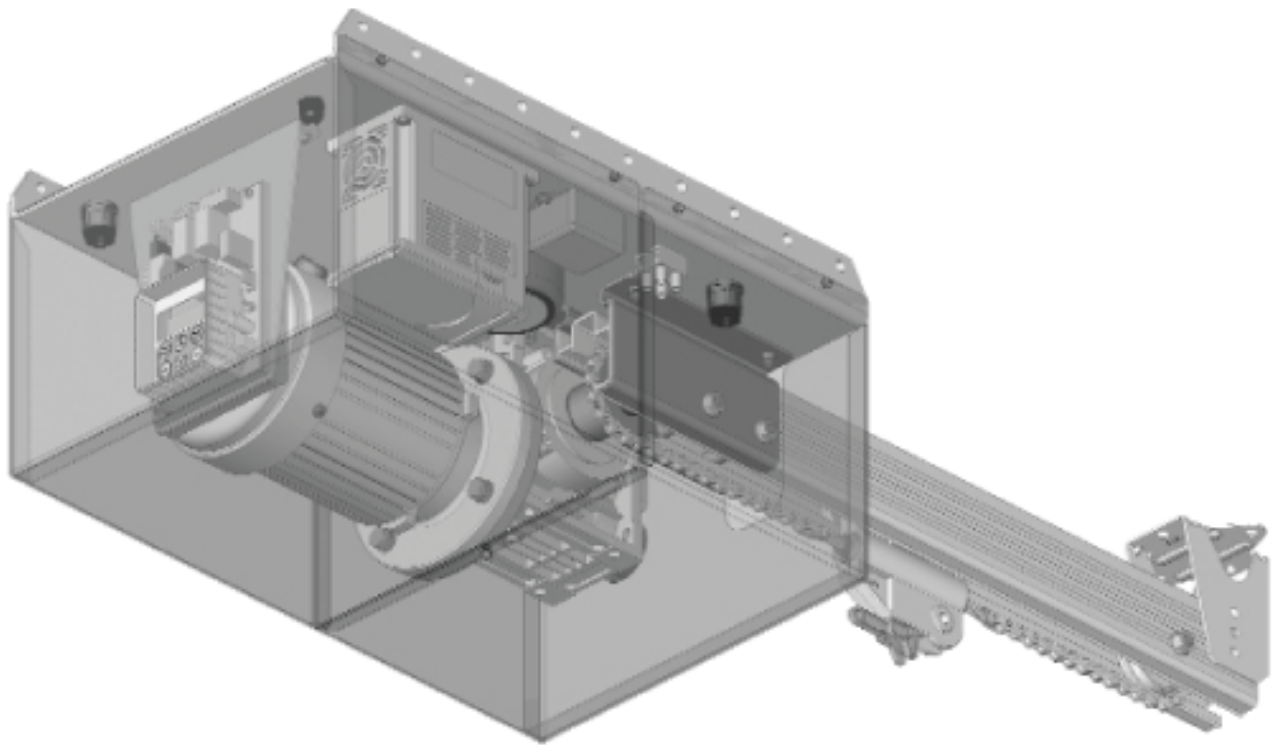


# Axess<sup>®</sup> Pro Series 1101

Commercial Overhead Garage Door Opener



Featuring **TrioCode™ 128** Technology

automatic  
TECHNOLOGY



**WARNING:** Electrical wiring must be in compliance with your local building and electrical codes.

**WARNING:** It is vital for the safety of persons to follow all instructions. Failure to comply with the installation instructions and the safety warnings may result in serious personal injury and/or property and remote control opener damage. Please save these instructions for future reference.

**NOTE:** For full automatic operation a Safety Beam (Photo Electric Beam Sensor) must be fitted to the logic console with this opener. Failure to comply will void the warranty and may cause serious personal injury and/or property damage.

Automatic Technology (Australia) Pty Ltd to the extent that such may be lawfully excluded hereby expressly disclaims all conditions or warranties, statutory or otherwise which may be implied by laws as conditions or warranties of purchase of an Automatic Technology (Australia) Pty Ltd industrial roller shutter opener. Automatic Technology (Australia) Pty Ltd hereby further expressly excludes all or any liability for any injury, damage, cost, expense or claim whatsoever suffered by any person as a result whether directly or indirectly from failure to install the Automatic Technology (Australia) industrial roller shutter opener in accordance with these installation instructions.

# Axess® Pro Series 1101

## Commercial Overhead Garage Door Opener

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# 1. Important Safety Instructions

The safety alert symbols below indicate a personal safety or property damage instruction exists. **READ THESE INSTRUCTIONS CAREFULLY.**

This automatic shutter opener is designed and tested to offer safe service provided it is installed and operated in strict accordance with the following safety rules. 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.
- For **Safety** protection, a Safety Beam **must** be fitted with logic console. Failure to comply will void the warranty and may result in serious personal injury and/or property damage .
- The drive must not be used with a shutter 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** allow children to operate the opener. Any device that can operate the opener, make sure it is out of reach of children and that the doorway is in full view at all times. Serious personal injury and/or property damage can result from failure to follow this 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
- When using auto close mode, a **Safety** (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.
- Electrical wiring must be compliance with the local building an electrical codes.

# 1. Important Safety Instructions



## CAUTION:

Emergency access

Entrapment under  
operating door

Installation

Security

Entanglement in  
moving door

- If your facility has no pedestrian entrance door, an emergency access device should be installed.
- **DO NOT** operate the opener unless the door is in full view and free from objects such as cars and children/people. Make sure that the shutter has finished moving before entering or leaving the premises.
- Do not allow children to play with door controls or transmitters.
- 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 **damage** or **injury**.
- Ensure the door is in good working order by undertaking regular servicing.
- For **ADDITIONAL SAFETY** protection we **STRONGLY** recommend the fitting of a Safety (Photo Electric) Beam.
- Safety beams must be installed if the closing force at the bottom edge of the door exceeds 400N (40kg)
- Frequently examine the installation, in particular 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. **DO NOT** attempt to repair the shutter yourself as hardware is under extreme tension.
- The door must be well balanced and in good working order. door springs, brackets and their hardware are under extreme tension and can cause serious personal injury. Do not attempt to adjust them. A faulty door must be repaired by a industrial roller door professional prior to opener installation.
- **Remove or disengage** all door locks and mechanisms prior to installation of the opener.
- Ensure no parts of the door or installation extend over public paths or roads.
- After installation a full function **test of the system** and safety devices **must** be done.
- Make sure the door is fully closed before leaving the driveway.
- Keep hands and loose clothing clear of door and opener at all times.



# 2. Controller Input And Outputs

- 01 24VDC+ output for powering accessories 3A(max)
- 02 24VDC- output for powering accessories 3A(max)
- 03 Drive unit connections
- 04 Com Terminal for light or lock interface relay drive
- 05 Light interface relay drive
- 06 Lock interface relay drive
- 07 V+ PE Beam power
- 08 PE Input Terminal
- 09 V- PE Beam Power
- 10 COM terminal for inputs terminals 11-16
- 11 OPN N/O input terminal
- 12 STP N/O input terminal
- 13 CLS N/O input terminal
- 14 OSC N/O input terminal
- 15 SWP N/O input terminal
- 16 PED N/O input terminal
- 17 Console Exit Button
- 18 Console Previous Button
- 19 Console Down/Close Button
- 20 Console Up/Open Button
- 21 Console SET Button
- 22 Console Next Button
- 23 Antenna Connector
- 24 Console Display
- 25 Motor Speed Control Connector
- 26 Programmer Interface Connector
- 27 3 Ampere 240 Volt Fuse
- 28 Motor Control Connector
- 29 24V AC Power Supply Input Terminal

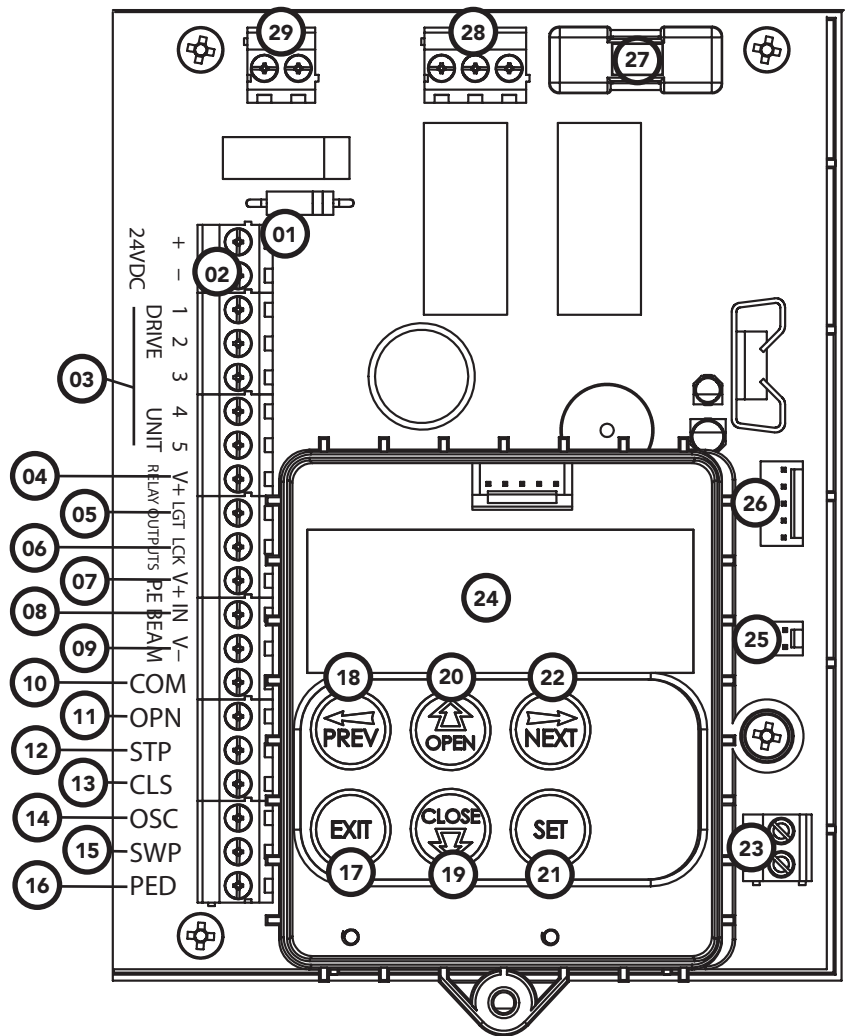
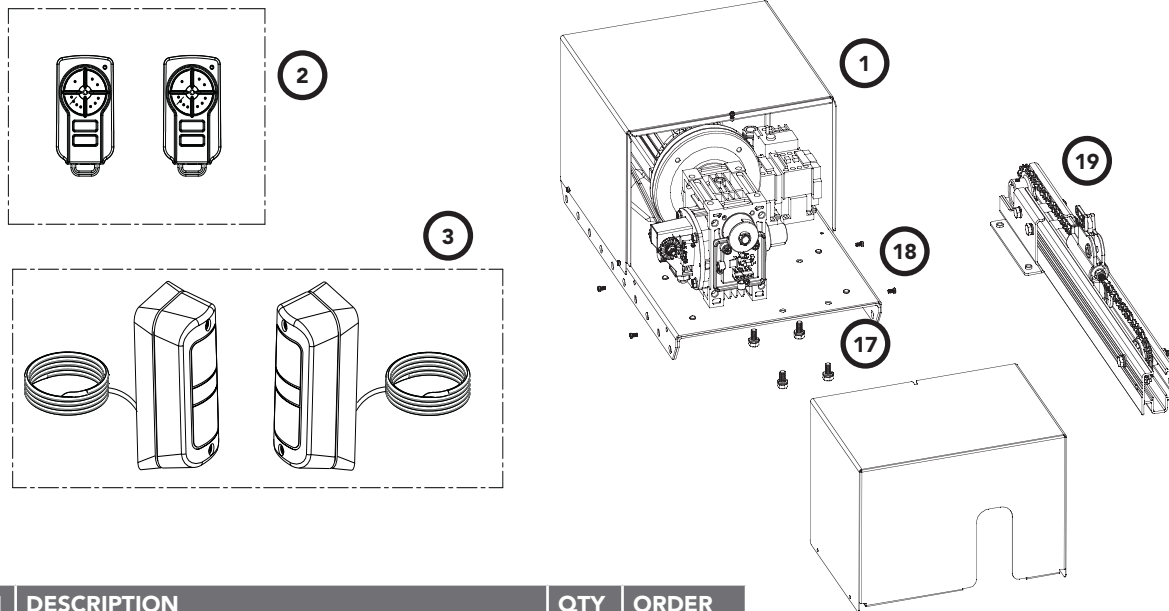


Fig 2.1



# 3. Kit Contents



ITEM	DESCRIPTION	QTY	ORDER CODE
1	POWER HEAD WV 3P 1101	1	92531
2	PTX-5V2 TC-128 TRANSMITTERS	2	61167
3	SAFETY BEAMS KIT PACK	1	61751
4	STRAIGHT ARM	1	62790
5	BENT ARM	1	62800

### ACCESSORY PACK IPDO-2 (92520)

6	NILOCK NUT M8	1	10860
7	FLAT WASHER	1	11020
8	SLEEVE 081246	1	64385
9	HEX HEAD SCREW M8 X 70	1	10088
10	WALL BRACKET	1	62525
11	DOOR BRACKET LOCATOR	1	62515
12	DOOR BRACKET	1	62511
13	PIN SNAP SSP 8 ZNU 31080	3	10720
14	HEX HEAD SCREW M8 X 25	2	10110
15	CLEVIS PIN 0829	2	62551
16	HEX SERRATION FLANGE NUT M8	2	10148
17	HEX HEAD SCREW M8 X 16	4	10120
18	SPRING WASHER	4	10950

### AXESS PRO TRACK KIT

19	AXESS PRO TRACK KIT 4M	1	92510
	AXESS PRO TRACK KIT 5.85M	1	92511

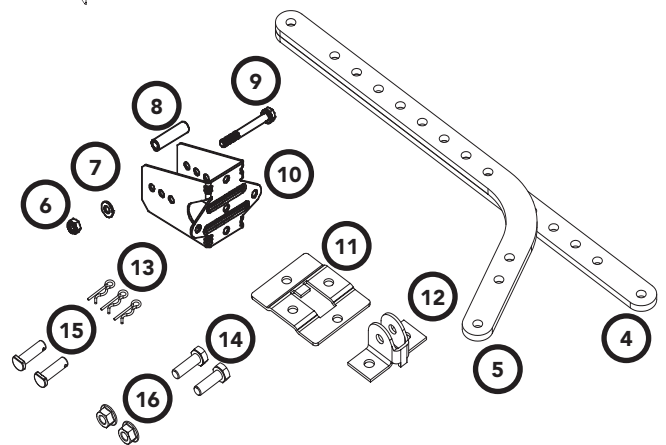


Fig 3.1



# 4. Pre-Installation Requirements



## IMPORTANT SAFETY INSTRUCTIONS FOR INSTALLATION

Warning: Incorrect installation can lead to severe injury.  
Follow ALL installation instructions.

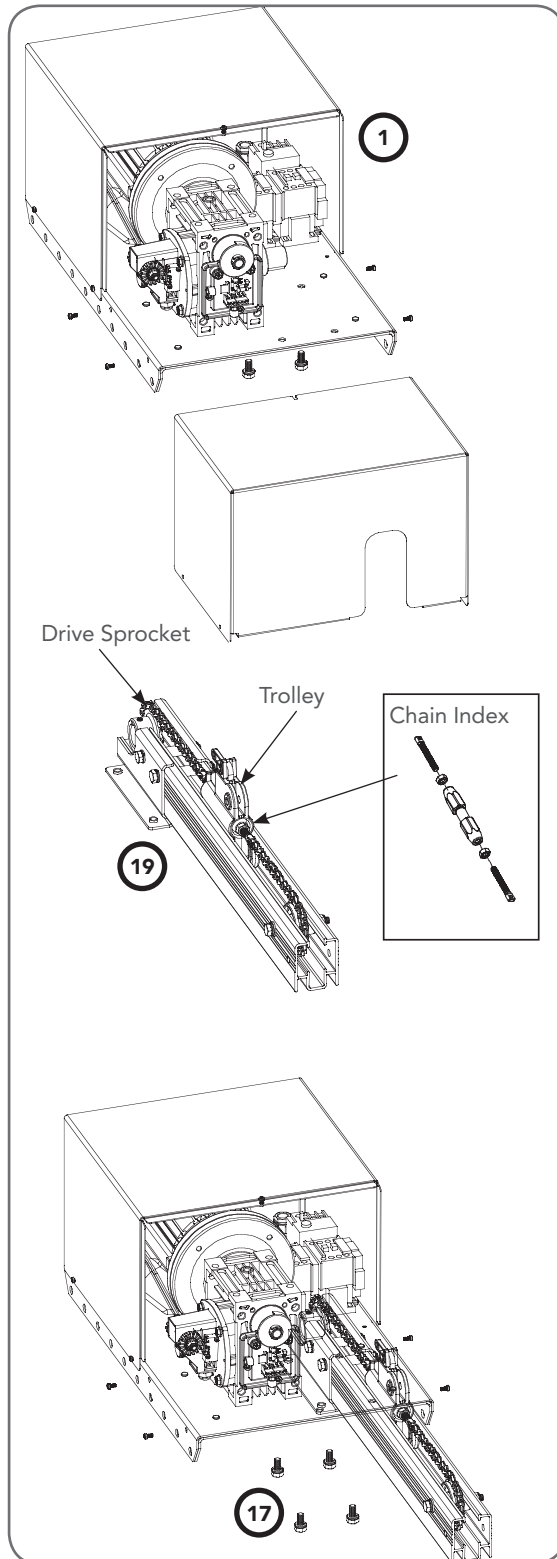


Fig 4.1

The Axxess® Pro Series 1101 is designed to operate most commercial heavy duty and heavy residential overhead doors. The door must be in good working condition and travel freely in the guides.

### 4.1 Initial Check

Before commencing installation, check the following:

- The door moves freely for the full travel in both directions.
- The mounting must be a solid construction (concrete, brick or steel) and must be able to withstand the full driving force applied to the door.
- There is a 240V 10 Amp power point located within one metre of the drive unit.
- Safety Beam must be installed. The Safety Beams should be positioned as close to the door as practicable.

### 4.2 Drive Unit Pre-assembly

The drive unit (1) and track assembly (19) are supplied as two separate parts. The drive sprocket is part of the track assembly.

- To connect track to the drive unit, remove the front cover.
- Disconnect the trolley from the chain index (**Fig 4.1**).
- Loosen tension on the chain. Do not disconnect the chain.
- Locate the sprocket keyway with keyway on the Reducer and slide it in place until the face of sprocket boss sits against the shoulder on drive shaft of the reducer.

**NOTE:** The whole track has to slide with the sprocket. It can be knocked on with a mallet or "helped" with a screwdriver.

- Once the sprocket is in position, lock cap head screw.
- Secure the track to drive unit with the four (4) M8 x 16 Hex Head screws (17).
- Tighten the chain and lock it with lock nuts.
- Connect the front cover to the drive unit.



# 5. Installation

## 5.1 Mounting The Drive Unit

- Determine the centre of the door and mark this point on the wall above (Fig. 5.1).
- Raise the door to the open position.
- Rest the opener on a support above the top edge of the door to allow for a 25mm gap between the shuttle and the door (Fig. 5.2).
- Mark the position of the wall bracket (10) on the wall above the door (Fig. 5.3).
- Secure the wall bracket (10) in place with loxins or appropriate fasteners (not supplied).
- Secure the opener to the ceiling above drive unit mounting holes, with perforated angle or similar (not supplied). Do not lock the screws at this stage.
- The door bracket comes in two parts. The door bracket locator (11) is placed over the door bracket (12) and uses 4 mounting holes for extra strength. Mount the door bracket to the centre line of the door (Fig. 5.4), using M6 or equivalent screws (not supplied) Alternatively it can be welded on steel doors.

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

- Assemble the bent (5) and straight arm (4) with two (2) M8 x 25 Hex Head Screw (14) and two (2) M8 Hex Serration Flange Nut (16) (Fig. 5.5).
- Connect the assembled arm to the door bracket (12) and the trolley by a clevis pin (15) and a pin snap (13).

**NOTE:** The shuttle must be in disengage position. Always use both the bent & straight arms. If installing on a door with bad wave action, lengthening the arm even further will assist the door operation by reducing the wave action.

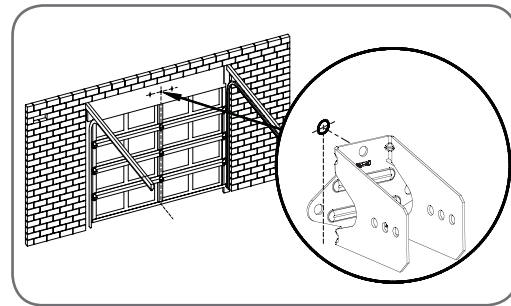


Fig 5.1

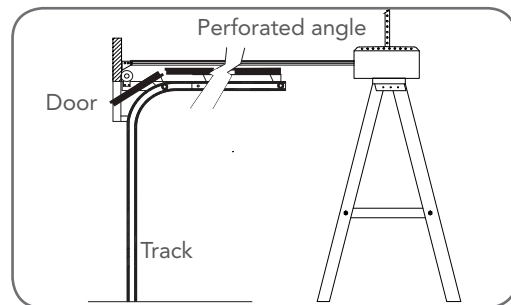


Fig 5.2

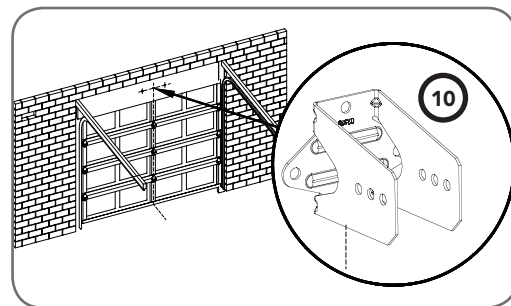


Fig 5.3

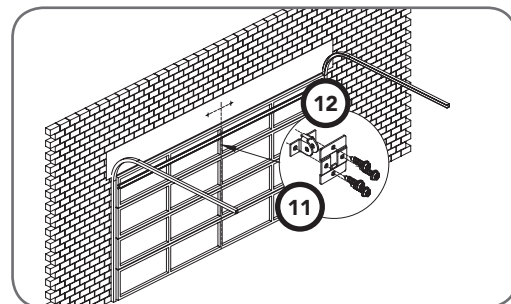


Fig 5.4

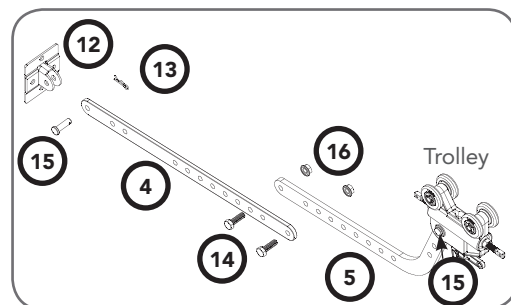


Fig 5.5

# 6. Safety Beam Installation

## 6.1 Fitting the Safety Beam

- Attach the mounting bracket (4) to the adjustment bracket (3) with the pan head screw (6). (Fig. 6.1)
- Attach the bracket (2) to the Safety Beam transmitter with four M3 x 5 taptite screws (5) and attach the other side to the adjustment bracket (3) with the pan head screw (6). (Fig. 6.2)
- Repeat steps a and b to assemble the Safety Beam receiver.

Locate the Safety Beam in a strategic location in the doorway. Automatic Technology recommends that the sensor is placed 100mm above the floor level and as close as possible to the shutter opening.

## 6.2 Wiring the Safety Beam

- Connect a Resistor 5k $\Omega$  ohms (Green Blue Red Gold) to number 2 (two) and 4 (four) terminal on the Safety-2 receiver (Fig. 6.3). Make sure to align the beams correctly. Follow the manual supplied with the Safety Beams.
- Ensure you program the Axess<sup>®</sup> Pro Series 1101 to identify what type of Safety Beam you have installed.
  - Press NEXT to Navigate to Menu 7
  - Press SET to display Menu 7.1 (for IN3).
  - Use the UP and DOWN arrows to change the Safety Beam type from two to three wires.
  - Press SET to accept the selection.



**CAUTION:** Before plugging the opener in, check the power cord for damage and ensure it cannot become entangled in any moving parts

## 6.3 Alignment

- Power up the Axess<sup>®</sup> Pro Series 1101 with the Safety Beam connected. The green LED on the transmitter should turn ON to indicate power is present.
- If the receiver is connected to power and the red LED is flashing while the green LED on the transmitter is on, the transmitter and receiver are not aligned.
- Make horizontal and/or vertical adjustment on the transmitter and/or receiver until the red LED on the receiver turns on, indicating alignment. Approaching to the alignment is indicated by fast flashes on the red receiver LED.

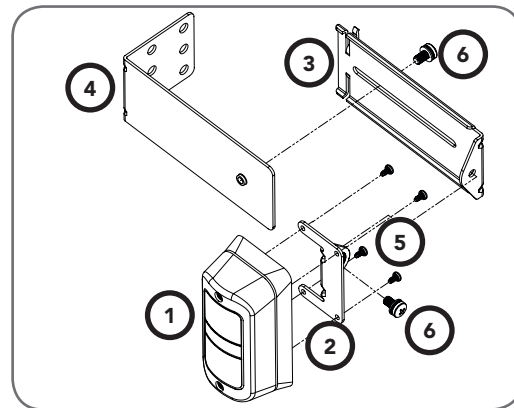


Fig 6.1

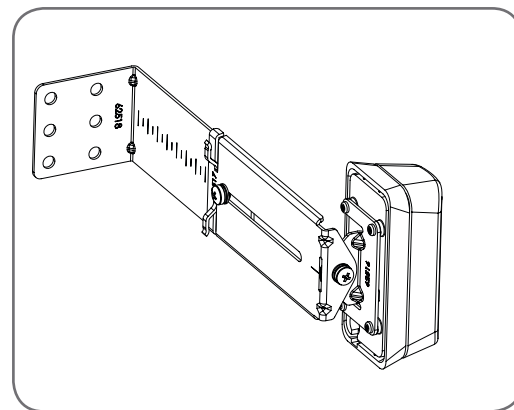


Fig 6.2

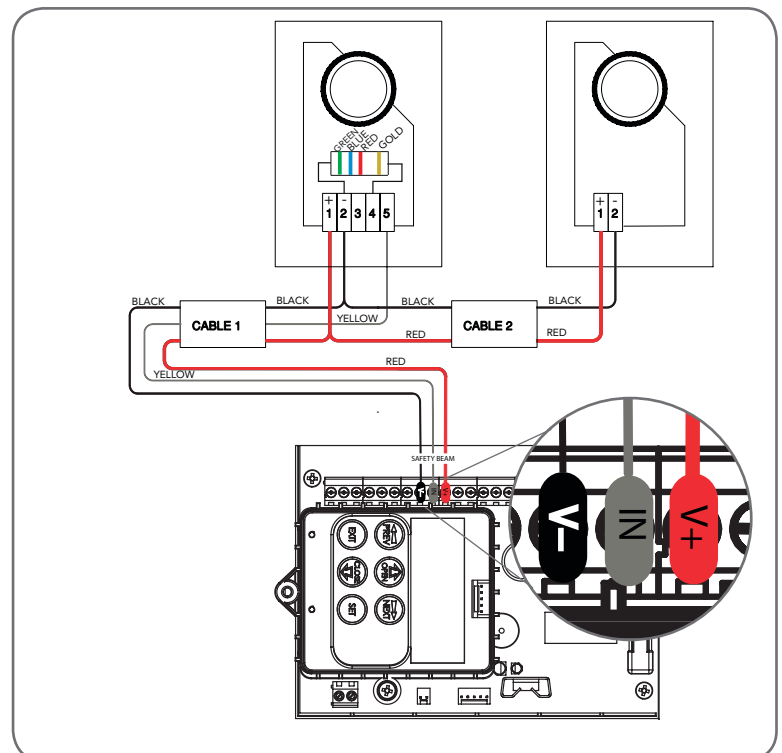


Fig 6.3

# 7. Powering up the Axess® 1101



**CAUTION:** Before plugging the opener in, check the power cord for damage and ensure it cannot become entangled in any moving parts

## 7.1 Powering up the Axess® Pro Series 1101

- After checking the initial wiring, apply power to the Axess® 1101. The controller will go through a startup sequence displaying the STARTUP SCREEN which indicates the controller type and firmware version (**Fig. 7.1**). After a short delay the MAIN SCREEN will be displayed.
- If this is the first time the Axess® 1101 has been used, the MAIN SCREEN should indicate that the limits are not set (**Fig. 7.2**). If the display shows that some input is active then rectify the situation before proceeding. If a default setting is to be changed it should be done now before setting the travel limits.

**NOTE:** The Door should be moved manually to the half open position.

- Press PREV to navigate to the Menu 10.
- Press SET to display MENU 10.1.
- Press SET again to enter the limit setting procedure (Fig. 13).

**NOTE:** By selecting the model number, the controller will be loaded with the correct settings for motor encoder and speed ramping.

- Press OPEN or CLOSE until "Select Axess® MODEL 1101" is displayed.
- Press SET to continue.

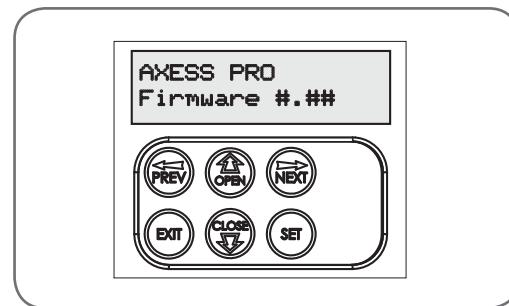


Fig 7.1

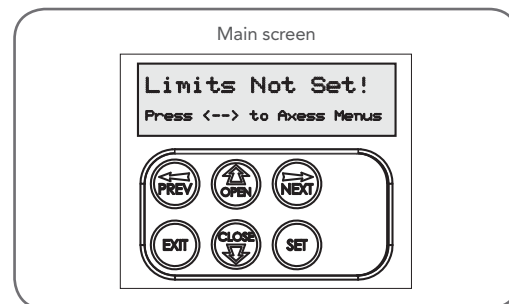


Fig 7.2

# 8. Setting Limits

The Axess® Pro Series 1101 has the alternate ability to set travel limits using a TrioCode™128 transmitter, allowing free movement around the door to better assess the desired limit positions. In order to use a transmitter, it must first have at least one of its buttons coded to the opener. The function assigned to the transmitter's buttons is of no concern here as the buttons are temporarily assigned to OPEN, CLOSE and SET (Fig. 8.1).

## 8.1 Setting Travel Limits

Navigating to "code transmitter" menu

- a. Press NEXT to navigate to Menu 1.
- b. Press SET to enter the code set procedure (Fig. 8.2).

Storing Transmitter Code

- c. Controller will prompt to press one of the transmitter's Button.
- d. Press the transmitter button you wish to use to operate the gate opener (e.g. button 1).
- e. Press the same transmitter button again as prompted by display.
- f. Press the SET button to store the transmitter.

Navigating To "Set Door Travel Menu"

- g. Press PREV to navigate to Menu 10.
- h. Press SET to display MENU 10.1.
- i. Press SET two times to enter the limit setting procedure. Follow LCD prompts.

## 8.2 Setting close travel limit

- a. Press and hold Button 4 on the transmitter to close the door
  - i. If the door is closed too far, press Button 1 to "inch" the door towards open.
  - ii. Rotate the red CLOSE limit cam until the switch is activated. (Fig 8.3).
  - iii. When happy with the close limit position, press Button 2 to store this in the memory.

**NOTE:** Limit will not be accepted unless the door is driven in the close direction.

## 8.3 Setting open travel limit

- a. Press Button 1 to open the door.
  - i. If the door is opened too far, press Button 4 to "inch" the door towards close
  - ii. Rotate the green OPEN Limit cam until the switch is activated.
  - iii. When happy with the open limit position, press Button 2 on the transmitter to store into memory.

**NOTE:** Limit will not be accepted unless the door is driven in the open direction.



**WARNING:** The door will automatically close and open once next step is performed. Ensure that no persons or objects are in the doors path.

- b. The door will now automatically close and open to calculate the safety obstruction settings.

## 8.4 Automatic limit adjustment and load profile

After a brief pause, the controller will automatically close and open the door several times. This adjusts the speed at which the limits are approached and helps to learn the normal load profile of the door. When the setup is complete, the MAIN SCREEN will be displayed with the door shown to be OPEN. The door can now be used.

**NOTE:** Do not press transmitter during limit adjustment process.

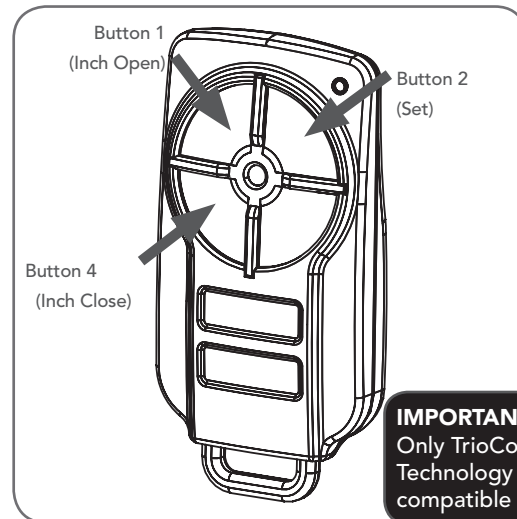


Fig 8.1

**IMPORTANT NOTE:**  
Only TrioCode™128  
Technology Transmitters are  
compatible with this product.

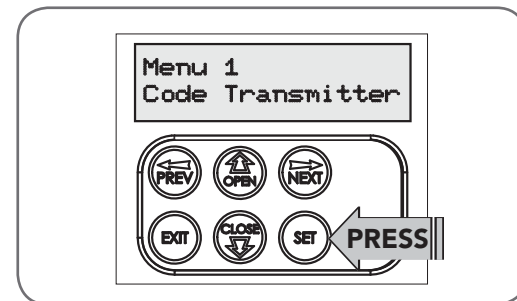


Fig 8.2

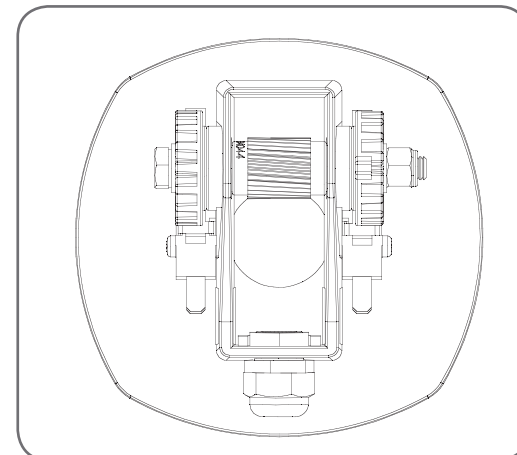


Fig 8.3

## 8.5 Pedestrian access position

After completing the above procedure, the Pedestrian access position is automatically set to a position which is in the middle of the door travel. The position can be manually set by following the SETTING PEDESTRIAN POSITION procedure (See Section 12).

## 8.6 Errors during setting of travel limit

During the above procedure, many error checks are performed. If an error is detected, a message will be displayed indicating the error.

# 9. Safety Obstruction Force Test



**WARNING!** Take care when testing or adjusting the Safety Obstruction Force. Excessive force may cause **SERIOUS PERSONAL INJURY** and/or **PROPERTY DAMAGE**.

## 9.1 Testing Close Cycle

- Press the OPEN button to open the door.
- Place a piece of timber approximately 40mm high on the floor directly under the door (**Fig. 9.1**).
- Press the CLOSE button to close the door. The door should strike the object and start to re-open.

## 9.2 Testing Open Cycle

- Press the CLOSE button to close the door.
- Press the OPEN button to open the door. When the door reaches the half open point, grab the bottom rail of the door firmly and the door should stop.
- If the door does not reverse readily when closing, or stop when opening, the force may be excessive and need adjusting.



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

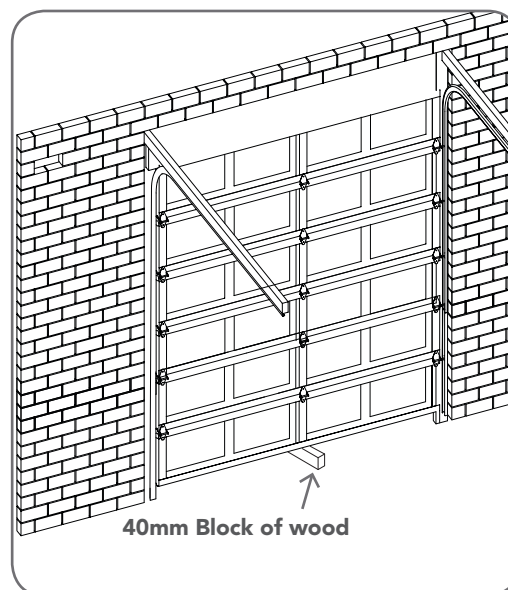
## 9.3 Recalculate Force Margins

- Reprofiling 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 gate change due to mechanical adjustments etc.
- To initiate a re-profile simply locate "MENU 10.2 Reprofile Travel"



**WARNING:** The door will automatically close and open. Ensure that no persons or objects are in the doors path.

- Press SET then follow the prompts. The door will start to move and re-calculate force margins. The door can move between the open and close limit positions up to two (2) times (depending on the position of the door and the power up condition).
- A single beep will be heard once the process is complete and setup complete message will be displayed.



**Fig 9.1**



# 10. Coding Transmitter

The Axess® Pro Series 1101 can store up to 511 transmitters in its memory. Each transmitter can be allocated an alpha-numeric ID label up to eleven (11) characters in length and each button can be assigned to one of several control functions. The settings for a transmitter are represented in (Fig. 10.1). It shows the transmitter's store number, ID label or serial number and the functions assigned to each of its four buttons. To toggle between ID/SN display, press UP/DOWN with the cursor on the ID/SN indicator. The procedures below code, delete, replace, edit and copy transmitter records.

**IMPORTANT NOTE:**  
Only TrioCode™128 Technology Transmitters are compatible with this product.

## 10.1 Coding Transmitter Button

Navigating To Menu 1 "Code Transmitter"

- Press NEXT to navigate to Menu 1 (Fig. 13.2).
- Press SET to enter the code set procedure.

Storing Transmitter Code

- The controller will prompt to press one of the transmitter's buttons.
- Press the transmitter button you wish to use to operate the Gate Opener (e.g. button 1) (Fig. 10.3).
- Press the same transmitter button again as prompted by the display (Fig. 10.4).

## 10.2 Selecting Function Of The Button

The controller will now show the transmitter's record, with a cursor on the field for the button being coded (Fig. 10.5). Use UP/DOWN arrows to select the function for the button.

**Available functions:**

- |                         |                       |
|-------------------------|-----------------------|
| VAC (Vacation Mode)     | LGT (Courtesy Light)  |
| STP (Stop)              | OPN (Open)            |
| CLS (Close)             | SWP (Swipe)           |
| PED (Pedestrian access) | OSC (Open/Stop/Close) |
| OFF (No action)         |                       |

Press SET to save the settings or EXIT to abort without saving (Fig. 10.6).

## 10.3 Returning To Main Screen

The "Code Transmitter" menu will now be shown. Press EXIT to return to the MAIN SCREEN and test the transmitter.

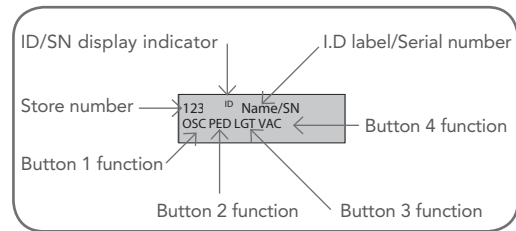


Fig 10.1

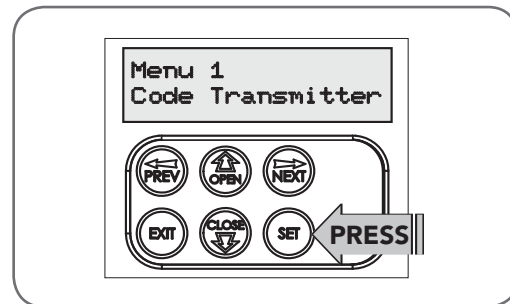


Fig 10.2

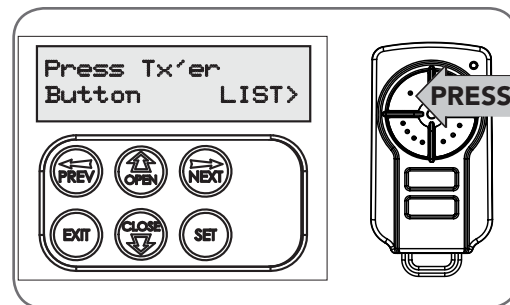


Fig 10.3

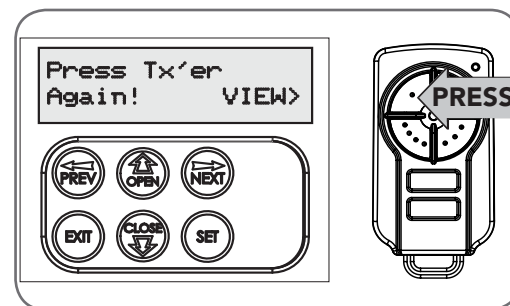


Fig 10.4

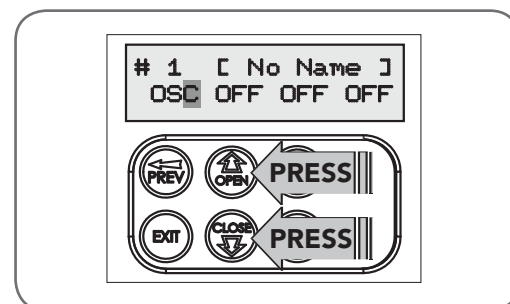


Fig 10.5

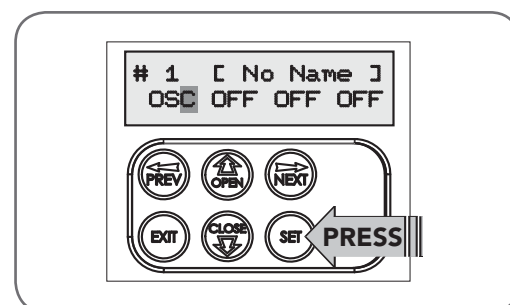


Fig 10.6



# 11. Remotely Coding Transmitters

Fig 11.1

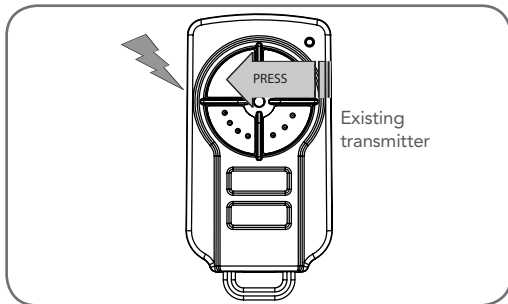


Fig 11.2

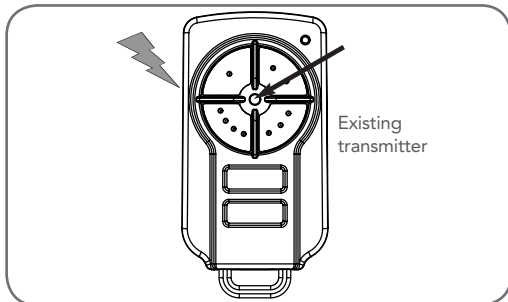


Fig 11.3

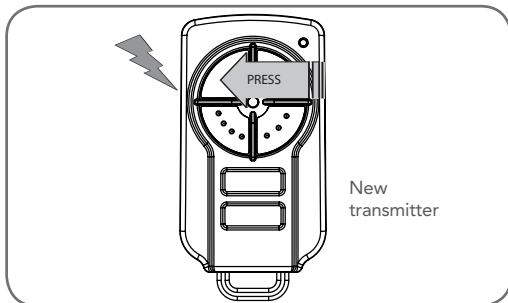
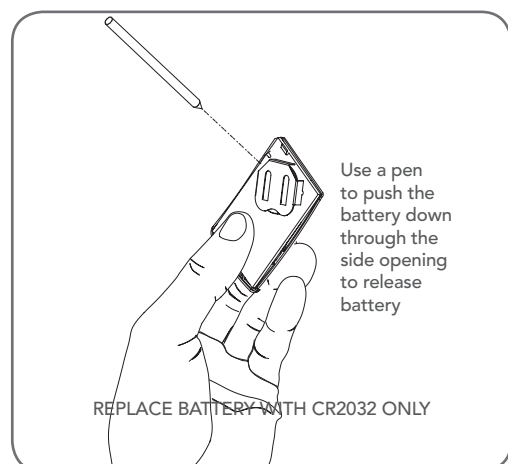


Fig 11.4



If a transmitter is already coded into the opener, additional transmitters can be coded without being in direct contact with the opener's wall console unit.

**NOTE:** Only the function of the existing transmitter button can be assigned to new transmitter. Please read instructions prior to proceeding - there is a time-out facility for security reasons.

## 11.1 Selecting The Function To Be Coded

- Using the existing transmitter, operate the door with the transmitter button which has the function to be coded (**Fig. 14.1**) (e.g. Button 1 has been coded with the OSC function assigned).
- If the button's function activates the door (PED, SWP, OSC, CLS, STP or OPN) wait for the door to complete its cycle.

## 11.2 Activate Remote Code Set Mode

- Use a small pin to press and hold through the Coding Hole of the existing transmitter for 2 seconds (**Fig. 14.2**).
- Within 10 seconds, press the button on the new transmitter you wish to code for 2 seconds (**Fig. 14.3**).
- Press the same button again (within 10 seconds) for confirmation.
- Test Operation. The new transmitter button should now function as the existing transmitter.

**NOTE:** When a transmitter is remotely coded, its ID label is set to that of the existing transmitter. If the existing transmitter does not have an ID label assigned, then the ID label of the new transmitter is set to: R/C Tx ###, where ### is the existing transmitters store number. This ensures that the originator of any remotely coded transmitter can be identified.

**NOTE:** To Manage your Transmitters, refer to Transmitter Management in Appendix G.

## 11.3 Removing the Battery From the Transmitter

(Battery Type: 3V Lithium Battery CR2032).

Use a non-metallic object (e.g. pen) to remove the battery. (**Fig. 11.4**). To test the battery is working, press and hold a transmitter button; (**Fig. 11.5**).

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

Fig 11.5



# 12. Setting Pedestrian Position

After completing the limit setup procedure the Pedestrian Access position is automatically set to a position which is approximately in the middle of the door travel. The position can be manually set by following the **Setting Pedestrian Position** procedure.

## 12.1 Setting Pedestrian Position

- Drive and stop the door at the desired Pedestrian Access position by using a transmitter or wall control unit.
- Press PREV to navigate to Menu 10.
- Press SET. MENU 10.1 will be displayed.
- Press NEXT to go to MENU 10.3
- Press SET on the wall control unit to save the Pedestrian Access position (**Fig. 15.1**).
- Press the STOP button to exit to the main screen.

## 12.2 Checking Pedestrian Position

When activated by a transmitter button which is coded as Ped mode, the opener drives the door to the preset position from either above or below. Ped Mode's active status is indicated on the display (**Fig. 15.2**). If a Ped Mode button is pressed while the door is moving, the door will stop. If a Ped Mode button is pressed when the door is in the Ped position, then the door will close.

## 12.3 Error Displays

During the above procedure many error checks are performed. If an error is detected, a message will be displayed indicating the error.

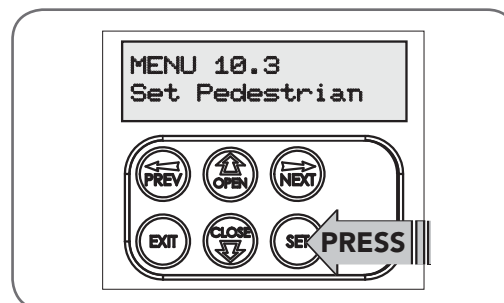


Fig 12.1

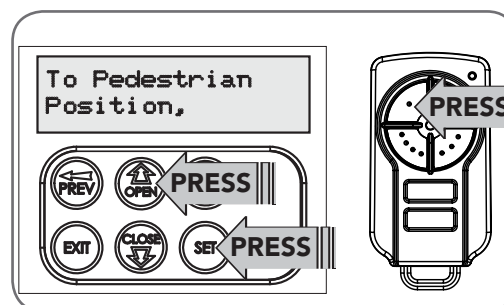


Fig 12.2

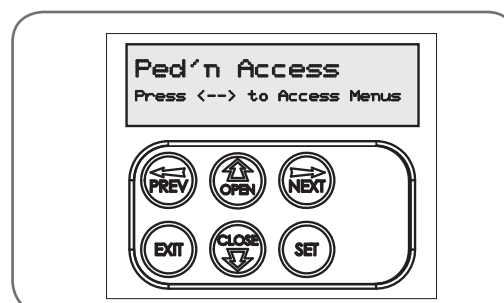


Fig 12.3



# 13. Auto-Close Mode



**WARNING! The Auto-Close function is not available unless Safety Beam is installed.**

## 13.1 Setting Up Standard Auto-Close

### Menu 3. Auto-Close Times

Auto-Close mode is a function that automatically closes the door a preset time after the Safety Beam recognises that a vehicle has left the doorway. The Auto-Close timer only starts after the Safety Beam path is broken and the Auto-Close timer has been set. If the Safety Beam path is not broken, the door will remain open until the path is broken. If the opener incurs a physical obstruction (i.e. not from the Safety Beam) while closing, the door will re-open and not Auto-Close until the Safety Beam path is broken again.

#### Menu 3.1 Auto-Close

This mode is selected by entering a non-zero time for the STD Auto-Close parameter. When selected, the door will Auto-Close after being fully opened (except when the door has reversed to the open position after a motor obstruction or overload unless A/C after open and/or close Obstruction are selected). Countdown is suspended by: S.B., OPN or SWP input being active. The countdown is aborted if the STP input is activated. If the door is already open and the OPN or the SWP input is activated, then the countdown will start.

## 13.2 Safety Beam Triggered Auto Close

### Menu 3.2 (SB AC Trig)

This mode is selected by entering a non-zero time for the "Safety Beam Auto-Close" parameter. This mode is used to Auto-Close the door but only after an object has passed through the doorway and has triggered the Safety Beam input.

**NOTE:** The swipe input can be used to clear the Safety Beam triggered status so that the Safety Beam input must be activated again before the countdown will start. As with the other Safety Beam modes, the STP input will abort countdown and the OPN and SWP inputs will restart the countdown if the door is OPEN.

## 13.3 Pedestrian Auto-Close

### Menu 3.3 Pedestrian Auto-Close

This mode is selected by entering a non-zero time for the "Ped'n A/C" parameter. When selected, the gate will Auto-Close after being opened for pedestrian access unless it was following a reverse from an obstruction.

### Menu 3.4 (Safety Beam) Pedestrian Auto-Close

This mode is selected by entering a non-zero time for the "Ped'n A/C" parameter. When selected, the door will Auto-Close after being opened for pedestrian access but only after an object has passed through the doorway and has triggered the Safety Beam input.

## 13.4 Auto-Close After Obstruction:

Two parameters are provided to enable the Auto-Close feature to be activated after obstructions and power up. Normally the Auto-Close feature is not enabled after obstructions for safety reasons. Safety Beams must be used for these features to be activated.

### Menu 3.5

This mode enables the Auto-Close feature to be activated when a close obstruction occurs (requires Safety Beams).

### Menu 3.6

This mode enables the Auto-Close feature to be activated when an open obstruction occurs.



# 14. Accessories Installation

## 14.1 Fitting Solenoid Or Magnetic Locks

Install the lock mechanism on the door as per the manufacturers instructions. See **Fig. 14.1** for the wiring diagram.

### Menu 4. Lock Times

Lock output can be programmed for both hold and pulse mode. The operation of the lock can be programmed to activate prior to the door and behave differently on open cycles to that on close cycles.

- Press NEXT or PREV on the wall control unit to navigate to Menu 4 Lock Times.
- Press SET to select the sub menu.
- Press NEXT or PREV to navigate through the sub menu.
- Press OPEN to increase or CLOSE to decrease the time.
- Press SET to save the new time.
- Press the EXIT button two times to exit and test the locks operation.

## 14.2 Fitting Courtesy Lights

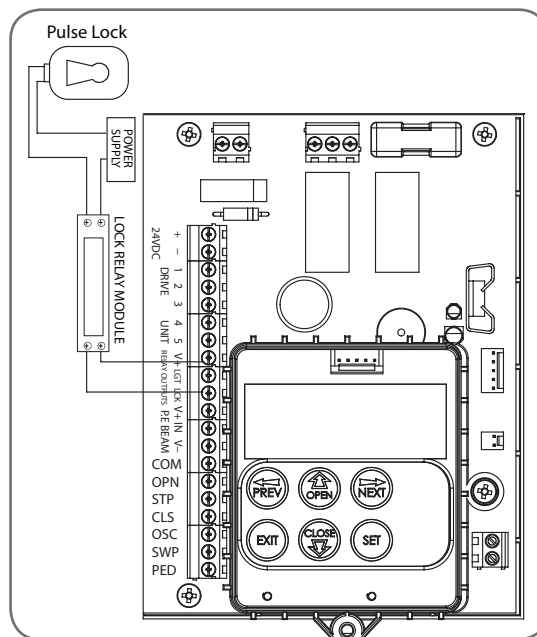
An AC or DC courtesy light can be activated via an output on the Axess® Pro Series 1101 control board. Connect the light as per the diagram. (**Fig. 14.2**)



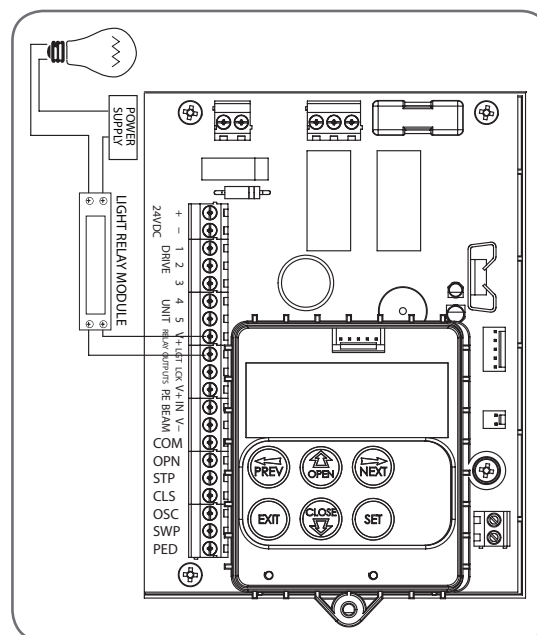
**WARNING: A qualified electrician must perform the installation where 240V AC power is used.**

### Menu 5. Light Times

- Press NEXT or PREV on the wall control unit to navigate to Menu 5 Light/Lock Times.
- Press SET to select the sub menu.
- Press NEXT or PREV to navigate through the sub menu.
- Press OPEN to increase or CLOSE to decrease the time.
- Press SET to save the new time.
- Press the EXIT button two times to exit.
- Test the light operation.



**Fig 14.1**



**Fig 14.2**

# 15. Specifications

Technical Specifications	
Input voltage	240V AC 50Hz Single phase
Motor type	Induction
Motor voltage	240 V AC Three phase
Maximum door size	25m <sup>2</sup>
Maximum door height	6000mm
Receiver type	UHF Multi-frequency FM Receiver
Receiver code storage capacity	511 Transmitters
Transmitter frequency	433.47, 433.92 & 434.37 MHz
Coding type	Hopping code
No. of code combinations	Over 100 billion random codes
Code generation	Non linear encryption algorithm
Transmitter battery	CR2032
Drive unit weight	23kg

**PLEASE NOTE:** Specifications are subject to change without notice.

# 16. Troubleshooting

Symptom	Possible cause	Remedy
Door will not operate	Mains power not switched on.	Switch on mains power.
	Opener motor is disengaged	Check that the motor is engaged for automatic operation
	Door is obstructed.	Remove obstruction.
	The opener is in "Vacation Mode"	Turn off "Vacation Mode"(Appendix C Menu 7.4).
Door starts to close but automatically reverses to open position	Adverse weather conditions (wind or cold) causing door to stiffen and become tight in the tracks.	Increase force margin setting (Section 9.4)
	Possible obstruction in the doorway triggering Safety Beams.	Remove obstruction
Door operates from opener but not from transmitter	Transmitter code not stored in memory.	Code transmitter in to openers memory. (Section 10.1)
	Transmitter does not contain TrioCode™ 128 Technology	Check the transmitter. It should have grey buttons and the model number should display V2. Contact dealer for support if otherwise.
	Flat battery in transmitter	Replace battery (Section 11.3)
	Antenna behind structure (gate or fence) or not in line of sight	Ensure Antenna is in line of sight (Section 4.2)
Door does not close with transmitter	Safety Beam not working properly.	Make sure Safety Beams are operational. and no dirt is on the lens.
Door will not close fully.	Door limit positions need to be reset.	Reset limits positions.
	Door obstructed and reverses	Clear obstruction or adjust force margin (Section 9.3)
Door will not open fully.	Door limit positions need to be reset.	Reset limits positions. (Section 8)
	Door obstructed.	Clear obstruction or adjust force margin (Section 9.3)
Auto-Close not working	Safety Beam not installed.	Install Safety Beam. (Section 6)
	Safety Beam or wiring faulty.	Repair Safety Beam or replace wiring.
	Safety Beam not aligned correctly.	Re-align optics.
	Safety Beam is obstructed.	Remove obstruction from path of Safety Beams.
	Door obstructed when closing.	Remove obstruction.
	Auto-Close time not set.	Set Auto-Close times (Section 13.3).
	Auto-Close mode not set	Set Auto-Close mode. (Section 13.2)



# 17. Maintenance



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



**CAUTION:** Door adjustments should only be carried out by experienced persons, as this function can be dangerous if not performed under strict safety procedures



**ELECTROCUTION!** Disconnect the opener power cord from the mains power before making any door repairs / maintenance or removing the opener button cover.

## 17.1 Door Maintenance

Whilst your opener does not require any periodic maintenance, the door that it is fitted to, does. Your garage door is a large, heavy, moving object and should be tested regularly to ensure it is in good condition. A poorly maintained door could cause fatal / serious injuries or damage to property.

- Frequently examine the door, particularly the 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.

## 17.2 Lubrication (every 3 - 6 months)

To ensure a long and trouble free life for your door the following is recommended:

- Guide Tracks: Clean the internal sections of the guide tracks with a cloth dampened with mineral turps or methylated spirits.

## 17.3 Door Service and Repair

If correct maintenance and servicing are not carried out, warranty may be void. To keep your door running well, it is recommended that your door be serviced by an experienced technician, every 12 months or earlier if required:

- Lifting Cables (if fitted): Check for wear through rubbing. If there is fraying or signs of corrosion contact your dealer immediately and discontinue use, leaving door in the closed position.
- 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 your door professional

## 17.4 Opener Maintenance

To ensure a long and trouble free life for your opener the following is recommended:

- Monthly: Run the test procedures in Section 12 to ensure garage door is fit for use.

**NOTE:** If the door does not operate smoothly, call your nearest door professional.

### Service Record

Record any maintenance in the following table to assist in any warranty service.

Date	Service by	Signature	Invoice No.	Amount



# 18. Appendix

## A - Console Menu Structure

### OPERATIONAL BUTTONS:

1. Press PREV/NEXT buttons move to Left/Right.
2. Press OPEN/CLOSE buttons to change setting.
3. Press SET button to save changes.
4. Press STOP to return to MENU without saving changes.

**NOTE:** The System will automatically return to the main screen after 30 secs if a menu screen is displayed and no buttons are pressed.

Parameter	Min	Max	Default	Step	Unit	Menu No.	Section
Menu 1 - Code Transmitter							
STORING TRANSMITTERS	0.0	511				1	10.1
Menu 2 - Current Trips							
CLS MARGIN Sets the obstruction detection margin for close cycles	0.0	250	100	10	-	2.1	Appendix C
OPN MARGIN Sets the obstruction detection margin for open cycles	0.0	250	100	10	-	2.2	Appendix C
Menu 3 - Auto Close							
STD AUTO-CLOSE TIME Sets and enables the standard Auto-Close time.	0.0	300.0	0.0	1.0	Sec	3.1	13.1
P.E AUTO-CLOSE TIME Sets and enables the P.E triggered Auto-Close time.	0.0	60.0	0.0	1.0	Sec	3.2	13.2
PEDESTRIAN AUTO-CLOSE TIME Sets and enables the Pedestrian Auto-Close time.	0.0	60.0	0.0	1.0	Sec	3.3	13.3
P.E PEDESTRIAN AUTO-CLOSE TIME Sets and enables the PE Pedestrian Auto-Close time.	0.0	60.0	0.0	1.0	Sec	3.4	13.3
AUTO-CLOSE AFTER CLOSE OBSTRUCTION Enables Auto-Close feature after close obstructions	Off	On	Off			3.5	13.4
AUTO-CLOSE AFTER OPEN OBSTRUCTION Enables Auto-Close feature after open obstructions	Off	On	Off			3.6	13.4
Menu 4 - Lock Times							
OPEN LOCK TIME Set the time the lock is activated for on open cycles	0.0	Hold	0.5	0.1	Sec	4.1	14.1
CLOSE LOCK TIME Set the time the lock is activated for on close cycles	0.0	Hold	0.5	0.1	Sec	4.2	14.1
PRE-OPEN LOCK TIME Time the lock is activated for prior to opening	0.0	25.5	0.0	0.1	Sec	4.3	14.1
PRE-CLOSE LOCK TIME Time the lock is activated for prior to closing	0.0	25.5	0.0	0.1	Sec	4.4	14.1
Menu 5 - Light Times							
ON AFTER CYCLE LIGHT TIME Time light remains on for after a cycle	0	255	60	1	Sec	5.1	14.2
ON BEFORE OPEN CYCLE LIGHT TIME Minimum time light is activated for prior to opening	0	25.5	0	0.1	Sec	5.2	14.2
ON BEFORE CLOSE CYCLE LIGHT TIME Minimum time light is activated for prior to closing	0	25.5	0	0.1	Sec	5.3	14.2



# Appendix

## A - Console Menu Structure

Parameter	Min	Max	Default	Step	Unit	Menu No.	Section
-----------	-----	-----	---------	------	------	----------	---------

### Menu 6 - Motor Settings

CLOSE SPEED Sets the motor speed for close cycles	1	100	100	1	%	6.1	Appendix C
OPEN SPEED Sets the motor speed for open cycles	1	100	100	1	%	6.2	Appendix C
MIN SPEED Minimum speed output to the motor	1	100	40	1	%	6.3	Appendix C
CYCLE TIMEOUT (NORM +) Cycle overrun time permitted before obstruction	0.1	25.5	2.0	0.1	Sec	6.4	Appendix C
ACC SLOPE Sets the motor acceleration time	10	2500	50	10	%/Sec	6.5	Appendix C
SLOW SLOPE Sets the motor deceleration time	0	1.5	0.3	0.1	%/Count	6.6	Appendix C
STOP TIME Sets the time given to motor to bring to rest	0.1	1.00	0.5	0.1	Sec	6.7	Appendix C

### Menu 7 - Operating Modes

P.E INPUT RESPONSE MODE Sets the P.E response mode. Options are OPEN and CLOSE cycles stop, Close cycles stop or Close cycle reverse			CLS to reverse			7.1	Appendix C
PED INPUT = SWIPE MODE Selects PED input functions as pedestrian access swipe input	Off	On	Off			7.2	Appendix C
REMOTE CODE ENABLED Selects remote transmitter coding function	Off	On	Off			7.3	Appendix C
ACTIVITY REPORTS Select report to be output	Off	255	Off	1		7.4	Appendix C
ACTIVITY REPORT ID Selects ID for controller, sent with activity report	0	65535	0	1		7.5	Appendix C
VACATION MODE Selects vacation mode - disables remote control	Off	On	Off			7.6	Appendix C
PASSWORD Selects password protection for all changes	Off	On	Off			7.7	Appendix C
TX # GROUPING Selects tx'er number group display format	Off	On	Off			7.8	Appendix C
OPN INPUT N/C OPERATION Selects operating polarity of OPN input	Off	On	Off			7.9	Appendix C
STP INPUT N/C OPERATION Selects operating polarity of STP input	Off	On	Off			7.10	Appendix C
OPN INPUT 2nd P.E. OPERATION Selects OPN input as 2nd P.E input	Off	On	Off			7.11	Appendix C



# Appendix

## A - Console Menu Structure

Parameter	Min	Max	Default	Step	Unit	Menu No.	Section
Menu 8 - Diagnostics							
TEST INPUTS - Controls input display status			Inactive			8.1	Appendix D
TEST TRANSMITTERS (TX'ERS)						8.2	Appendix D
DISPLAY HISTORY						8.3	Appendix D
MEMORY USAGE						8.4	Appendix D
SERVICE COUNTER			60,000			8.5	Appendix D
EVENT COUNTER						8.6	Appendix D
INSTALL DATA						8.7	Appendix D
Menu 9 - Memory Tools							
CLR CONTROL						9.1	Appendix E
CLR TRANSMITTERS (TX'ERS)						9.2	Appendix E
Menu 10 - Setup Travel							
SETUP LIMITS						10.1	8.1
REPROFILE TRAVEL						10.2	9.3
SET PEDESTRIAN						10.3	12.1





# Appendix

## B - Viewing & Editing Parameters

Fig B.1

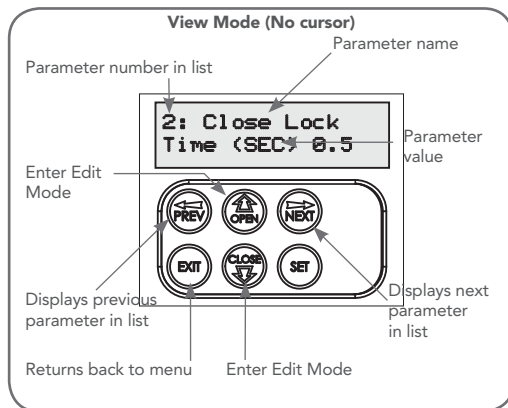
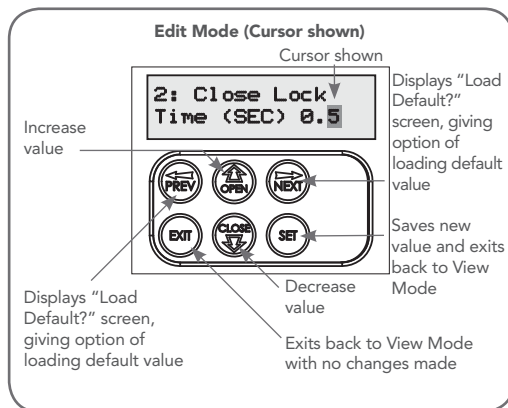


Fig B.2



This section illustrates how to locate, view and adjust parameters.

### Locating parameters

Refer to Appendix A for Console Menu Structure. Locate the required parameter and note the MENU number. The example used in **(Fig. B.1)** displays "CLOSE LOCK TIME"

### Changing Setting

- Press NEXT/PREV to navigate to the required menu.
- Press SET to show the sub-menu.
- Press NEXT/PREV to go to the required sub-menu.
- Press OPEN/CLOSE to change parameter setting. Holding the button down causes the parameter's value to change rapidly. The longer the button is held the faster the value changes.
- Press SET to SAVE setting.

### Reload Default Setting

- Press NEXT/PREV buttons to display LOAD DEFAULT screen.
- Press SET to load the default value.

### Return To Menu

If the parameter values are not to be changed, press EXIT to return to sub menu. Press EXIT again to return to the MAIN SCREEN.

# Appendix

## C - Control Board Adjustments

The standard operation of the opener can be altered by editing various parameters. This section describes the parameters and the effect they have. Use the VIEWING AND EDITING PARAMETER PROCEDURE (Appendix B) to make changes.

### Menu 2 Obstruction Margins

The obstruction margins are used to alter the sensitivity of the controller to obstructions. Increasing the value increases the allowable variation between the "normal" force profile and the actual force.

### Menu 4. Lock Times

With the addition of a relay module connected to the control board, the electric lock can be controlled. Lock output can be programmed for both hold and pulse operation and can also be programmed to activate prior to the door motor starting. The operation of the lock can be programmed to behave differently on open cycles to that on close cycles.

### Menu 5 Light Times

With the addition of a relay module connected to the control board, a light can be controlled. The time the light stays on is controlled by two timers. The first times the length of time the light is activated for prior to a drive cycle. This is used to warn that door movement is pending. The second times how long the light remains on after a cycle.

### Menu 6 Motor Speeds

When speed ramping is enabled during the limit setup procedure, the controller will ramp the motor speed up at a start of the cycle and then down again at the end of the cycle prior to stopping at the limit. The parameters for open and close speeds set the respective motor speed for the open and close cycles. The minimum speed parameter sets the minimum speed output to the motor at the start and end of ramping. **NOTE:** Altering these parameters will cause the travel limits to be cleared.

### Cycle Timeout

Sets the maximum time a cycle can run past its normal cycle time for before an obstruction is tripped.

### Menu 7

#### Menu 7.1 P.E Input Response Mode

The P.E Input can be configured to respond in one of three modes;

- i. Open and Close cycles stop - In this mode, all cycles are prevented from being completed or initiated when the P.E Input is active.
- ii. Close cycles stop - In this mode, the P.E input has no effect when opening but will stop the door when closing.
- iii. Reverses close cycles - In this mode, the P.E Input has no effect when opening but will cause the door to reverse if activated when closing.

#### Menu 7.2 PED Input Function

If GPI or Fire Input is selected as PED then these inputs can be configured to a SWIPE type input for pedestrian access. This provides full functionality with the Safety Beam Triggered Pedestrian Auto-Close function.

#### Menu 7.3 Remote Code

The controller supports the Remote Code Set feature. This parameter can be used to disable the feature for security or transmitter management reasons.

#### Menu 7.4 Activity Reports

This parameter enables activity report outputs. Contact Automatic Technology for more details.

#### Menu 7.5 Activity Report ID

This parameter sets the ID of the controller that is sent with the activity report. Contact Automatic Technology for more details.

#### Menu 7.6 Vacation Mode

Vacation Mode blocks all but one designated remote control transmitter from activating the Axess® Pro Series 3100. The mode is activated by pressing a transmitter button with the VAC function assigned until the console displays that Vacation Mode is enabled (approx. 5 secs). When activated all the transmitter buttons will be ignored. To turn Vacation Mode off, press a transmitter button with the VAC function assigned. Vacation Mode can also be turned on or off manually by editing the Vacation Mode parameter. Vacation Mode can be turned on or off using this parameter.

# Appendix

## C - Control Board Adjustments

### Menu 7.7 Password Protection

The password feature enables all parameters and configuration settings to be protected unless a password is entered. When this feature is turned on, the user is requested to enter the desired password to be used. The password protection feature has a time-out that expires after 60 seconds of inactivity. Alternatively, the user may log out manually by pressing exit when the main screen is displayed.

### Menu 7.8 Transmitter Grouping

The transmitter store number display format can be changed to show a grouped format. When grouping is selected, instead of displaying the store location as a number between 1 and 511, it will display as ##\$ where ## is the group number and \$ is a character a,b,c,d,e,f,g or h which indicates the group member.

### Menu 7.9 Open Input Operation

The OPN input is normally configured for N/O operation. This parameter allows its operation to be changed to N/C.

### Menu 7.10 STP Input Operation

The STP input is normally configured for N/O operation. This parameter allows its operation to be changed to N/C.

### Menu 7.11 OPN INPUT 2nd P.E Operation

The open input can be configured to use a second normally open P.E input.



# Appendix

## D - Diagnostic Tools

The controller provides several diagnostic tools from within the Diagnostics Menu (Menu 8). This section details the function of each tool and its use.

### Navigating To Diagnostics Menu

- Press PREV to navigate to Menu 8 (**Fig. D.1**).
- Press SET to display the menu of available functions.
- Press PREV or NEXT to cycle through diagnostic tools.
- Press SET to select.

### Menu 8.1 Test Inputs

This tool is used to view the state of the control inputs. When selected, a screen is displayed (**Fig. D.2**) which indicates the state of each input. If the name of the input is in upper case or number in the bracket, then the input is active. Conversely if the input is in lower case, then the input is inactive. For normal operation, all inputs should be inactive. When finished, press EXIT. The example shows the status as OSC input is active.

### Menu 8.2 Test Transmitters (Tx'ers)

This tool is used to test receiver/transmitter functionality. When selected, a screen is displayed which prompts for a transmitter button to be pressed (**Fig. D.3**) and whether ID or serial numbers are to be displayed.

The opener will then beep each time a transmission is received. If the transmitter button is stored in the controller memory and has a function assigned to it, a second screen will be displayed that shows the transmitter details along with the button pressed (**Fig. D.4**). The example shows the case where transmitter number 12 is activated by button 4. Note ID is selected for display.

### Menu 8.3 Display History

The opener keeps a record of the last 64 events that have taken place. The events include the type of drive cycles executed, obstruction detection, various faults, power failures etc. When this tool is selected, the screen displays the last event that occurred (**Fig. D.5**). Press NEXT or PREV to view each event. The "EVENT#" field shows the sequence of the events, with (1) being the first and (64) being the last. The example shows that the last event was a close cycle which succeeded in closing the gate. When finished viewing the events, press EXIT.

### Menu 8.4 Memory Usage

This tool displays the number of transmitter store locations used and the number free.

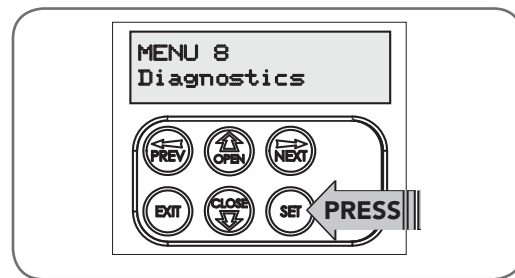


Fig D.1

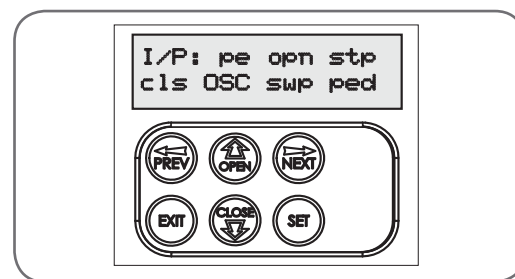


Fig D.2

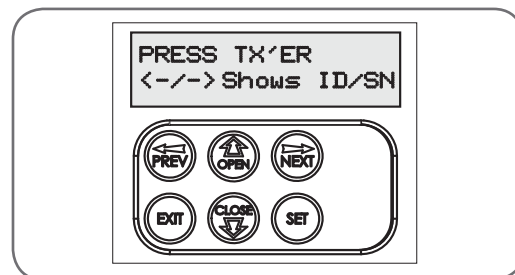


Fig D.3

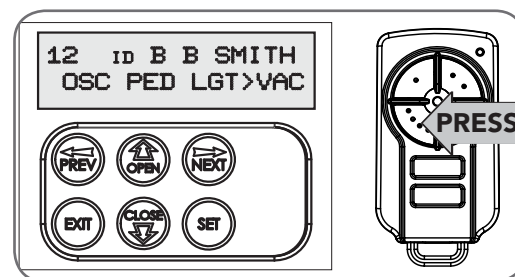


Fig D.4

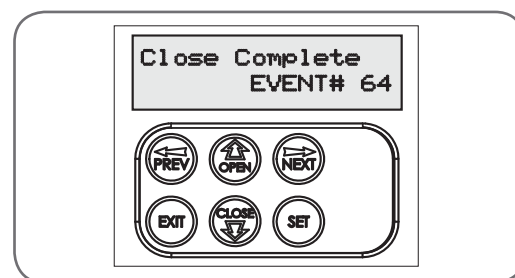


Fig D.5

# Appendix

## D - Diagnostic Tools

### Menu 8.5 Service Counter

The opener provides a periodic service counter which can be set to expire after a number of drive cycles. When expired, the opener will beep at the beginning of each drive cycle and a message will be displayed on the MAIN SCREEN (**Fig. D.7**). This tool displays the current value of the service counter and allows the user to set its value using the normal parameter editing techniques (See PARAMETER VIEWING AND EDITING). If the service counter is not to be used, it can be set to the maximum number (60,000).

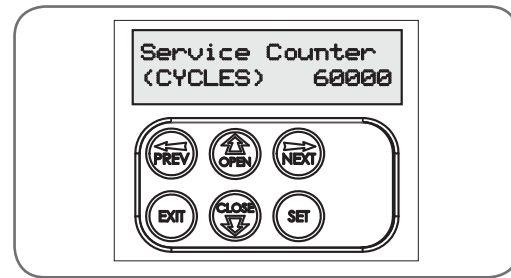


Fig D.7

### Menu 8.6 Event Counters

The opener keeps a count of number of times a particular event occurs. The list of event counters kept is shown below. When this tool is selected, the first event counter is shown (**Fig. D.8**). Press NEXT or PREV to step through the list. The example shows the OPEN CYCLE event counter with a value of 1234. When finished viewing press EXIT.

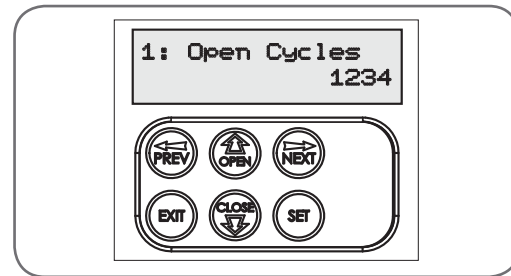


Fig D.8

- |                         |                       |
|-------------------------|-----------------------|
| 1: Open Cycles          | 2: Close Cycles       |
| 3: PED Cycles           | 4: Setup Limits       |
| 5: Open Stall           | 6: Close Stall        |
| 7: Open Obstructions    | 8: Close Obstructions |
| 9: Open Overloads       | 10: Close Overloads   |
| 11: Limit Sensor Faults |                       |

### Menu 8.7 Installation

The controller keeps a record of the options selected during installation and also the travel times recorded during installation. The list below shows the information recorded. Use the NEXT and PREV buttons to move through the list. When finished viewing simply press EXIT.

- |                       |                       |
|-----------------------|-----------------------|
| 1: Open Cycle Time    | 2: Close Cycle Time   |
| 3: Motor Encoder Mode | 4: Speed Ramping Mode |

# Appendix

## E - Memory Tools

The Memory Tools accessed from within Menu 9 (**Fig E.1**) are used to backup, restore or clear the controller. Once selected, the PREV or NEXT buttons can be used to view the Memory Tool options. To Execute the displayed option simply press SET.

### Menu 9.1 Clear Control

This option will clear the gate control memory and reload the factory set defaults for parameters such as the lock time, light time, auto-close times etc. It will also clear the travel limits.

### Menu 9.2 Clear Transmitters (Tx'ers)

This option will clear the transmitter storage memory.

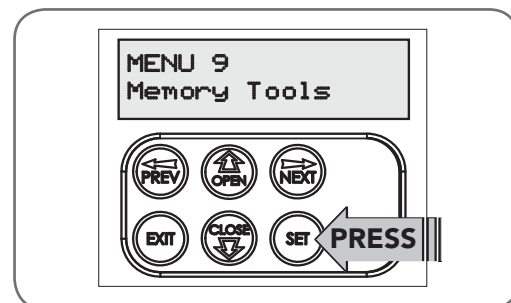
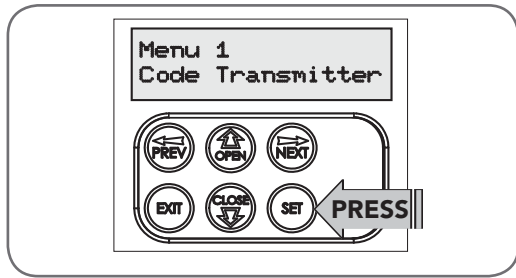


Fig E.1

# Appendix

## F - Transmitter Editing

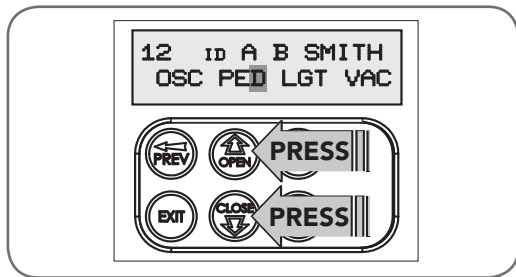
Fig F.1



### Navigating To "Edit Transmitter" Menu

- Press NEXT to navigate to Menu 1 (**Fig. F.1**).
- Press SET to enter the transmitter edit procedure.
- Press NEXT to enter transmitter list and edit mode.

Fig F.2



### Editing Button Function Field

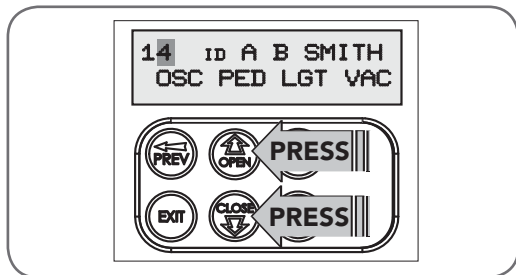
- Press NEXT or PREV to move the cursor to the left or right and between the top and bottom lines to select the desired field.
- Press UP or DOWN arrows to change the displayed value. The available functions are shown below. Selecting OFF will prevent the opener responding to that button.

#### Available functions

VAC (Vacation Mode)	LGT (Courtesy Light)
STP (Stop)	OPN (Open)
CLS (Close)	SWP (Swipe)
PED (Pedestrian access)	OSC (Open/Stop/Close)
OFF (No action)	

- Press SET to save changes or press NEXT or PREV to move to the next field. The example in (**Fig. F.2**) shows that PED is assigned to the transmitter button 2. The transmitter in the example is transmitter number 12 which has the ID label AB Smith.

Fig F.3



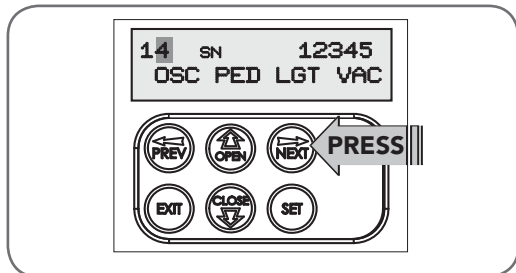
**NOTE:** If all button functions are set to OFF, when SET is pressed, the opener will prompt to confirm if the transmitter is to be deleted. Press SET to delete or EXIT to continue editing.

### Editing The Store Location

This feature is only available when coding the first button of a new transmitter.

- Press NEXT or PREV to move the cursor over Store No. (**Fig. F.3**)
- Press UP or DOWN arrows to select new Store No.
- Press SET to Confirm or NEXT/PREV to move to the next field.

Fig F.4



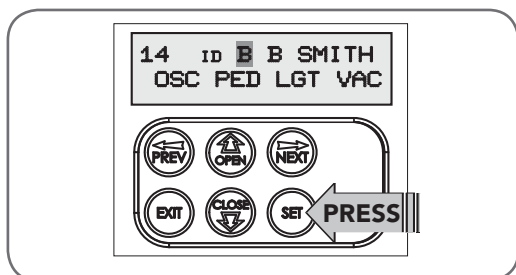
This is useful when managing transmitters using a scheme which ties the store location to the transmitter's owner.

### Selection Of ID or Serial Number Display

- Press NEXT to navigate to the Menu 1 "Code Transmitter".
- Press SET to enter the transmitter edit procedure.
- Press NEXT to enter transmitter list and edit mode.
- Press NEXT/PREV to move the cursor over the ID field.
- Press NEXT to reveal the Serial Number (**Fig. F.4**).

The serial number display is provided for additional means of identification. The transmitter in this example has serial number 12345.

Fig F.5



### Editing A Character Field

- Press NEXT or PREV to move select character.
- Press UP or DOWN arrows to scroll through and select a new character.
- Press NEXT or PREV to move to the next character.
- Repeat step b.
- Press SET to record changes (**Fig. F.5**).

The second line of the display shows a list of available characters with the current value indicated at the cursor position.

# Appendix

## G - Transmitter Management

### Transmitter Listing Facility

The Axess® Pro Series 1101 provides a transmitter listing facility which enables the user to find a transmitter location within the memory. Once located, a stored transmitter can be replaced, deleted, edited, copied or, if the location is empty, a new transmitter can be coded.

#### Method 1 - Go To The Start Of The List Accessing The List Menu

- Press NEXT to navigate to Menu 1 (**Fig. G.1**).
- Press SET to enter the transmitter edit procedure.
- Press NEXT to enter the transmitter list and edit mode.

#### Method 2 - Use The Transmitter To Go Direct To The List Accessing The List Menu

- Press NEXT to navigate to Menu 1 (**Fig. G.1**).
- Press SET to enter the transmitter edit procedure.
- Press the transmitter once (**Fig. G.2**).
- Press NEXT to view the transmitter parameters. This method is used for quick navigation if the transmitter is available.

**NOTE:** "VIEW" will not be shown if the transmitter is not stored. Once the list is displayed, it can be sorted by stored number, ID Label or Serial Number. Use the NEXT or PREV buttons to select the sorting method.

**NOTE:** When sorting by ID label or S/N, only stored transmitter locations are displayed.

#### Navigating The List

- Press the UP or DOWN arrows to navigate through the list (**Fig. G.3**).

**NOTE:** Holding a button down will step through the list faster.

- Press SET to display the menu of available functions.

#### Selecting An Operation

- Press NEXT or PREV to cycle through the four menu options (**Fig G.4**).
- Press EXIT to return to the list.
- Press SET to execute the menu's operation.

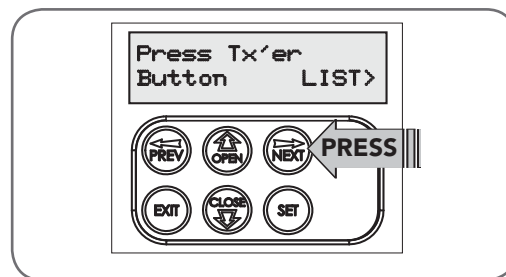


Fig G.1

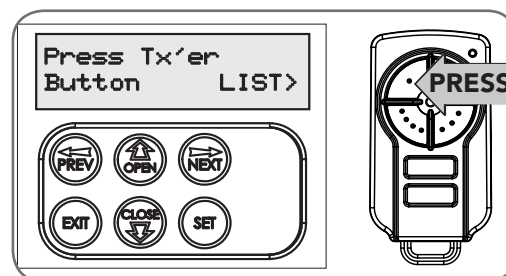


Fig G.2

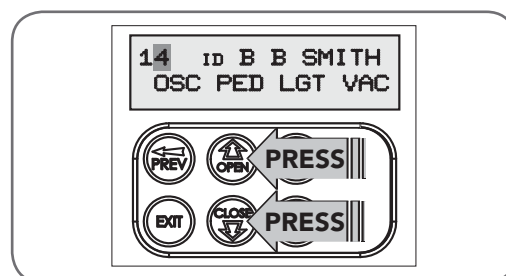


Fig G.3

Menu Option	Operation
Code Operation (location empty)	If the code operation is selected on an empty transmitter location, the BASIC CODE TRANSMITTER PROCEDURE will be initiated with the transmitter being saved in the selected location. This is useful when managing transmitters using a scheme which ties the store location to the transmitter's owner.
Code Operation (location used)	If the code operation is selected for a location that already contains a transmitter, then the BASIC CODE TRANSMITTER PROCEDURE will be initiated and the new transmitter will replace the existing one. Note that the button functions and name of the existing transmitter will be transferred to the new transmitter. This procedure is of great convenience when replacing a lost transmitter.
Delete Operation	The delete operation is used to remove a transmitter from memory along with the name and button function settings.
Edit Operation	The edit operation displays the transmitter record for editing purposes. See TRANSMITTER EDIT PROCEDURE (Appendix F) for details.
Copy Operation	The copy operation is used to code multiple transmitters with the same button function as that of the selected transmitter. Once selected an abbreviated code set routine is initiated which repeats steps 2 & 3 of the BASIC CODE TRANSMITTER PROCEDURE for each transmitter to be coded. Coding is terminated by pressing the EXIT button.
Exiting The List	To exit the transmitter list, simply press EXIT to return to the Code menu.

Fig G.4

# Warranty and Exclusion of Liability

1. This Warranty is given by Automatic Technology (Australia) Pty Ltd (ABN 11 007 125 368) (ATA). 6-8 Fiveways Boulevard, Keysborough 3173, 1300 133 944, sales@ata-aust.com.au
2. The Competition and Consumer Act 2010 (including the Australian Consumer Law) and other relevant statutes provide a set of statutory consumer guarantees and other legal rights that cannot be excluded, restricted or modified by contract. This Warranty is in addition to and does not affect any of your rights under the Australian Consumer Law and other relevant statutes.
3. 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 of 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.
4. 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 Axxess® Pro 1101 Series Opener (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 extent permitted by law.
5. Subject to all of the matters set out below, ATA warrants in relation to the Product that:
  - a. the Product's drive units will be free of any defects in material and workmanship for at least 60 months after the date of purchase (as evidenced by the sales docket receipt), or 10000 cycles, whichever ever occurs first; and
  - b. the Product's other components and accessories will be free of any defects in material and workmanship for at least 12 months after the date of purchase (as evidenced by the sales docket receipt).
6. No additional warranty will apply for Products repaired during the relevant warranty period.
7. or all Products repaired outside the warranty period, a six (6) month warranty that the Product will be free of any defects in material and workmanship will apply from the date of dispatch of the Product to you. ATA may charge you for any repairs undertaken outside the warranty period, and will provide you with a quotation in relation to any such costs for your approval before proceeding with any repairs.
8. This Warranty applies only where you:
  - a. immediately notify ATA at the contact details provided in paragraph 1 above or notify the or the retailer that you purchased the Product from of the alleged defect;
  - b. return the product to the retailer that you purchased the Product from; and
  - c. present the relevant sales docket and this Warranty document to the retailer to confirm the date of purchase.
9. Except for this Warranty, ATA gives no warranties of any kind whatsoever (whether express or implied), in relation to the product, and, subject to paragraph 1 above, all warranties of whatsoever kind relating to the product are hereby excluded.
10. This Warranty excludes damage resulting from:
  - a. normal wear and tear;
  - b. accidental damage;
  - c. incorrect installation of the Product;
  - d. blown fuses, electrical surges, power surges or power spikes;
  - e. theft, fire, flood, rain, water, lightning, storms or any other acts of God;
  - f. any installation, configuration or use of the Product contrary to the instructions supplied with the Product;
  - g. the surface area or weight of the door used with the Product exceeding the technical specifications supplied with the Product;
  - h. the door used with the Product not being in safe working order and condition;
  - i. repairs which are not authorised by ATA;
  - j. any failure to maintain the Product in accordance with the instructions supplied with the Product;
  - k. deliberate or negligent damage to the Product;
  - l. any unauthorised modification to the Product;
  - m. radio interference; or
  - n. acts or omissions of any person other than ATA.
11. ATA's liability under this Warranty is limited, at ATA's absolute option, to replacing or repairing the product which ATA, in its unfettered opinion, considers to be defective either in material and/or workmanship or to credit the dealer with the price at which the product was purchased by the dealer.
12. This Warranty does not extend to cover labour for installation of the Product following repairs, the cost of which must be borne by you.
13. This Warranty is limited to Return-to-Base (RTB) repair and does not cover labour for on-site attendance, the cost of which must be borne by you.
14. Except as specified in this Warranty, ATA will not charge you for any repairs or replacements conducted under the Warranty. However, ATA will charge you for any repairs which are not within the scope of this Warranty (or which are not required to be undertaken free of charge pursuant to the Australian Consumer Law).
15. This Warranty is void if the Product is not returned to the manufacturer in original or suitably secure packaging.
16. This Warranty is only applicable for repairs to the product carried out within Australia.
17. This Warranty does not cover consumable items including, without limitation, globes, batteries and fuses.
18. This Warranty is not transferable.
19. This Warranty is void if a Photo Electric Beam Sensor is not fitted to the door opening.
20. Where the Product is retailed 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.
21. Any provision of this Warranty that is prohibited or unenforceable in any jurisdiction is ineffective as to that jurisdiction to the extent of the prohibition or unenforceability. That does not invalidate the remaining provisions of this Warranty nor affect the validity or enforceability of that provision in any other jurisdiction.
22. Products presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the Product.

## NOTES:

1. One (1) cycle = one (1) open and one (1) close action of the door.
2. This Warranty is to be read in conjunction with the owner's copy of the installation instruction manual.

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