	120sec					
LIGHT TIMER	x4	30sec	60sec	90sec	120sec	<u>180sec</u>	240sec					
AUX OUTPUT	x5	Mimic light	<u>1sec</u>	30sec	60sec	120sec	180sec	240sec	300sec	600sec	toggle	

AUX OUPUT

Configures how the AUX Output operates. If configured for Mimic light mode then the AUX output will activate whenever the main light output is on. All other settings require either a remote control code set to the AUX function or the Phone App to be used to activate the output. The time settings option indicate how long the output will remain on when triggered. If the output is already on then a 2nd trigger will turn the output off. The toggle On/Off setting does not use a timer and the output simply change's state on each trigger.

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 repetitively until the GEAR $\stackrel{\scriptstyle{\scriptstyle{\underbrace{\rm W}}}}{\scriptstyle{\scriptstyle{\underbrace{\rm D}}}}$ 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

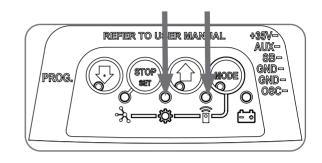
TRANSMIT $\overline{\mbox{0}}$ LED will be lit and the GEAR $\overline{\mbox{0}}$ LED will flash once every second.

d. By pressing the OPEN button will increase the force pressure and CLOSE button will decrease the force - Main light will dim

and CLOSE button V 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

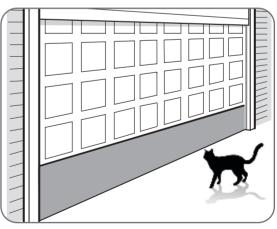


- a. Holding the STOP button for 10secs when running from battery backup will shut the PCB down so as to reduce battery current consumption to a minimum.
- b. Holding the STOP button for 4secs when a battery is fitted and running from mains power will cause the controller to test the battery state to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

E - Setting 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 repetitively until the GEAR 🧐 LED is lit.
- c. Press OPEN button (i) to save PET position Main light will flash, the beeper will beep and both OPEN and CLOSE LED will light up.



F - Setting up Tilt Door

Prior to limit set up, the opener can be set to J-Type Tilt Profile. This process allows the opener to pre-set to J-Type settings where the limit is not greater than 1500mm. If J-Type is selected, the speed is customised and cannot be changed.

- a. Press the MODE button repetitively until the GEAR ^{OB} LED starts flashing.
- b. Press and hold STOP / SET button for 2 seconds to check the door type, until the main courtesy light turns solid ON or OFF.
 - Main courtesy light ON Tilt type (J-Type only)
 - Main courtesy light OFF Sectional type
- c. Press and hold STOP / SET for 6 seconds to change the door type, until the main courtesy light turns solid ON or OFF. If required, repeat step b to check the door type selected.
- d. Press MODE button to exit the door selection mode. Proceed to Section 12 to set the limits.

G - Setting limits via Transmitter



The SPEED setting on the opener can not be adjusted when setting limits via the transmitter. Follow section 12.1 to set limits and adjust speed.

a. Switch power on and the BLUE LED on the CLOSE button

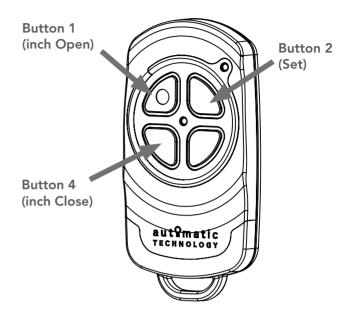
will start to flash to indicate that the opener is ready to set the Close travel limit

- b. Press the MODE button repetitively until the TRANSMIT ^{*} LED is lit.
- c. Press and HOLD the CLOSE button ^(W) 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:

- 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 CLOSE limit. 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.
- ii. If the door overshoots, press the OPEN button 1 on the remote to move the door in the OPEN direction.
- iii.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 OPEN limit. We recommend the OPEN limit position being the height of the garage opening
- ii. 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.

iii. 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.

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