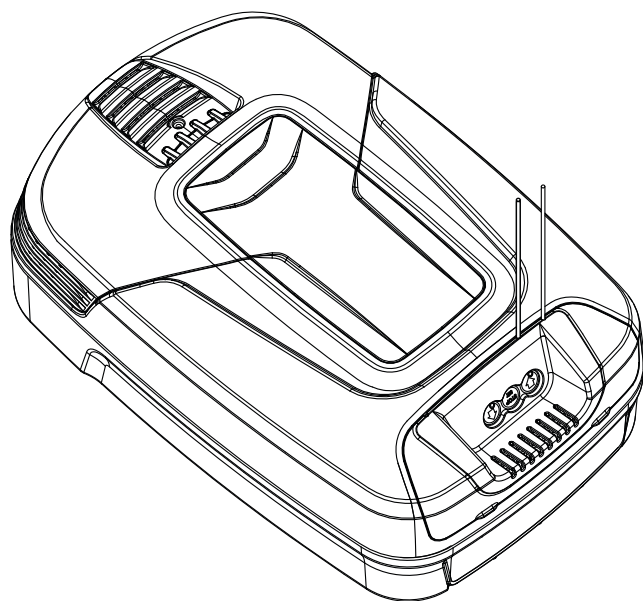


Overhead Garage Door Operator

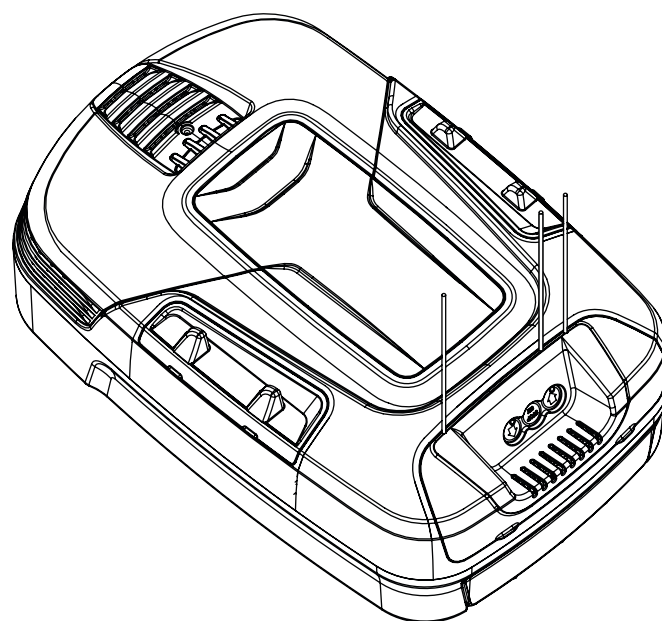
Dominator Tempo & Syncro Instruction Manual



Conforms to:
ANSI/CAN/UL325
Tested to comply
with Part 15 of the
FCC Rules



**DOMINATOR TEMPO ATS-2AM
SECTIONAL DOOR OPENER**



**DOMINATOR SYNCRO ATS-3AM
SMART SECTIONAL DOOR OPENER**

FOR RESIDENTIAL USE ONLY

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Overhead Garage Door Operator

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1. System Specifications

Factory Default Settings

	Default	Maximum
Maximum motor run time	1 Minute	-
Courtesy light time	180 secs	240 secs
Obstruction force margin	1.0A	2.0A
Auto close time	0 seconds	120secs

Technical Specifications

Model	SYNCRO ATS-3AMB	SYNCRO ATS-3AM	TEMPO ATS-2AMB	TEMPO ATS-2AM
Input Voltage	120V / 60Hz	120V / 60Hz	120V / 60Hz	120V / 60Hz
Current (Max)	2.0A	2.0A	2.0A	2.0A
Transformer secondary output Voltage	24Vac	24Vac	24Vac	24Vac
Motor type	24Vdc geared motor with permanent magnet	24Vdc geared motor with permanent magnet	24Vdc geared motor with permanent magnet	24Vdc geared motor with permanent magnet
Shuttle travel distance in the C-Rail	9.19ft (2.8m) approximately (standard)	9.19ft (2.8m) approximately (standard)	9.19ft (2.8m) approximately (standard)	9.19ft (2.8m) approximately (standard)
Maximum shuttle travel distance in the C-Rail	16.4ft (5m) (with extended C-Rail)	16.4ft (5m) (with extended C-Rail)	16.4ft (5m) (with extended C-Rail)	16.4ft (5m) (with extended C-Rail)
Peak Short Term Pulling Force	1000N	1000N	1000N	1000N
Maximum door hanging weight	520lbs (236kg)	520lbs (236kg)	440lbs (200kg)	440lbs (200kg)
Receiver type	UHF Multifrequency FM-Receiver	UHF Multifrequency FM-Receiver	UHF Multifrequency FM-Receiver	UHF Multifrequency FM-Receiver
Receiver code storage capacity	64 x 4 button transmitter codes	64 x 4 button transmitter codes	64 x 4 button transmitter codes	64 x 4 button transmitter codes
Coding type	TrioCode128™	TrioCode128™	TrioCode128™	TrioCode128™
Number of code combinations	Over 4.29 billion random codes	Over 4.29 billion random codes	Over 4.29 billion random codes	Over 4.29 billion random codes
Code generation	Nonlinear encryption algorithm	Nonlinear encryption algorithm	Nonlinear encryption algorithm	Nonlinear encryption algorithm
Remote control battery	CR2032 3 Volts	CR2032 3 Volts	CR2032 3 Volts	CR2032 3 Volts
Courtesy light	2 LED Modules	2 LED Modules	2 LED Modules	2 LED Modules
Control board fuse	10A (slow blow)	10A (slow blow)	10A (slow blow)	10A (slow blow)
Battery backup	2 x 12PCA 1.3 - 12V1.3 AH Batteries	Battery compatible, (requires optional Battery Backup kit)	2 x 12PCA 1.3 - 12V1.3 AH Batteries	Battery compatible, (requires optional Battery Backup kit)
Network connectivity	Network ready, Smart hub already installed	Network ready, Smart hub already installed	Network compatible, (requires optional Auto-Ki Control Kit)	Network compatible, (requires optional Auto-Ki Control Kit)

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 trigger the safety obstruction detection system intermittently.

2. Safety Information



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.

- This operator should be installed in accordance with relevant US and Canada Standards.
- To reduce the risk of injury to persons – Use this operator only with a sectional door. DO NOT install product on J-Type or Single Piece Doors..
- This operator is not suitable for commercial, industrial or common entry applications.
- This operator is a plug in domestic appliance and is designed for indoor use only. It must be installed in a dry position that is protected from the weather.
- Door must have Safety Beams fitted.
- Activate the operator only when the garage door is in full view, free of obstructions and with the operator properly adjusted.
- The network device allows for operation of the door when not in line-of-sight of the door and operator. Therefore the door may operate unexpectedly, therefore do not allow anything to stay in or near the path of the door.
- Watch the moving door and keep people away until the door is completely opened or closed.



ELECTROCUTION: To reduce the risk of electric shock, this equipment has a grounding type plug that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way. This operator is not equipped for permanent wiring. Contact a qualified electrician to install a suitable receptacle if one is not available.

- Installation and wiring must be in compliance with your local building and electrical codes.
- This operator is not equipped for permanent wiring. Contact a qualified electrician to install a suitable receptacle if one is not available.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- Connect the power cord only to properly earthed mains. If an extension lead must be used, make sure it is a 3-core lead and approved to 7 amp capacity.
- This unit is not user serviceable. Unplug the power cord before removing the cover. Ensure that the power cord is attached clear of all moving parts. Ignoring these instructions can cause electric shock.

Please read these important safety rules

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

This automatic garage door operator 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 installation instructions and the safety warnings may result in death, serious personal injury and/or property damage.



CAUTION:

- 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.
- Keep the garage door balanced. Sticking or binding doors must be repaired. Garage doors, door springs, brackets and their hardware are under extreme tension and can cause serious personal injury. Do not attempt any garage door adjustment. Do not use if repair or adjustment is needed. Call for professional garage door service.
- Position the Garage Door Operator so that the power plug is accessible when inserted into the power outlet.
- Install the wall transmitter in a location where the garage door is visible, but out of the reach of children at a height of at least 5 feet (1.53m).
- To avoid serious personal injury from entanglement, remove all unnecessary ropes or chains and disable any equipment such as locks which are not needed for powered operation.
- Do not wear rings, watches or loose clothing while installing or servicing a garage door operator.
- Ensure ladder is the correct type for the job and is on flat ground. We recommend the user has 3 points of contact while on ladder.
- Activate the operator only when the garage door is in full view, free of obstructions and with the operator properly adjusted.
- The operator is not intended for use by young children or infirm persons without supervision.
- Keep transmitters away from children.
- Do not allow children to play with door controls.

2. Sécurité



AVERTISSEMENT ! pour la sécurité des usagers, il est essentiel de suivre toutes les instructions. Le non-respect des instructions d'installation et des avertissements de sécurité peut causer de graves blessures et/ou endommager l'appareil et la télécommande. Conservez ces instructions en lieu sûr.

- Cet appareil doit être installé conformément aux normes US et canadiennes en vigueur.
- Pour réduire le risque de blessure corporelle, utilisez cet appareil uniquement avec une porte de section. N'installez PAS le produit sur des portes de type J ou monobloc.
- Cet appareil est un accessoire domestique conçu pour être utilisé uniquement à l'intérieur. Il doit être installé au sec et à l'abri des intempéries.
- La porte doit être équipée de faisceaux de sécurité.
- Activez l'appareil uniquement lorsque la porte du garage est à la vue, exempte d'obstacles et avec l'appareil bien réglé.
- La télécommande radio permet d'actionner la porte lorsque l'utilisateur est hors de la ligne de vue de la porte et de l'appareil. En conséquence, la porte risque de s'ouvrir ou se fermer inopinément et vous devez éviter de laisser des objets sur sa course ou à proximité.
- Suivez la porte pendant l'ouverture ou la fermeture, et veillez à ce que personne ne se trouve à proximité tant qu'elle n'est pas complètement ouverte ou fermée.



ÉLECTROCUTION : Pour réduire les risques d'électrocution, cet appareil est équipé d'une fiche avec broche de mise à la terre. Cette fiche ne peut être branchée que dans une prise avec mise à la terre. S'il n'est pas possible de la brancher dans la prise, faites poser une prise appropriée par un électricien qualifié. Ne pas modifier la fiche. Ce matériel est pas équipé pour le câblage permanent. En l'absence de réceptacle approprié, contactez un électricien qualifié pour en installer un.

- L'installation et le câblage doivent être effectués conformément aux codes de la construction et de l'électricité en vigueur.
- Cet appareil n'est pas équipé pour un câblage permanent. En l'absence de réceptacle, contactez un électricien qualifié pour en installer un.
- Si le cordon électrique est abîmé, il doit être remplacé par le fabricant, son SAV agréé ou un technicien qualifié.
- Branchez le cordon électrique uniquement à une prise secteur dûment reliée à la terre. Si vous devez utiliser une rallonge, assurez-vous qu'elle est tripolaire et d'une capacité de 7 ampères.
- Cet appareil n'est pas réparable par l'utilisateur. Avant de retirer le capot, débranchez le cordon électrique. Assurez-vous qu'il ne risque pas d'entrer en contact avec des pièces en mouvement. Le non-respect de ces instructions peut avoir une électrocution pour conséquence.

Lisez attentivement ces règles de sécurité.

Ces pictogrammes indiquent une consigne de sécurité pour les personnes ou les biens. **LISEZ CES INSTRUCTIONS ATTENTIVEMENT.**

Cette commande automatique pour porte de garage est conçue et testée pour fonctionner en toute sécurité. Pour ce faire, elle doit être installée et utilisée dans le strict respect des règles de sécurité suivantes. Le non-respect des instructions d'installation et des avertissements présente un risque de mort, de blessure grave et/ou de préjudice pour les biens.



PRUDENCE :

- Si votre garage ne comporte pas de porte pour piétons, il convient d'installer un dispositif d'accès d'urgence. Cet accessoire permet d'actionner la porte de garage manuellement de l'extérieur en cas de panne d'électricité.
- Veillez à ce que la porte du garage soit bien équilibrée. Si une porte reste « collée » ou qu'elle « accroche », elle doit être réparée. Les portes de garage, les ressorts de porte, les pattes de fixation et les éléments matériels sont soumis à une tension extrême et peuvent blesser gravement. Ne tentez pas de régler la porte de garage par vous-même. Ne l'utilisez pas si une réparation ou un réglage est nécessaire. Faites appel à un technicien spécialisé.
- Positionnez le dispositif de commande de manière à ce que la prise de courant soit accessible lorsqu'elle est branchée.
- Installez l'émetteur mural à un emplacement où la porte du garage est visible, mais hors de portée des enfants, à une hauteur d'au moins 1,50 m.
- Rangez cordes et chaînes pour éviter de vous blesser, et désactivez les serrures et autres équipements qui ne sont pas nécessaires pour une utilisation sous tension.
- Pendant l'installation ou la réparation d'un dispositif de commande de porte de garage, retirez bijoux et montre, et attachez vos vêtements.
- Utilisez un escabeau adéquat et stable. Lorsque l'utilisateur se tient sur un escabeau, il est conseillé de veiller à ce que les points de contact soient au nombre de trois.
- Activez l'appareil uniquement lorsque la porte du garage est à la vue, exempte d'obstacles et avec l'appareil bien réglé.
- L'appareil ne doit pas être utilisé sans supervision par de jeunes enfants ou des personnes infirmes.
- Les émetteurs doivent rester hors de portée des enfants.
- N'autorisez pas les enfants à jouer avec les commandes de porte.

3. 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 closing, 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 opening, 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.
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.

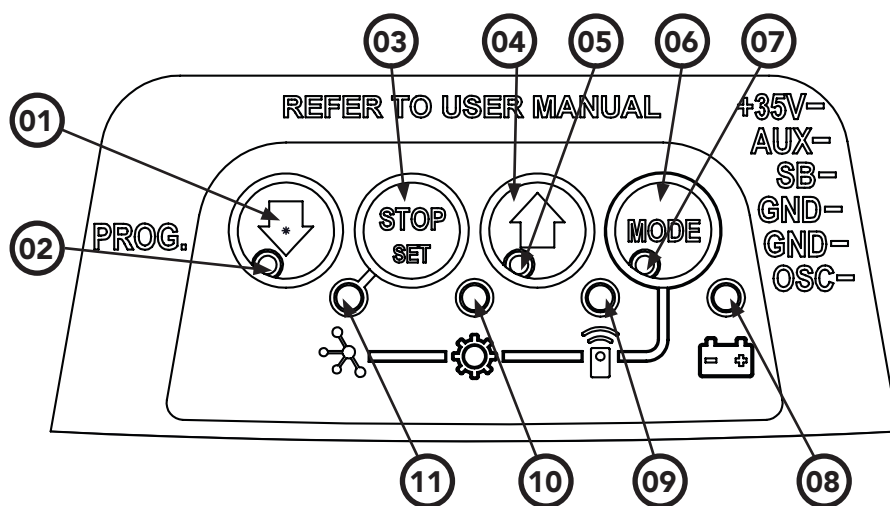


Fig.3.1

4. Kit Contents

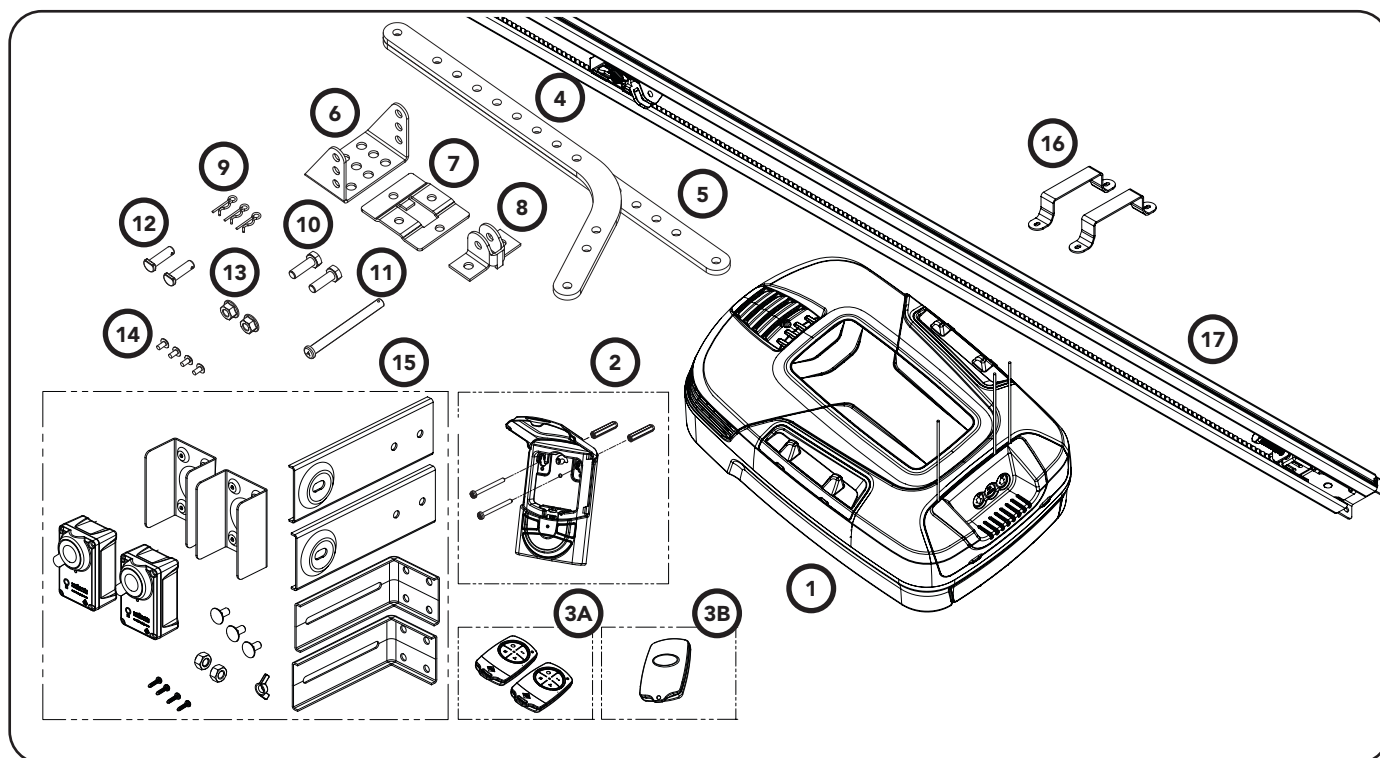


Fig.4.1

- | | |
|-------------------------------------|--|
| 1. 1 x ATS drive unit | 8. 1 x Door bracket |
| 2. 1 x Premium Wall Control kit | 9. 3 x Pin Snap SSP 8 ZNU 31080 |
| 3. (A) 2 x Premium Remote Control | 10. 2 x Hex Head screw M8x25 |
| (B) 1 x Homelink Transmitter | 11. 1 x Pin 0890 |
| 4. 1 x Bent arm door attachment | 12. 2 x Clevis Pin 0829 |
| 5. 1 x Straight arm door attachment | 13. 2 x Hex Serration flange nut M8 |
| 6. 1 x Wall bracket TS01 | 14. 4 x Hex flange screw taptite 'S' M4 x 10 |
| 7. 1 x Door bracket Locator | 15. 1 x Wired Safety Beam kit |

PLUS

- 16. 2 x Track Bracket
- 17. 1 x Pre-Assembled C-Rail

NOTE: Chain/belt in one piece rail has been tensioned by the factory. Do not adjust the tension of the chain/timing belt.

IMPORTANT NOTE: If modification to the track length required, adjustment must be made only from power head end.

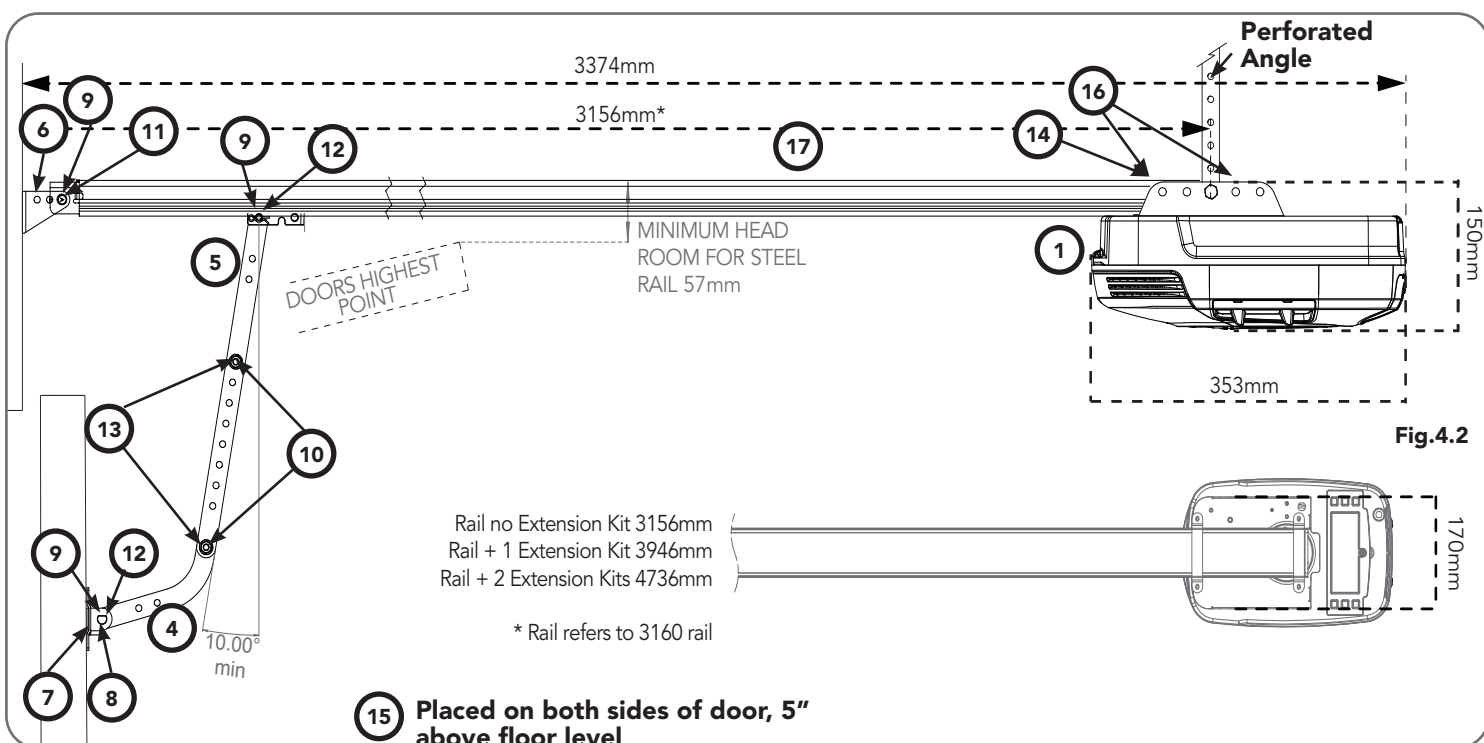


Fig.4.2

5. Operator Safety & Security

MANUAL RELEASE !

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 operator to manual operation with children/persons or any objects including motor vehicles within the doorway.

IN THE EVENT THE DOOR BECOMES OBSTRUCTED DETACH DOOR FROM OPERATOR AS FOLLOWS:
SI LA PORTE EST BLOQUÉE, DÉTACHEZ-LA DU DISPOSITIF DE COMMANDE EN PROCÉDANT COMME SUIT :

AVERTISSEMENT : Lorsque vous utilisez le déclenchement manuel (alors que la porte est ouverte), la porte peut tomber rapidement si les ressorts sont fatigués ou brisés, ou parce qu'elle est mal équilibrée.
NE PAS désengager l'opérateur en mode manuel lorsque des enfants/personnes, ou des objets tels que des véhicules à moteur, sont dans le passage.

DÉBLOCAGE MANUEL !

5.1 Manual Door Operation

To disengage the operator from the door (preferably with the door in the closed position), pull down on the string handle on an angle toward the door (Fig 5.1). This will allow you to manually open or close the door.



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

ATTENTION : Ne pas utiliser la poignée de chaîne pour ouvrir la porte. Le non-respect de cette consigne peut provoquer des blessures graves.

To re-engage the operator pull the string handle away from the door - see Re-Engaging the Operator.

5.2 Emergency Evacuations

In emergencies the garage door can be disengaged from the operator, via the manual release cord and the door opened manually. The manual release cord should be a maximum of 1.8m from the ground. The cord can be adjusted for special considerations.

5.3 Power Failure

When there is a power failure, the operator will be unable to automatically open or close your garage door. To use your door whilst there is no power you will need to disengage the operator and use the door manually – see 5.1 Manual Door Operation.

5.4 Re-Engaging the Operator

When the door has been disengaged from the opener, the shuttle assembly, attached to the manual release cord, can move up and down the chain. Re-engage the opener (Fig 5.1) (preferably with the door open to waist height) and then press the programmed transmitter button, the motor will run until the shuttle assembly engages the chain index on the chain, you will hear it click into place. Then the door will operate as normal.

5.5 Security - Inbuilt Locking Facility

DO NOT lock your door when your operator is engaged as it has inbuilt locking facility. With the opener engaged your door will be locked whether the power is on or off.



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

ATTENTION : Quand le dispositif est désengagé manuellement, la porte n'est plus verrouillée. Pour verrouiller la porte manuellement, réengager le dispositif une fois la porte fermée.

Fig. 5.1

6. Installation Instructions

IMPORTANT INSTALLATION INSTRUCTIONS

WARNING! TO REDUCE THE RISK OF SEVERE INJURY OR DEATH:

- (1) READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS.
- (2) INSTALL ONLY ON A PROPERLY OPERATING AND BALANCED GARAGE DOOR. AN IMPROPERLY BALANCED DOOR HAS THE POTENTIAL TO INFLICT SEVERE INJURY. HAVE A QUALIFIED SERVICE PERSON MAKE REPAIRS TO CABLES, SPRING ASSEMBLIES, AND OTHER HARDWARE BEFORE INSTALLING THE OPENER.
- (3) REMOVE ALL PULL ROPES AND REMOVE, OR MAKE INOPERATIVE ALL LOCKS CONNECTED TO THE GARAGE DOOR BEFORE INSTALLING OPENER.
- (4) WHERE POSSIBLE, INSTALL THE DOOR OPENER 7 FEET OR MORE ABOVE THE FLOOR. FOR PRODUCTS HAVING AN EMERGENCY RELEASE, MOUNT THE EMERGENCY RELEASE WITHIN REACH BUT AT LEAST 6 FEET ABOVE THE FLOOR AND AVOIDING CONTACT WITH VEHICLES TO AVOID ACCIDENTAL RELEASE.
- (5) DO NOT CONNECT THE OPENER TO SOURCE OF POWER UNTIL INSTRUCTED TO DO SO.
- (6) LOCATE THE CONTROL BUTTON:
 - (i) WITHIN SIGHT OF DOOR,
 - (ii) AT A MINIMUM HEIGHT OF 5 FEET ABOVE FLOORS, LANDINGS, STEPS OR ANY OTHER ADJACENT WALKING SURFACE SO SMALL CHILDREN ARE NOT ABLE TO REACH IT, AND
 - (iii) AWAY FROM ALL MOVING PARTS OF THE DOOR.
- (7) INSTALL THE ENTRAPMENT WARNING LABEL NEXT TO THE CONTROL BUTTON IN A PROMINENT LOCATION. INSTALL THE EMERGENCY RELEASE MARKING. ATTACH THE MARKING ON OR NEXT TO THE EMERGENCY RELEASE.
- (8) AFTER INSTALLING THE OPENER, THE DOOR MUST REVERSE WITHIN 2 SECONDS WHEN IT CONTACTS A 1 1/2-INCH HIGH OBJECT (OR A 2 BY 4 BOARD LAID FLAT) ON THE FLOOR.
- (9) FOR PRODUCTS HAVING A MANUAL RELEASE, INSTRUCT THE END USER ON THE OPERATION OF THE MANUAL RELEASE.

AVERTISSEMENT -

POUR RÉDUIRE LES RISQUES DE BLESSURES GRAVES OU DE MORT :

- (1) LISEZ CETTE NOTICE ET CONFORMEZ-VOUS AUX INSTRUCTIONS.
- (2) NE POSEZ CET OUVERTE-PORTE QUE SUR UNE PORTE DE GARAGE CORRECTEMENT ÉQUILIBRÉE. UNE PORTE MAL ÉQUILIBRÉE PEUT CAUSER DES BLESSURES GRAVES. CONFIEZ LA RÉPARATION DES CABLES, DES RESSORTS ET DE TOUT AUTRE ÉLÉMENT À UN TECHNICIEN QUALIFIÉ AVANT D'ENTREPRENDRE L'INSTALLATION.
- (3) ENLEVEZ LES CORDES ET ENLEVEZ OU NEUTRALISEZ TOUT DISPOSITIF DE VERROUILLAGE SOLIDAIRE DE LA PORTE DE GARAGE AVANT L'INSTALLATION.
- (4) DANS LA MESURE DU POSSIBLE, INSTALLEZ L'OUVERTE-PORTE À AU MOINS (7 PI) DU SOL. POSEZ LE DISPOSITIF DE DESACCOUPLLEMENT D'URGENCE À AU MOINS (6 PI) DU SOL EN ÉVITANT LE CONTACT AVEC DES VÉHICULES POUR ÉVITER TOUT DÉCLENCHEMENT ACCIDENTEL.
- (5) NE BRANCHEZ PAS L'OUVERTE-PORTE AVANT D'Y ÊTRE AUTORISÉ PAR LA NOTICE.
- (6) INSTALLEZ LE BOUTON DE COMMANDE :
 - (i) À UN ENDROIT QUE L'ON PEUT VOIR DE L'EMBRASURE DE LA PORTE ;
 - (ii) À UNE HAUTEUR MINIMALE DE 1.5 M (5 PI) DU SOL - AFIN QUE LES JEUNES ENFANTS NE PUISSENT PAS L'ATTEINDRE; ET
 - (iii) À L'ÉCART DES PIÈCES MOBILES DE LA PORTE.
- (7) APPOSEZ L'ÉTIQUETTE DE MISE EN GARDE RELATIVE AU DANGER DE HAPPEMENT À PROXIMITÉ DU BOUTON DE COMMANDE ET L'ÉTIQUETTE RELATIVE AU REGLAGE DE LA COMMANDE À UN EMPLACEMENT EN ÉVIDENCE - PAR EXEMPLE SUR LA PAROI INTÉRIEURE DE LA PORTE DE GARAGE OU SELON LES INSTRUCTIONS DE LA NOTICE D'INSTALLATION.. APPOSEZ L'ÉTIQUETTE RELATIVE AU DESACCOUPLLEMENT D'URGENCE SUR LE DISPOSITIF OU À PROXIMITÉ DE CE DERNIER.
- (8) UNE FOIS L'OUVERTE-PORTE INSTALLÉ, LE SENS DE LA COURSE DOIT S'INVERSER LORSQUE LA PORTE ENTRE EN CONTACT AVEC UN OBJET D'UNE HAUTEUR DE 38 MM (1 1/2 PO) (OU UN MADRIER DE 2 X 4 PO DE SECTION, À PLAT) POSÉ SUR LE SOL.
- (9) POUR LES PRODUITS MUNIS D'UN DISPOSITIF DE DESACCOUPLLEMENT MANUEL, INDIQUEZ À L'UTILISATEUR FINAL LA PROCÉDURE D'UTILISATION DU DISPOSITIF.

6.1 C-Rail Assembly

6.1.1 Installing the C-Rail

- Remove the Opener from the box.
- Locate and insert the shaft of drive unit (1) into the C-Rail's sprocket as shown in **Fig 6.1**.
- Fix the two track brackets (16) with four (4) M4 x 8 screws (14) supplied in accessory pack (**Fig 6.1.2**).
- Place drive unit back in packing box for protection.



ELECTROCUTION! This operator is not equipped for permanent wiring. Contact a qualified electrician to install a suitable receptacle if one is not available.

AVERTISSEMENT! Ce dispositif d'ouverture n'est pas conçu pour un câblage permanent. En l'absence de réceptacle approprié, contactez un électricien qualifié pour en installer un.

Fig. 6.1.1

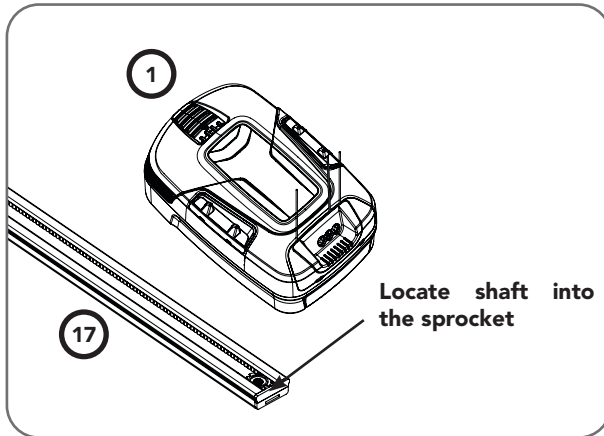
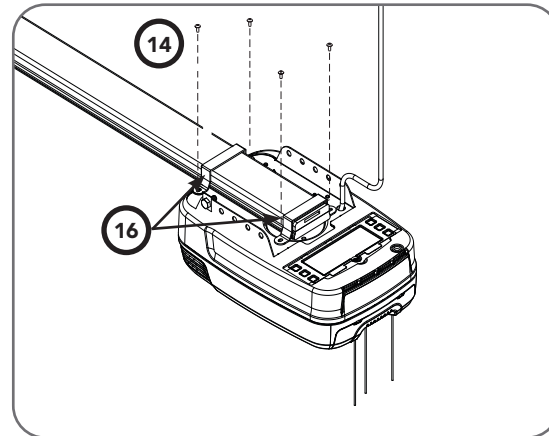


Fig.6.1.2



6.2 Mounting Operator for a Track Type Door



WARNING! To reduce the risk of injury to persons - Use this operator only with a sectional door.

AVERTISSEMENT! Pour réduire les risques de blessure, utilisez ce dispositif d'ouverture uniquement avec une porte sectionnelle.

6.2.1 Determine Bracket Position

- Determine the centre of the door and mark this point with a line on the wall above.
- Raise the door and find the highest point of travel of the first (top) door panel.
- Using step ladder and a level, transfer this height to the wall above the door and mark a line 2.36" (60mm) above it, across the centre line (**Fig.6.2.1**).

6.2.2 Mounting the Wall Bracket

- Draw two lines extending 0.846" (21.5mm) from each side of the centre point (**Fig.6.2.2**).
- 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.
- Drill holes in the wall with an appropriate bit.
- Secure to the wall using:
 - IF CONCRETE OR BRICK:
5/8" (8mm) loxins/dynabolts.
 - IF TIMBER:
wood screw #20 or similar (minimum 1.97" 50mm long) (**Fig.6.2.2**).

WARNING!: Make sure concrete, brick wall or timber lintels are solid and sound so as to form a secure mounting platform.

6.2.3 Attach the C-Rail to the Wall Bracket

- Leave the drive unit in its packing box on the floor for protection and lift the other end of the C-Rail.
- Attach the C-Rail assembly (17) to the wall bracket (6) with the 3.54" (90mm) long pin (11) and secure with the supplied pin snap (9) (**Fig.6.2.3**).

Fig.6.2.1

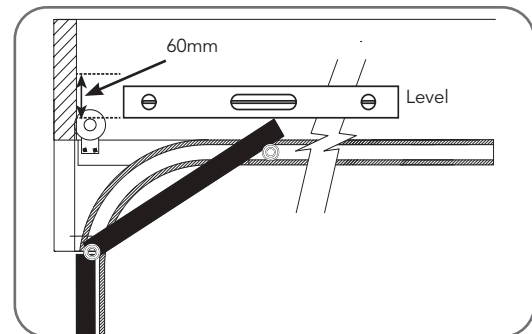


Fig.6.2.2

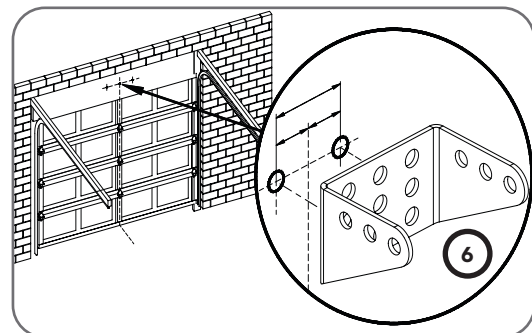
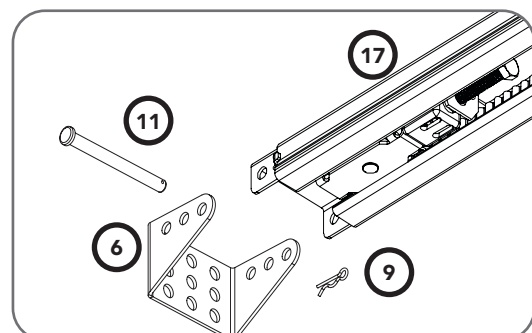
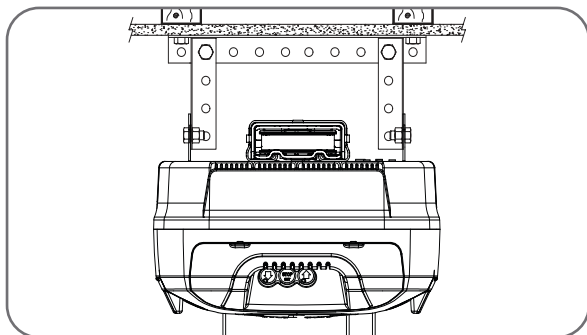


Fig.6.2.3



6.2 Mounting Operator for a Track Type Door

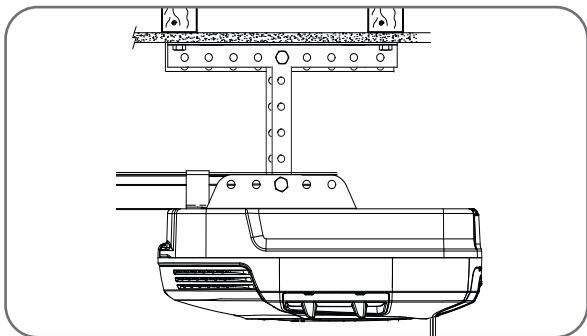
Fig.6.2.4



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.

Fig.6.2.5



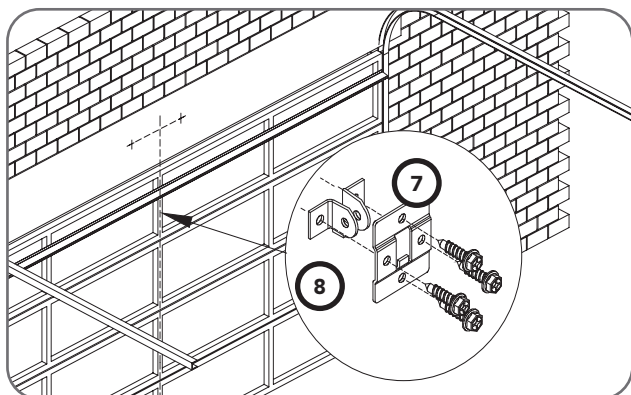
Ceiling Beams that run parallel to the door requires:

- 2 x perforated L shape metal strips and
- 2 x shorter perforate L shape metal drop down strips.



Straighten the antenna on the opener, by pulling straight down to ensure optimal reception.

Fig.6.2.6



6.2.4 Securing the Powerhead Perforated Angle or equivalent

- a. Measure across the ceiling from the centre point 10.3 ft (+/- 2") 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 (**Fig.6.2.4 & Fig.6.2.5**).
- c. Raise the drive unit to the ceiling mounted perforated angle and secure with ⁵/₁₆ screws and nuts (not supplied). Strips should not extend more than 0.708" (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.



WARNING! The operator must be securely fastened to a structural support of the garage. Failure to fasten the operator correctly may lead to operator failure causing serious personal injury and/or property damage.

AVERTISSEMENT ! Le dispositif d'ouverture doit être solidement fixé à un support structural du garage. Sinon, les utilisateurs risquent de se blesser ou le matériel de s'abîmer.



ELECTROCUTION! This operator is not equipped for permanent wiring. Contact a qualified electrician to install a suitable receptacle if one is not available.

AVERTISSEMENT ! Ce dispositif d'ouverture n'est pas conçu pour un câblage permanent. En l'absence de réceptacle approprié, contactez un électricien qualifié pour en installer un.

6.2.6 Mounting 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 1/4" or equivalent screws (not supplied) (**Fig 6.2.6**),
- b. STEEL DOORS ONLY: Bracket can be welded in place.

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

REMARQUE : Étant donné qu'il existe divers types de porte, il est possible d'ajouter un renfort au cadre du panneau en cas de doute quant à sa solidité. Le panneau de porte peut être endommagé si la patte de support est mal fixée et s'il est insuffisamment rigide. La garantie du dispositif d'ouverture de la porte ne couvre pas les dommages causés à la porte et/ou au panneau par le dispositif d'ouverture.

6.3 Safety Beam Installation

IMPORTANT NOTE: The Safety Beam must be installed and connected before the travel limits are set.

IMPORTANT : Le faisceau de sécurité doit être installé et connecté avant de définir les fins de course.

6.3.1 Safety Infra-Red Beam Kit (P/N 62047)

A Safety Beam extends across the door opening. This Safety Beam is designed to detect an obstruction while the door is closing and to send a signal to the door operator to reverse or stop the door movement. **Install the Safety Beam indoor only.**

6.3.2 Assembling the Mounting Bracket

- Place the round screw (3) through the Bracket (5). Attach the Safety Beam Transmitter (TX) using four (4) M3 x 5 Taptite screws (4) (Fig. 6.3.1).
- Connect the mounting bracket (2) to the Bracket (5) using the wing nut (8) onto the round screw (3). Secure the adjustment bracket (6) to the mounting bracket (2) using two (2) screws (3) and nuts (7).
- Repeat steps (a) and (b) to assemble the Safety Beam Receiver (RX).
- Locate the Safety Beam in a strategic location in the door opening.

We recommend that the sensor is placed no higher than 6" and no lower than 5" above the floor level. The mounting surface should be rigid.

6.3.3 PE Assist Alignment

- Wire the PE Beams as per Wiring Diagram (Fig. 6.3.2).
- Remove the glass protectors from both the Transmitter and Receiver.
- After the beams are installed the beam alignment feature of the opener can be used.
- Turn power on to the opener.
- Align the safety beams by moving them per Fig 6.3.3 and using the main light as a guide:
 - bright = aligned
 - dull = not aligned or blocked

When the beams are aligned, continue with Setting Limits.

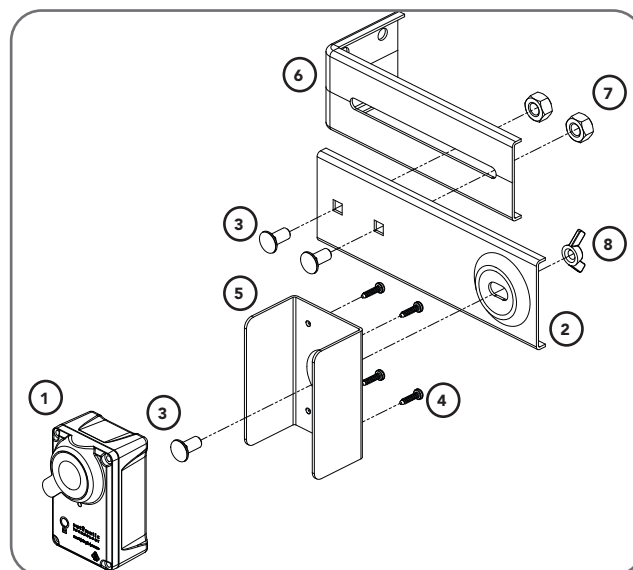


Fig.6.3.1

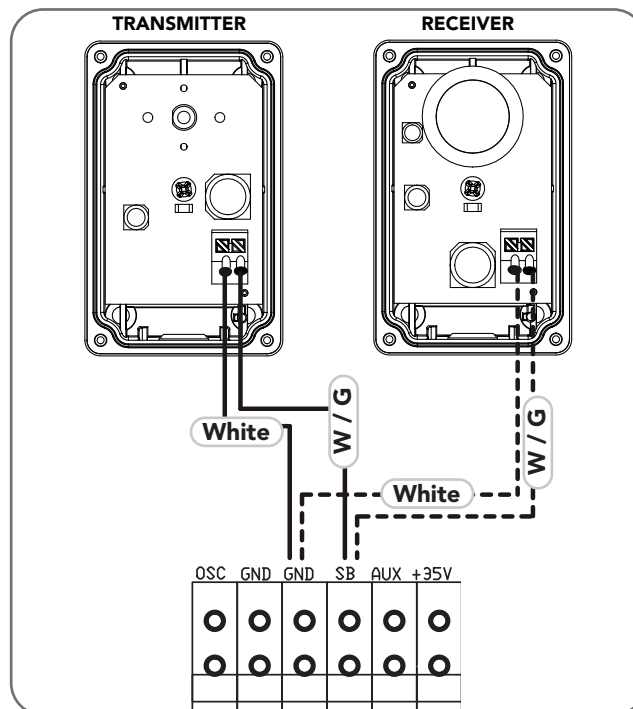


Fig.6.3.2



WARNING: When the Safety Beam is fitted, the doorway must be clear of all obstructions and persons at all times. Incorrect location of the safety beams may not give safety protection at all times. Check to make sure that the height of the beam gives maximum protection.

AVERTISSEMENT : Lorsque le faisceau de sécurité est en place, le passage doit être dégagé en permanence. Si le faisceau est mal placé, la sécurité ne peut pas être assurée correctement. Assurez-vous que la hauteur du faisceau assure une protection maximale.



WARNING: Connect the Safety Beam as per diagram in Fig 6.3.2. Tampering with the Safety Beam could result in serious personal injury and/or property damage and will void the warranty.

AVERTISSEMENT : Raccordez le faisceau de sécurité conformément au schéma Fig. 6.3.2. Saboter le faisceau de sécurité présente un risque de blessure corporelle grave et/ou de dommages matériels, et annule la garantie.

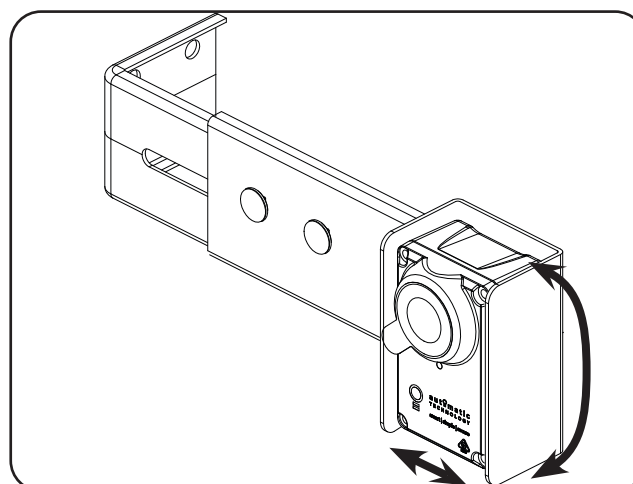


Fig 6.3.3

6.4 Setting Speed and Limits

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

tip Refer to Appendix G for setting limits via a Premium Remote Control.

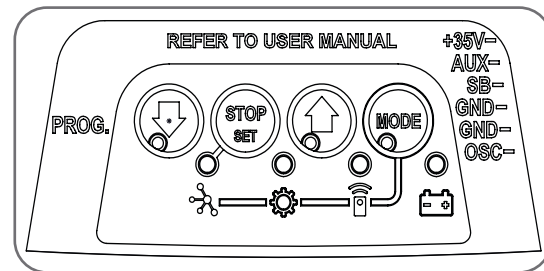


Fig.6.4.1

6.4.1 Set the Limit Positions and adjust drive speed:

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

NOTE: The drive speed is set to the fastest setting by default. This may not be suitable for larger doors or for single piece doors. For tilt doors (J-Type only), please refer to Appendix E for initial setup.

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

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

will start to flash and the GEAR  LED is lit to indicate that the opener is ready to set the Close travel limit (**Fig 6.4.1**).

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

CLOSE limit:

- Press and hold the CLOSE button  to start closing the door, taking note of the speed the door moves.
- 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.
- Once at the desired speed, release the CLOSE button.
- 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.

AVERTISSEMENT : Ne pas forcer la porte contre le sol lors du réglage de fin de course, car une force excessive peut entraver le fonctionnement du système de déclenchement manuel.

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

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

6.4.2 Clearing the Door Limit Positions

Limit positions can be deleted by:

- Press the MODE button repetitively until the GEAR  LED is lit.
- Press and hold the MODE button for 10 secs, let the MODE button go when the main light stops flashing.
- 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.

OPEN limit:

- Press and hold the OPEN button  to start opening the door, taking note of the speed the door moves.
- 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.
- Once at the desired speed, release the OPEN button.
- Continue inching the door to the desired position.
- To set the open limit, inch the door by making single presses of

the OPEN button  to the desired position. We recommend the OPEN limit position being the height of the garage opening.

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

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

AVERTISSEMENT : La porte va se fermer puis s'ouvrir automatiquement, avant de se fermer. S'assurer que rien ne bloque l'ouverture ou la fermeture de la porte.

- 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.

tip Refer to Appendix B & C for adjustments to margins.

6.4.3 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:

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

6.5 Safety Testing

6.5.1 Obstruction Detection Test

Check the Safety Beam photoelectric sensor is operating after the installation.

- Place an obstruction (white vertical surface 6 in. high by 12 in. wide) in the center of the opening, perpendicular to the plane of the door when in the closed position as per **Fig 6.5.1**.
- Press the CLOSE button  or the Premium Remote Control button to close the door. The photoelectric sensor shall sense an obstruction as described above. The door will not move more than an inch (2.54cm), and the opener lights will flash.

6.5.2 Test the Close Cycle and Safety Reversal

- Press the OPEN button  or Premium Remote Control button to open the door (If the door starts closing, press the Premium Remote Control button to stop the door, then press Premium Remote Control button again to open).
- Place an object approximately 1-1/2" to 1" (25mm) high (or a 2"x 4" board laid flat, with 2" facing the door) on the floor directly under the door, **Fig 6.5.2**.
- Press the Premium Remote Control button to close door.
- The door should strike the object and re-open within 2 seconds.
- Remove the timber.



IMPORTANT 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. Repair fault and re-test before using.

AVERTISSEMENT: Si la porte est en train de se refermer et ne peut pas être rouverte, arrêtez de l'utiliser. N'utilisez pas une porte dont les détecteurs d'obstacles sont défectueux. Réparez-les et refaites un essai.

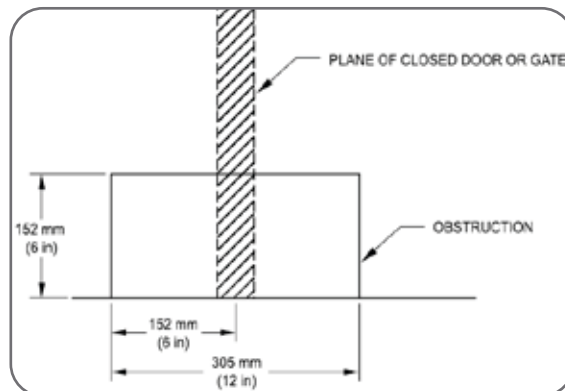


Fig.6.5.1



CAUTION: Take care when testing the safety obstruction force. Excessive force may cause serious personal injury and/or property damage can result from failure to follow this warning.

ATTENTION: Testez la résistance aux obstacles avec précaution. Une force excessive présente un risque de blessure corporelle grave et/ou d'endommager le matériel si vous ne respectez pas cet avertissement.

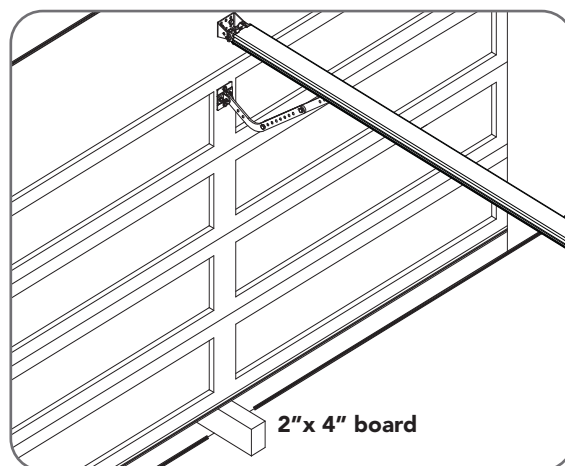


Fig.6.5.2

6.5.3 Testing the Open Cycle

- Press the CLOSE button  or Premium Remote Control button to close the door.
- Press the Premium Remote Control button again to open the door.
- When the door reaches approximately half way, firmly grab the door's bottom rail - the door should stop.

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

6.5.4 Test the Manual Door Operation

Periodically disengage the opener and manually operate the door. The door must be smooth to operate by hand. The force required on the bottom rail should not exceed 44lbs (20kg).

6.6 Coding Premium Remote Controls

6.6.1 Setting Remote Control Functions

The opener can only be operated from 4-button Premium Remote Control that have been programmed into its memory. Up to 64 codes can be stored in the memory.

- Press the MODE button repetitively until the TRANSMIT LED is lit.
- Press and HOLD the button/s indicated in the **Fig 6.6.1** to set the required remote control function. The Main light will start to flash rapidly.
- Press one of the four (4) buttons on the Premium Remote Control (3A) (**Fig 6.6.2**) until the main light starts to flash rapidly, then release Premium Remote Control button.
- Press the Premium Remote Control button again until the main light stops flashing rapidly.
- Release both buttons. The Premium Remote Control button is now coded, press to test.

NOTE: Refer to the Light indicator table for the details of the Premium Remote Control status.

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



WARNING! The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

AVERTISSEMENT! Le fabricant n'est pas responsable des éventuelles interférences avec la réception de la radio ou de la TV due à une modification de cet équipement effectuée sans autorisation. De telles modifications peuvent invalider le droit à utiliser l'équipement.

REMOTE CONTROL FUNCTION	BUTTON		
			
Open / Stop / Close	HOLD		
PET (Pedestrian) Mode		HOLD	
Open			HOLD
Light	HOLD	HOLD	
Vacation Mode	HOLD		HOLD

Fig.6.6.1



tip Refer to Appendix F to set the PET position before coding PET Mode.

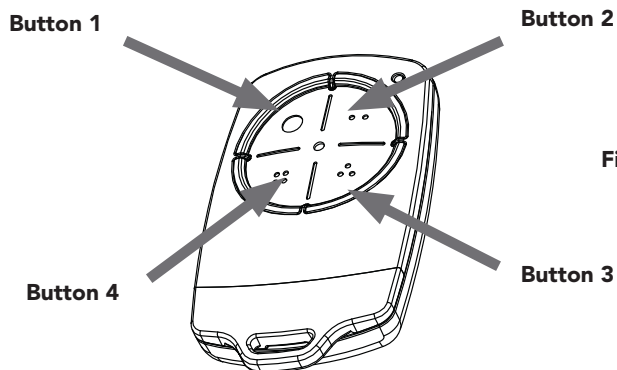


Fig.6.6.2

6.6 Coding Premium Remote Controls

TRANSMITTERS COMPLIANCE STATEMENT

TRANSMITTERS COMPLY WITH ALL UNITED STATES AND CANADIAN LEGAL REQUIREMENTS AS OF THE DATE OF MANUFACTURE. TO COMPLY WITH **FCC PART 15** AND OR **RSS 210 INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA** RULES, ADJUSTMENT OR MODIFICATIONS OF THIS RECEIVER AND / OR TRANSMITTER ARE PROHIBITED, EXCEPT FOR CHANGING THE CODE SETTING OR REPLACING THE BATTERY. THERE ARE NO OTHER USER SERVICEABLE PARTS. TESTED TO COMPLY WITH FCC STANDARD FOR HOME OR OFFICE USE. THIS DEVICE CONTAINS LICENCE-EXEMPT TRANSMITTER(S)/RECEIVER(S) THAT COMPLY WITH INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA'S LICENCE-EXEMPT RSS(S). OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.

(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION OF THE DEVICE.

NOTE: THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS B DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE IN A RESIDENTIAL INSTALLATION. THIS EQUIPMENT GENERATES, USES AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTIONS, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS. HOWEVER, THERE IS NO GUARANTEE THAT INTERFERENCE WILL NOT OCCUR IN A PARTICULAR INSTALLATION. IF THIS EQUIPMENT DOES CAUSE HARMFUL INTERFERENCE TO RADIO OR TELEVISION RECEPTION, WHICH CAN BE DETERMINED BY TURNING THE EQUIPMENT OFF AND ON, THE USER IS ENCOURAGE TO TRY TO CORRECT THE INTERFERENCE BY ONE OR MORE OF THE FOLLOWING MEASURES:

REORIENT OR RELOCATE THE RECEIVING ANTENNA

INCREASE THE SEPARATION BETWEEN THE EQUIPMENT AND RECEIVER

CONNECT THE EQUIPMENT INTO AN OUTLET ON A CIRCUIT DIFFERENT FROM THAT TO WHICH THE RECEIVER IS CONNECTED. CONSULT YOUR LOCAL DEALER OR AN EXPERIENCED RADIO/TV TECHNICIAN FOR HELP.

DÉCLARATION DE CONFORMITÉ DE L'ÉMETTEUR

LES ÉMETTEURS SONT CONFORMES À TOUTES LES EXIGENCES LÉGALES DES ÉTATS-UNIS ET DU CANADA À LA DATE DE FABRICATION. POUR SE CONFORMER AUX RÈGLES D'INNOVATION, **SCIENCE ET DÉVELOPPEMENT ÉCONOMIQUE CANADA PARTIE 15 ET OU RSS 210 DE FAC**. LES RÉGLAGES OU MODIFICATIONS DE CE RÉCEPTEUR ET/OU ÉMETTEUR SONT INTERDITS, À L'EXCEPTION DU CHANGEMENT DE CODE OU DU REMPLACEMENT DE LA BATTERIE. AUCUNE AUTRE PIÈCE NE PEUT ÊTRE RÉPARÉE PAR L'UTILISATEUR. L'ÉMETTEUR/RÉCEPTEUR EXEMPT DE LICENCE CONTENU DANS LE PRÉSENT APPAREIL EST CONFORME AUX CNR D'INNOCATION, SCIENCES ET DÉVELOPPEMENT ÉCONOMIQUE CANADA APPLICABLES AUX APPAREILS RADIO EXEMPTS DE LICENCE. L'EXPLOITATION EST AUTORISÉE AUX DEUX CONDITIONS SUIVANTES :

(1) CET APPAREIL NE DOIT PAS CAUSER D'INTERFÉRENCES ;

(2) CET APPAREIL DOIT ACCEPTER TOUTE INTERFÉRENCE EXTÉRIEURE, Y COMPRIS CELLES QUI SONT SUSCEPTIBLES DE PROVOQUER UN DYSFONCTIONNEMENT.

REMARQUE : CET ÉQUIPEMENT A ÉTÉ TESTÉ ET DÉCLARÉ CONFORME AUX LIMITATIONS APPLICABLES À UN APPAREIL NUMÉRIQUE DE CLASSE B, CONFORMÉMENT AUX DISPOSITIONS DE LA PARTIE 15 DES RÈGLES DE LA FCC. CES LIMITATIONS VISENT À ASSURER UNE PROTECTION SUFFISANTE CONTRE LES INTERFÉRENCES DANS UNE INSTALLATION RÉSIDENIELLE. CET ÉQUIPEMENT DÉGAGE, UTILISE ET PEUT DIFFUSER DES ONDES RADIO. S'IL N'EST PAS INSTALLÉ ET UTILISÉ CONFORMÉMENT AUX INSTRUCTIONS, LES INTERFÉRENCES PEUVENT PERTURBER LES COMMUNICATIONS RADIO. IL N'Y A TOUTEFOIS AUCUNE GARANTIE QUE DES INTERFÉRENCES NE SE PRODUIRONT PAS DANS UNE INSTALLATION DONNÉE. SI CET ÉQUIPEMENT VIENT À CAUSER DES INTERFÉRENCES AVEC LA RÉCEPTION DE LA RADIO OU DE LA TÉLÉVISION, CE QUI PEUT ÊTRE DÉTERMINÉ EN L'ÉTEIGNANT ET EN LE RALLUMANT, L'UTILISATEUR EST INVITÉ À Y REMÉDIER EN PRENANT UNE OU PLUSIEURS DES MESURES SUIVANTES :

RÉORIENTER OU DÉPLACER L'ANTENNE DE RÉCEPTION ;

ÉLOIGNER L'ÉQUIPEMENT DU RÉCEPTEUR ;

BRANCHER L'ÉQUIPEMENT DANS UNE PRISE DE COURANT D'UN CIRCUIT ÉLECTRIQUE DIFFÉRENT.

LE CAS ÉCHÉANT, CONSULTEZ VOTRE REVENEUR OU UN TECHNICIEN RADIO/TV EXPÉRIMENTÉ.

6.6 Coding Premium Remote Controls

6.6.2 Erasing All Premium Remote Control Codes

- Press the MODE button repetitively until the TRANSMIT  LED is lit.
- Press and hold the MODE button for 10 secs, let the MODE button go when the main light stops flashing.
- Follow steps a - e in 6.6.1 Setting the Premium Remote Control Code to code new remote controls.

6.6.3 Vacation Mode

- To turn on Vacation mode and lock out all remote controls, press the button on the remote programmed with Vacation Mode.
- To turn off Vacation Mode, press the Premium Remote Control button programmed to vacation mode to turn off.

6.6.4 Remotely Coding Premium Remote Controls

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

- Take any pre-coded Premium Remote Control. Press the button for the function to be duplicated and release.
- Using a small pen, press and hold firmly for two seconds the middle button, through the Coding Hole (**Fig 6.6.2**).
- Within ten (10) seconds take the additional remote control you wish to code. Hold the new remote controls button for two seconds, pause for two seconds, hold again for two seconds and then release.
- Wait for ten (10) seconds and then press the new remote controls button to test.

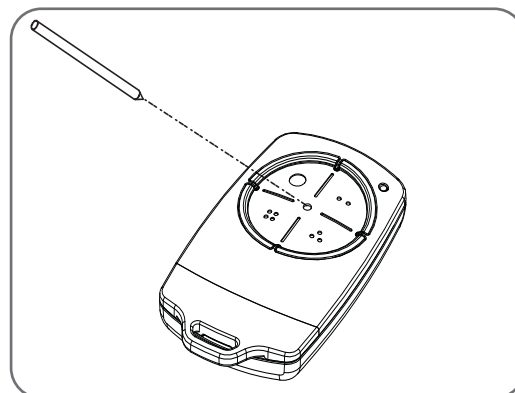


Fig.6.6.2

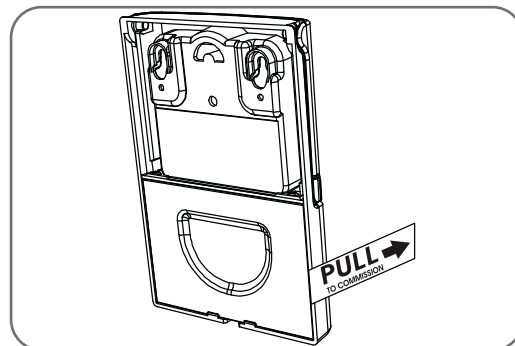


Fig.6.6.3

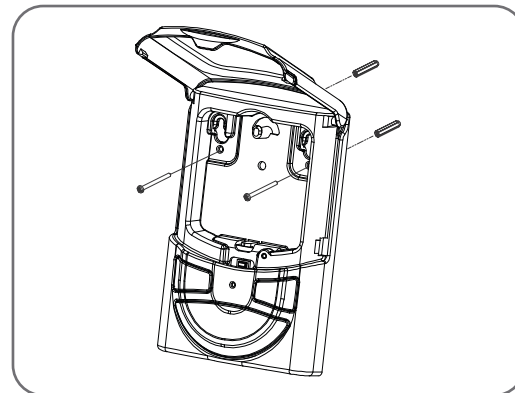


Fig.6.6.4

6.6.5 Install Premium Wall Control

- Turn the Premium Wall Control over and pull the tab to commission the battery.

(**Fig 6.6.3**)

- Store the Remote Control Function as per instructions in **Section 6.6.1**. Test the Premium Wall Control button.
 - Mount the Premium Wall Control using parts provided in a convenient location, yet out of reach of children and at least 5 feet off the ground.
- (**Fig 6.6.4**)
- Make sure the door is visible from this location.

IMPORTANT WARNING

LOCATE THE WALL MOUNTED REMOTE CONTROL:

- (1) WITHIN SIGHT OF DOOR.
- (2) AT MINIMUM HEIGHT OF 5 FEET ABOVE FLOORS, LANDINGS, STEPS OR OTHER ADJACENT WALKING SURFACE SO SHALL CHILDREN ARE NOT ABLE TO REACH IT, AND
- (3) AWAY FROM MOVING PARTS OF THE DOOR.
- (4) PLACE THE ATTACHED ENTRAPMENT WARNING LABEL ON WALL NEXT TO WALL MOUNTED TRANSMITTER. USE AN ADDITIONAL MECHANICAL MEANS (PLATE, BOARD, ETC.), WHICH CAN SECURE THE LABELS TO SURFACES TO WHICH THE ADHESIVE WILL NOT ADHERE.
- (5) DO NOT REMOVE OR PAINT OVER THIS LABEL.

IMPORTANT

PLACEZ LA TÉLÉCOMMANDE MURALE :

- (1) EN VUE DE LA PORTE.
- (2) À UNE HAUTEUR D'AU MOINS 1,50 M (5 PIEDS) AU-DESSUS DU SOL, DU PERRON, DES MARCHES, ETC. AFIN QUE LES PETITS ENFANTS NE PUISSENT PAS L'ATTEINDRE,
- (3) ET À DISTANCE DES ÉLÉMENTS MOBILES DE LA PORTE.
- (4) PLACEZ L'ÉTIQUETTE AVERTISSANT DU RISQUE DE SE FAIRE PIÉGER SUR LE MUR À PROXIMITÉ DE L'ÉMETTEUR. UTILISEZ UN SUPPORT PHYSIQUE SUPPLÉMENTAIRE (PLAQUE, PANNEAU, ETC.) PERMETTANT DE FIXER LES ÉTIQUETTES SI ELLES N'ADHÈRENT PAS À LA SURFACE DU MUR.
- (5) CETTE ÉTIQUETTE NE DOIT PAS ÊTRE RETIRÉE NI PEINTE.

6.7 Battery Backup

6.7.1 Connecting the Battery Backup

(Optional with ATS-3AM & ATS-2AM models)

- a. Remove the screw and open the cover to the batteries. **(Fig.6.7.1)**



WARNING! After Step (c) the opener may become active (even when power is off). This is a result of a residual charge in the batteries.

AVERTISSEMENT! Après l'étape (b) l'opérateur peut devienra actif (même alimentation est éteinte). Ceci est un résultat d'une charge résiduel dans les batteries.

- b. Connect the coupling blue harness **2A** to the red plus terminal **A+** on Battery **A**, then connect coupling blue harness **2B** to the black minus terminal **B-** on Battery **B**.
- c. Connect the coupling black wire **4A** to the black minus terminal **A-** on Battery **A**, then connect coupling red wire **4B** to the red plus terminal **B+** on Battery **B**.
- d. Close the cover, securing with screw and reconnect power.

NOTE: Batteries may take up to 24 hours to charge fully after initial installation.

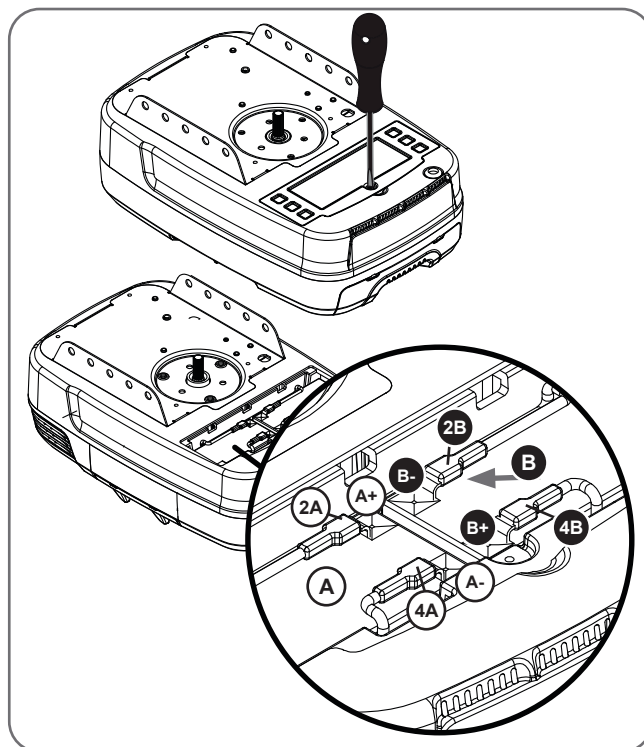


Fig.6.7.1

6.7.2 Test the Opener

- 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.

6.7.3 LED Battery indicator

Battery LED 	Battery Status
OFF	Not Fitted / Not used
ON	Charged
Blink every 2 sec	In use
Flashing	Charging
Rapid Flashing	Battery Fault

6.8 Accessories

6.8.1 Terminal Block

Wired accessory items can be connected to the terminal block **J4**.

Terminal connections from top down are as follows **(Fig. 6.8.1)**:

- +35V (Auxillary)
- AUX (Auxillary)
- SB (Safety Beam input, mandatory);
- GND (Common ground for accessories and Safety Beam);
- GND (Common ground)
- OSC (Open/Stop/Close trigger)

Refer to Appendix B for how to adjust parameters.

6.8.2 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.

NOTE: If an Auto-lock is installed ensure that the channels on the transceivers on each device are different. The channel on the transceiver can be changed by sliding the switch in either direction

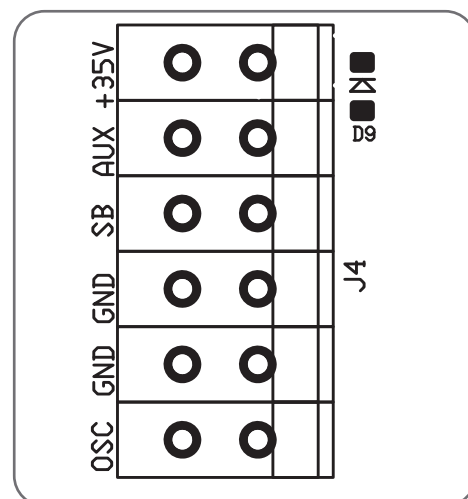


Fig.6.8.1

6.9 Auto-Ki Smart Phone Control

(ATS-3AM & ATS-3AMB Only)

CLASS B DEVICE CAN ICES-3 (B)/NMB-3 (B)

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

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

To comply with FCC/IC RF exposure limits for general population / uncontrolled exposure, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 7.87in (20cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.



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

This network device allows for unattended operation of the door when not in line-of-sight of the door 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.**

Tout changement ou toute modification non expressément approuvée par la partie responsable de la conformité est susceptible d'annuler le droit de l'utilisateur d'utiliser l'équipement.

La télécommande radio permet d'actionner la porte lorsque l'utilisateur est hors de la ligne de vue de la porte et de l'appareil.

En conséquence, la porte risque de s'ouvrir ou se fermer inopinément et vous devez éviter de laisser des objets sur sa course ou à proximité. Lorsque la porte ne fonctionne pas automatiquement, surveillez-la lorsqu'elle bouge et éloignez toute personne jusqu'à ce qu'elle soit complètement ouverte ou fermée. **Le contact avec la porte en mouvement peut provoquer des blessures graves ou des dommages matériels.**

6.9 Auto-Ki Smart Phone Control (ATS-3AM & ATS-3AMB Only)



Your opener must be fitted with **SAFETY BEAMS**. Safety Beams detect any obstructions in the door's path and override automatic operation if one presents. These must be installed as in accordance with UL 325 and CSA C222.2 No 247.

This is in addition to regular professional servicing, and monthly obstruction tests as detailed in your opener's Owners Manual.

The compliance to FCC radiation exposure limits for an uncontrolled environment, and a minimum of 20cm separation between antenna and body. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Votre ouvre-porte doit être équipé de **FAISCEAUX DE SÉCURITÉ**. Les faisceaux de sécurité détectent tout obstacle sur le trajet de la porte et annulent alors le fonctionnement automatique. Ceux-ci doivent être installés conformément aux normes UL 325 et CSA C222.2 N° 247.

Ceci s'ajoute à l'entretien professionnel régulier et aux tests d'obstruction mensuels détaillés dans le mode d'emploi de votre ouvre-porte..

Conformité aux limites d'exposition aux rayonnements FCC pour un environnement non contrôlé, et distance minimale de 20 cm entre l'antenne et le corps. Ce dispositif est conforme à la partie 15 des règles de la Federal Communications Commission (FCC). Son fonctionnement est assujéti aux deux conditions suivantes: (1) Ce dispositif ne doit pas provoquer de brouillage préjudiciable, et (2) il doit accepter tout brouillage reçu, y compris le brouillage pouvant entraîner un mauvais fonctionnement.



tip Ensure limits are set prior to connecting to Wifi.

6.9.1 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.

- Download the ATA App.
- Ensure the WiFi router is within range of the opener.
- On the opener press the MODE button repetitively until the

NETWORK  LED is lit. (Fig 6.9.1)

- Press and hold the OPEN button on the opener for 4 seconds. The

NETWORK  LED will turn purple when Hot Spot is Active.

- Go to phone settings, then WiFi and select (ATA000000).
- Open App and tap on Start.
- Select setup a new Smart Hub
- When Smart hub hotspot connection appears, select OK got it.
- Ensure WiFi network = (ATA000000) then select connect to hub.
- The opener main light and a red NETWORK  LED will start to flash.
- Press STOP / SET button on the opener.
- Name your smart hub on the app and select SAVE.

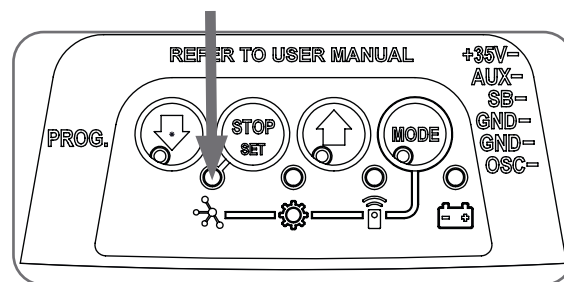


Fig.6.9.1

- Set the time zone and SAVE.
- Create an admin user and select "OK got it".
- Fill in name and password and select CREATE.
- Fill in email and security question or select skip this step and select SAVE.
- Select the push notification and select SAVE.
- Select and connect to WiFi. Choose your home WiFi and fill in password and select connect.
- The NETWORK  LED will change to solid blue.
- Now you can test the app.



tip ATA App local operation will continue when the internet is down and the home router Wi-Fi is operational.

6.10 Auto-Close

6.10.1 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:

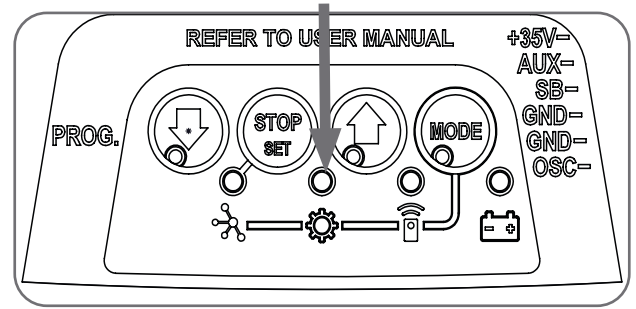
- Standard auto-close - the door will Auto-Close after a programmed time. In this mode the timer starts to countdown as soon as the door is fully open. This function is useful in case the safety beam does not get triggered.
- Safety Beam triggered auto-close - the door will auto-close after a programmed 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:

- Press the MODE button repetitively until the GEAR  LED starts flashing.
- Press the OPEN button  until the GEAR  LED flashes:
 - two (2) times to get to PE auto-close or
 - three (3) times to get to standard auto-close.
- Press STOP / SET button to enter parameter.
- The default setting for Auto-Close is OFF.

Press the OPEN button  to move through options and the light's brightness will change accordingly.

- Press STOP / SET button to save the parameter's new value or press MODE to leave the value unchanged.



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

AVERTISSEMENT! Le faisceau de sécurité doit être installé lorsque vous utilisez le mode Auto-Close.

Parameter		Value options = Indicated by brightness of main light (DEFAULT parameter underlined>					
Name	Flashes	1	2	3	4	5	6
PE AUTO-CLOSE	x2	<u>OFF</u>	15sec	30sec	60sec	90sec	-
AUTO-CLOSE	x3	<u>OFF</u>	15sec	30sec	60sec	90sec	120sec

6.11 Attach Warning Labels

6.11.1 Placement of Warning labels

- Attach the entrapment warning label on the wall near the door control with tacks or staples at a minimum height of 5 feet above floors, landings, steps or other adjacent walking surface so shall children are not able to reach it.
- Place the attached entrapment warning label on wall. Use an additional mechanical means (plate, board etc.) which can secure the labels to surfaces to which the adhesive will not adhere.
- DO NOT REMOVE OR PAINT OVER THIS LABEL**

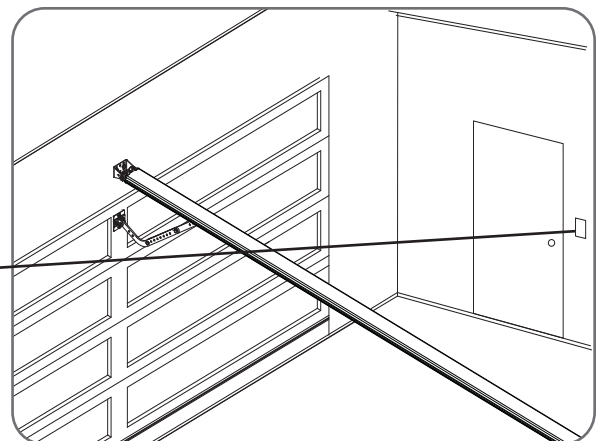


Fig.6.11.1



6.12 Homelink



Some vehicles may require the ignition be turned on to program the HomeLink® Button.



Park the vehicle outside of the garage where the opening is clearly visible and leave window down to hear sounds.



WARNING! Ensure to have hand brake on whilst setting homelink button and do not allow anything to stay in or near the path of the door. Keep people away until the door is completely opened or closed.

AVERTISSEMENT : Assurez-vous que le frein à main est activé lors du réglage du bouton homelink et ne laissez rien rester dans ou près du chemin de la porte. Éloignez les personnes jusqu'à ce que la porte soit complètement ouverte ou fermée.

6.12.1 Coding in the HomeLink® button

- Press and hold the two outside buttons on the HomeLink® system until the LED starts to blink, release buttons.
- Hold the ATA single button remote control (3B) in hand and position it 1-3 inches (3-8cm) from the HomeLink® button as in **6.12.1**.
- Press and hold the desired HomeLink® button and ATA single button (3B) at the same time until the HomeLink® LED changes from a slow blink to a rapid blink.
- Release both buttons. The HomeLink® button is ready to be coded into the ATS-Series garage door operator.

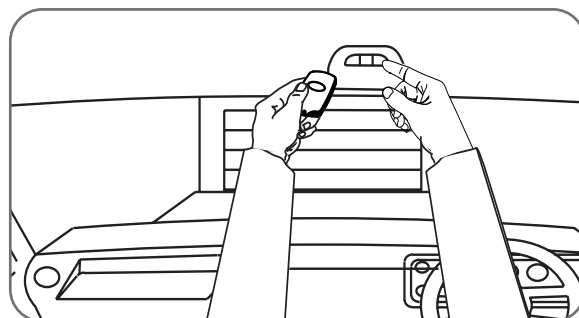


Fig.6.12.1

6.12.2 Coding HomeLink® button into the ATS-Series Operator

- Press the MODE button repetitively until the TRANSMIT LED is flashing slowly.
- Press and release the CLOSE button - operator will start to flash and beep slowly for 20secs to allow the user to go to the car.
- After 20 seconds the operator will start to beep and flash quickly. Press and hold the HomeLink® button to be code set for 2 secs.
- Release the HomeLink® button for 5 seconds, then press and hold the same HomeLink® button again for 2 secs - the flashing and beeping will stop.
- Test the operation of the HomeLink® button.

6.12.3 Erasing all HomeLink® buttons from the ATS-Series Operator

- Press the MODE button repetitively until the TRANSMIT LED is flashing slowly.
- Press and hold MODE button.
- The operator will start to flash and beep after 5 seconds. When the flashing and beeping stops, release the MODE button.



Keep the ATA Single Button Remote Control (3B) in a safe place for future use. This will be needed if and when you change cars.

7. Operation Instructions

IMPORTANT SAFETY INSTRUCTIONS WARNING! TO REDUCE THE RISK OF SEVERE INJURY OR DEATH:

(1) READ AND FOLLOW ALL INSTALLATION INSTRUCTIONS.

- (2) NEVER LET CHILDREN OPERATE OR PLAY WITH DOOR CONTROLS. KEEP THE REMOTE CONTROL AWAY FROM CHILDREN.
(3) ALWAYS KEEP THE MOVING DOOR IN SIGHT AND AWAY FROM PEOPLE AND OBJECTS UNTIL IT IS COMPLETELY CLOSED. NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.

(4) NEVER GO UNDER A STOPPED, PARTIALLY OPEN DOOR.

- (5) TEST DOOR OPENER MONTHLY. THE GARAGE DOOR **MUST** REVERSE ON CONTACT WITH A 1-1/2-INCH HIGH OBJECT (OR A 2 BY 4 BOARD LAID FLAT) ON THE FLOOR. AFTER ADJUSTING EITHER THE FORCE OR THE LIMIT OF TRAVEL, RETEST THE DOOR OPENER. FAILURE TO ADJUST THE OPENER PROPERLY INCREASES THE RISK OF SEVERE INJURY OR DEATH.

- (6) FOR PRODUCTS HAVING AN EMERGENCY RELEASE, WHEN POSSIBLE, USE THE EMERGENCY RELEASE ONLY WHEN THE DOOR IS CLOSED. USE CAUTION WHEN USING THIS RELEASE WITH THE DOOR OPEN. WEAK OR BROKEN SPRINGS ARE CAPABLE OF INCREASING THE RATE OF DOOR CLOSURE AND INCREASING THE RISK OF SEVERE INJURY OR DEATH.

- (7) KEEP GARAGE DOORS PROPERLY BALANCED.** SEE OWNER'S MANUAL. AN IMPROPERLY BALANCED DOOR INCREASES THE RISK OF SEVERE INJURY OR DEATH. HAVE A QUALIFIED SERVICE PERSON MAKE REPAIRS TO CABLES, SPRING ASSEMBLIES, AND OTHER HARDWARE.

- (8) EXCEPT FOR MODEL ATS-2 & ATS-2AMB, THIS OPERATOR SYSTEM IS EQUIPPED WITH AN UNATTENDED OPERATION FEATURE. THE DOOR COULD MOVE UNEXPECTEDLY. **NO ONE SHOULD CROSS THE PATH OF THE MOVING DOOR.**

- (9) THIS PRODUCT CONTAINS A LITHIUM BUTTON/COIN CELL BATTERY. 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 BATTERIES, 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.**

(10) SAVE THESE INSTRUCTIONS.

AVERTISSEMENT !

POUR RÉDUIRE LE RISQUE DE BLESSURES GRAVES, VOIRE DE MORT:

(1) LISEZ ATTENTIVEMENT TOUTES LES INSTRUCTIONS D'INSTALLATION.

- (2) NE LAISSEZ JAMAIS LES ENFANTS UTILISER LES COMMANDES DE LA PORTE OU JOUER AVEC. LA TÉLÉCOMMANDE DOIT RESTER HORS DE PORTÉE DES ENFANTS.

- (3) GARDEZ TOUJOURS LA PORTE EN MOUVEMENT DANS VOTRE LIGNE DE VISION, ET VEILLEZ À CE QU'ELLE RESTE ENTIÈREMENT DÉGAGÉE JUSQU'À SA FERMETURE COMPLÈTE. PERSONNE NE DOIT SE TENIR DANS LE PASSAGE PENDANT QUE LA PORTE EST EN MOUVEMENT.

(4) NE STATIONNEZ JAMAIS SOUS UNE PORTE PARTIELLEMENT OUVERTE.

- (5) TESTEZ LE DISPOSITIF D'OUVERTURE UNE FOIS PAR MOIS. LA PORTE DOIT **OBLIGATOIREMENT** INVERSER SA COURSE EN CAS DE CONTACT AVEC UN OBJET DE 25 À 40 MM (1-1/2") (OU UNE PLANCHE DE 5 X 10 CM [2X4"] POSÉE À PLAT) AU MILIEU DU PASSAGE. APRÈS AVOIR RÉGLÉ LA FORCE OU LA LIMITE DE COURSE, REFAITES UN ESSAI DU SYSTÈME D'OUVERTURE DE PORTE. LE DISPOSITIF D'OUVERTURE DOIT ÊTRE BIEN RÉGLÉ AFIN DE RÉDUIRE LE RISQUE DE BLESSURES GRAVES, VOIRE DE MORT.

- (6) DANS LE CAS DES PRODUITS ÉQUIPÉS D'UN DÉBLOCAGE D'URGENCE, UTILISEZ-LE DANS LA MESURE DU POSSIBLE UNIQUEMENT QUAND LA PORTE EST FERMÉE. SOYEZ PRUDENT SI VOUS ACTIONNEZ CE DISPOSITIF DE DÉBLOCAGE ALORS QUE LA PORTE EST OUVERTE. DES RESSORTS FAIBLES OU CASSÉS RISQUENT D'ACCÉLÉRER LA FERMETURE DE LA PORTE ET DE CAUSER DES BLESSURES GRAVES, VOIRE DE PRÉSENTER UN DANGER DE MORT.

- (7) LES PORTES DE GARAGE DOIVENT TOUJOURS ÊTRE CORRECTEMENT ÉQUILIBRÉES.** REPORTEZ-VOUS AU MANUEL. UNE PORTE MAL ÉQUILIBRÉE PRÉSENTE UN DANGER DE BLESSURES GRAVES, VOIRE DE MORT. LES RÉPARATIONS DES CÂBLES, DES ASSEMBLAGES À RESSORT ET AUTRES ÉLÉMENTS MATÉRIELS DOIVENT ÊTRE EFFECTUÉES PAR UN TECHNICIEN QUALIFIÉ.

- (8) HORMIS DANS LE CAS DU MODÈLE ATS-2 ET ATS-2AMB CE SYSTÈME EST ÉQUIPÉ D'UNE FONCTION D'UTILISATION SANS SURVEILLANCE. LA PORTE POUVANT S'OUVRIR OU SE FERMER INOPINÉMENT, **PERSONNE NE DOIT SE TROUVER DANS LE PASSAGE PENDANT QU'ELLE EST EN MOUVEMENT.**

- (9) CE PRODUIT CONTIENT UNE PILE BOUTON/MONNAIE AU LITHIUM. SI UNE PILE BOUTON/MONNAIE AU LITHIUM NEUVE OU USAGÉE EST AVALÉE OU PÉNÈTRE DANS LE CORPS, ELLE PEUT CAUSER DE GRAVES BRÛLURES INTERNES ET PEUT ENTRAÎNER LA MORT EN DEUX HEURES SEULEMENT. TOUJOURS SÉCURISER COMPLÈTEMENT LE COMPARTIMENT DES PILES. SI LE COMPARTIMENT DES PILES NE SE FERME PAS CORRECTEMENT, ARRÊTEZ D'UTILISER LE PRODUIT, RETIREZ LES PILES ET GARDEZ-LE HORS DE PORTÉE DES ENFANTS. SI VOUS PENSEZ QUE DES PILES ONT PU ÊTRE AVALÉES OU PLACÉES DANS UNE PARTIE QUELCONQUE DU CORPS, **CONSULTEZ IMMÉDIATEMENT UN MÉDECIN.**

(10) CONSERVEZ CES INSTRUCTIONS EN LIEU SÛR.

7.1 How to Use Your Operator

For maximum efficiency of your operator, your garage door must be in good operating condition. An annual service of your garage door by door professional is recommended.



CAUTION: Activate the operator only when the door is in full view, free of obstructions and with the operator properly adjusted. No one should enter or leave the garage while the door is in motion. Do not allow children to play near the door.

ATTENTION: Activez le dispositif de commande uniquement lorsque la porte est en pleine vue, dégagée et avec le dispositif correctement réglé. Personne ne doit entrer ou sortir du garage pendant que la porte est en mouvement. Ne pas laisser les enfants jouer près de la porte.



WARNING! This operator has a grounding type plug and there are no user serviceable parts inside this operator.

AVERTISSEMENT! Ce dispositif de commande est pourvu d'une broche de mise à la terre et ne comporte aucune pièce réparable par l'utilisateur.

7.1.1 To Operate the opener:

- Press the programmed transmitter button or HomeLink® until your door begins to move (usually 2 seconds). Make sure you can see the door when you use the transmitter (**Fig 7.1.1**).
- If you are in a vehicle you should aim the transmitter through your windscreen as shown.
- Check that the door is fully open or closed before you drive in or away.
- 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.

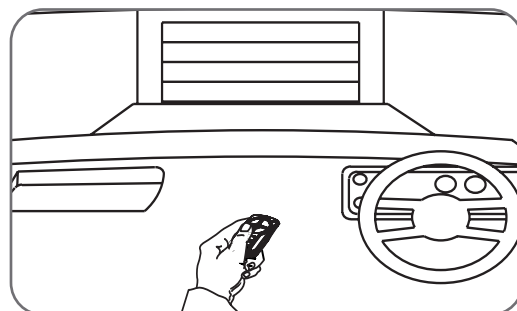


Fig.7.1.1

7.1.2 Replacing the Battery: 3V Lithium Battery CR2032.

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

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

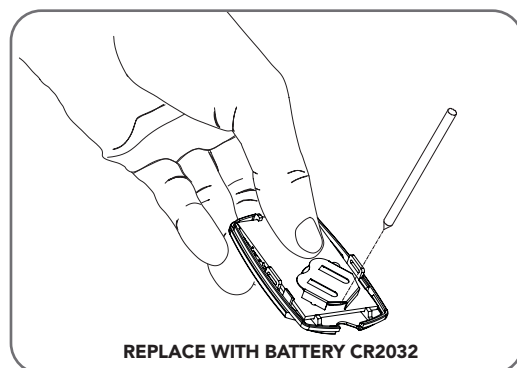


Fig.7.1.2

Premium Remote Control

- Remove screw from back of cover.
- Use screw driver to separate the remote control casing to expose circuit board.
- Use a non-metallic object (e.g. pen) to remove the battery. (**Fig. 7.1.2**).

Premium Wall Button

- Follow instructions in **Fig 7.1.3** to replace battery.



WARNING! Chemical Burn Hazard. Keep batteries away from children

AVERTISSEMENT! Risque de brûlure chimique: Gardez les piles hors de portée des enfants.



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

AVERTISSEMENT! La batterie doit être mise au rebut de manière appropriée, notamment en la gardant hors de portée des enfants. Même les piles usées peuvent provoquer des blessures.

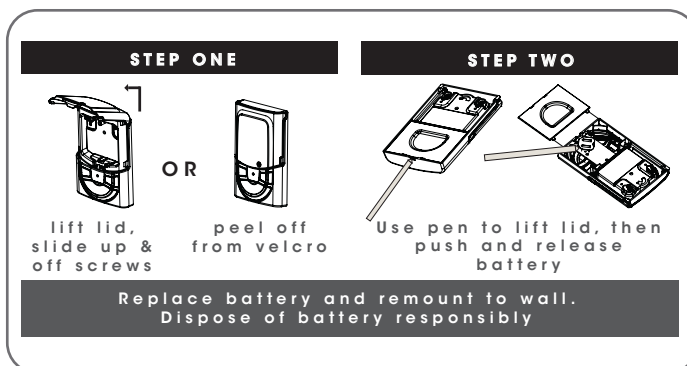
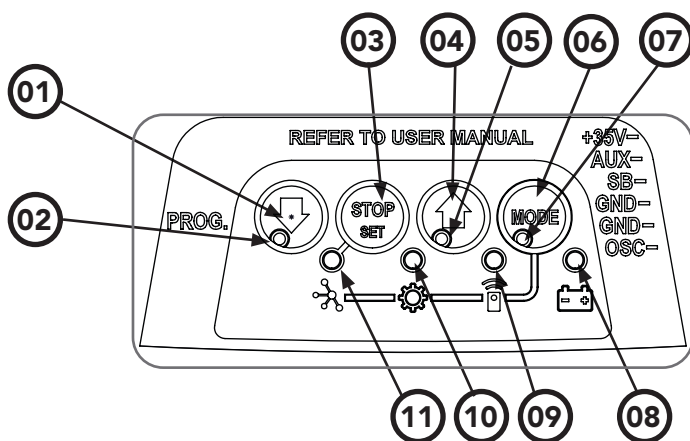


Fig.7.1.3

7.2 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 closing, 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 opening, 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.
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 & ATS-3AMB 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.



7.3. Troubleshooting

Symptom	Possible cause	Remedy
The opener does not work from the Premium Remote Control	Garage door in poor condition e.g. springs may be broken The opener does not have power The battery in the Premium Remote Control is flat The opener has turned on "Vacation Mode" The Premium Remote Control button is not programmed to operate the door.	Check the door's operation Plug a device of similar voltage (e.g. a hairdryer) into the power point and check that it is OK Replace the battery Turn off "Vacation Mode" (Section 6.6.4) Code in the Premium Remote Control
One Premium Remote Control works but the other/s do not	Faulty Premium Remote Control Flat battery	Replace Premium Remote Control 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 Premium Remote Control range varies or is restricted	Variations are normal depending on conditions e.g. temperature or external interference The battery life is exhausted Position of the Premium Remote Control in the motor vehicle	Make sure you can see the door when you use the Premium Remote Control. Check the battery status by pressing a button (flashing or no light, battery need changing) Aim the Premium Remote Control 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. If Safety beams are installed they may be partially obstructed.	Ensure the door runs smoothly before increasing the force pressure. Ensure the beam path is not obstructed. Check the Alignment.
Door will not close	Safety Beam not working Safety Beam battery flat	To access safety close mode, hold the Premium Remote Control button to close for 6 seconds and continue to hold while the door closes. 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 6.4).

7.4. Service / Warning Indicator

7.4.1 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 identifies the issues and remedies.

Flashes	Issue	Remedy
 x 1	Normal operation (door is fully open)	
 x 2	PE is preventing door from moving	Clear away any obstructions. Test Door. If unable to move the door and suspect beam is faulty, enter Safety Beam Emergency Close by pressing and holding a pre-coded button on the remote control for more than five seconds and the door will start closing.
 x 3	NOT AVAILABLE	
 x 4	Wireless PE battery is low	Change PE Battery
 x 5	NOT AVAILABLE	
 x 6	Maintenance is due after pre-set number of cycles.	Contact dealer to arrange service.
 x 7	Backup battery is faulty	Contact (800) 934 9892 within America for assistance
 x 8	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.
 x 10	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.

7.4.2 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 identifies 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
 x 6	Motor driving in wrong direction
 x 7	Memory fault
 x 8	Motor current sensor fault.

7.4.3 Connecting or Disconnecting Accessories:

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

7.5 Disposal of Batteries

7.5.1 Correct Disposal of Batteries:

Button Batteries contain toxic materials and should never be disposed of in the trash



WARNING! Button cell lithium batteries MUST have their battery terminals covered BEFORE placing them in the box for shipping. The best way to do this is by taking a strip of tape to make a 'battery ribbon'.

AVERTISSEMENT! Les piles bouton au lithium DOIVENT avoir leurs bornes couvertes AVANT de les placer dans la boîte pour l'expédition. La meilleure façon de procéder est de prendre une bande de ruban adhésif pour créer un 'ruban de batterie'.

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

AVERTISSEMENT! La batterie doit être mise au rebut de manière appropriée, notamment en la gardant hors de portée des enfants. Même les piles usées peuvent provoquer des blessures.

In the United States of America;

- Call your local solid waste district to find out if your community has a collection program or upcoming event. Or call 1-800-CLEAN-UP (253-2687) or enter a ZIP code at this website to find the nearest recycling center. Information about most recyclable household waste, including household hazardous waste collection centers, is included.
- Search the area for recycling centers that accept single-use batteries using **Earth911.com** Recycling Search. Or call 1-800-CLEAN-UP (1-800-253-2687), a service of Earth 911, to find the nearest recycling center. The website includes information about most recyclable household waste, including household hazardous waste collection centers.
- **CalRecycle E-Waste Disposal Search Directory**. Find an E-waste collector or recycler near you to recycle electronic devices that contain embedded batteries.
- Find **Local Governmental Household Hazardous Waste Agencies**. See the website for local governmental household hazardous waste agencies.

In Canada;

- Find a list of locations on the **Call2Recycle.ca** battery recycling website.
- **Cal2Recycle E-Waste Disposal Search Directory**. Find an E-waste collector or recycler near you to recycle electronic devices that contain embedded batteries.
- Find **Local Governmental Household Hazardous Waste Agencies**. See the website for local governmental household hazardous waste agencies.

8. User Maintenance Instruction



WARNING! Run the Safety Testing procedures **MONTHLY** in Section 6.5 to ensure garage door is fit for use.

AVERTISSEMENT! Appliquez les procédures de test de la section 6.5 **UNE FOIS PAR MOIS** pour vous assurer que la porte est en état de marche.



CAUTION: 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.

Adjustments should only be carried out by experienced persons, as this function can be dangerous if not performed under strict safety procedures.

ATTENTION: Examinez fréquemment l'installation, en particulier les câbles, les ressorts et les supports, afin de déceler les éventuels signes d'usure, de dommage ou de déséquilibre. **NE PAS utiliser** si la réparation ou un réglage est nécessaire, car un défaut dans l'installation ou une porte mal équilibrée peut causer des blessures.

Les réglages ajustements ne doivent être effectués que par des techniciens expérimentés, car cette fonction peut être dangereuse si elle n'est pas effectuée dans le strict respect des procédures de sécurité.

8.1 Door Maintenance

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. Fasteners: 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.

8.2 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).

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

1. Has anything happened since the opener last operated OK, e.g. a storm, a jolt to the door etc.?
2. What is the current light status on the opener?
3. Manually disengage the door (Section 5).
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)



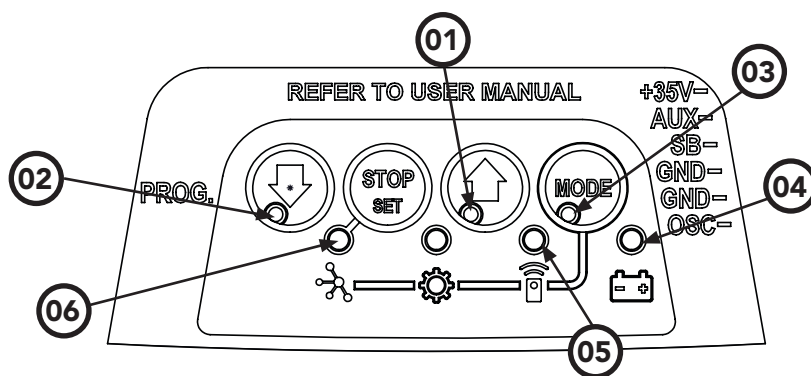
WARNING! Failure to maintain your garage door may void the warranty on your garage door operator.

AVERTISSEMENT! L'absence d'entretien votre porte de garage peut annuler la garantie de votre dispositif d'ouverture.

9. Appendix

A - Status Indication during Operating Mode.

LEDs	Light Status					Description
	BLUE	GREEN	YELLOW	RED	PURPLE	
DOOR OPEN (2) AND CLOSED (1) LEDS	solid flashing flashing solid	solid				Open
		flashing				Open with Autoclose timer running
		flashing				Opening / Obstructed on Open
						Closed
		flashing				Closing / Obstructed on Close
		solid				Stopped
MODE LED (3)			flashing			Partial Open
BATTERY LED (4)			off			Load Diagnostics mode
			solid			Battery not used / not fitted
			flash 2 secs			Battery charged
			flashing			in use (holding STOP for 10s will shutdown)
			rapid flashing			Battery charging, when connected to power
						Battery failed / fault
REMOTE CONTROL STATUS LED (5)				flashing		Remote lockout
				rapid flashing		Remote Control Activity
NETWORK LED (6) (ATS-3 Only)	1 flash then pause 2 flashes then pause solid flashing flicker alternate				flashing	Hot Spot Turning On
					solid	Hot Spot Active
						Connecting to Wi-Fi
						Connected to Server
						Connected to Cloud
						Software Updatingr
						Status update / Command received
						Wi-Fi Disabled
					On	Requires confirmation from user
					flashing alternate	Rebooting



B - Adjustment Mode Instructions

- Press the MODE button repetively until the GEAR  LED starts flashing
- 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.
- Press STOP / SET button to start editing the parameter's value. The TRANSMIT  LED will turn on when editing is active.
- Use the OPEN  and CLOSE  buttons to step through the available options. The light's brightness will change accordingly.

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

- Press STOP / SET button to save the parameter's new value or press MODE to leave the value unchanged.
- Continue from a. above to select another parameter or press MODE to exit adjustment mode.

Parameter		Value options = Indicated by brightness of main light (DEFAULT parameter underlined)					
Name	Flashes	1	2	3	4	5	6
MARGIN	x1	<u>1.0A</u>	1.2A	1.4A	1.6A	2.0A	-
PE AUTO-CLOSE	x2	<u>OFF</u>	15sec	30sec	60sec	90sec	-
AUTO-CLOSE	x3	<u>OFF</u>	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
OSC INPUT	x6	<u>OPEN/STOP/CLOSE</u>		DOOR OPEN/HOLD OPEN			

! tip When parameter edit mode is active, if any button other than MODE is pressed, then when MODE is pressed again, operating mode will be selected instead of the NETWORK adjustment mode.

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 changes state on each trigger.

OSC Output

- By default the OSC input is used to open, close or stop the doors movement. When DOOR OPEN/ HOLD OPEN is selected activating the OSC input will open the door. If the input is held active then the door will not be able to be closed until after the input is released.

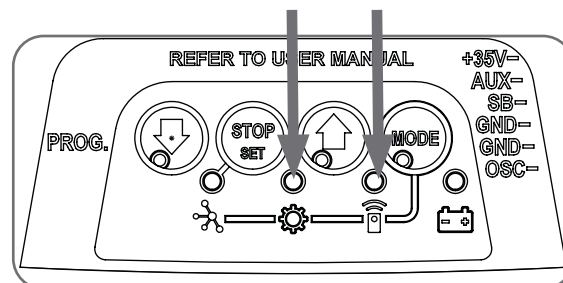
C - Adjusting Force Margins

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

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



D - Battery Functions

- 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.
- 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 up Tilt Door

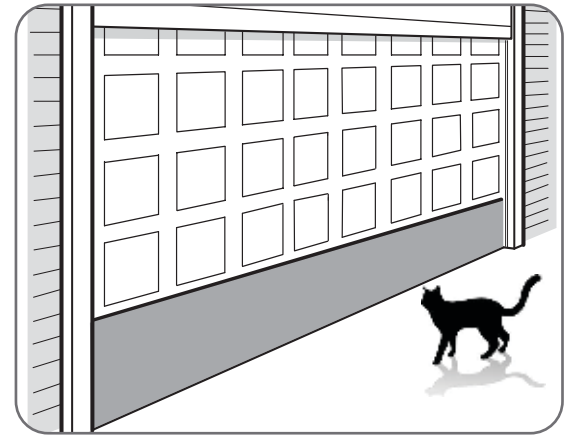
Prior to limit set up, the opener can be set to J-Type Tilt Profile. This process allows the opener to pre-set to J-Type settings where the limit is not greater than 1500mm. If J-Type is selected, the speed is customised and cannot be changed.

- Press the MODE button repetitively until the GEAR  LED starts flashing.
- 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
- 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.
- Press MODE button to exit the door selection mode. Proceed to Section 6.4 to set the limits.

F - Setting the PET Mode position

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

- Drive and stop the door at the desired PET mode open position by pressing the transmitter button coded for Open/Stop/Close operation.
- Press the MODE button repetitively until the GEAR  LED is lit.
- Press OPEN button  to save PET position - Main light will flash and both OPEN and CLOSE LED will light up.



G - Setting limits via Premium Remote Control

- 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
- Press the MODE button repetitively until the TRANSMIT  LED is lit.
- Press and HOLD the CLOSE button  to set the Open / Stop / Close function. The Main light will start to flash rapidly.
- Press and hold button 1 on the Premium Remote Control, then release remote control button.
- Press and hold button 1 on the Premium Remote Control button again until the main light stops flashing rapidly.
- Release both buttons. The remote control button is now coded, press to test and observe the speed of the door through a full cycle.
- The drive speed is set to the fastest setting by default. This may not be suitable for larger doors or for single piece doors:

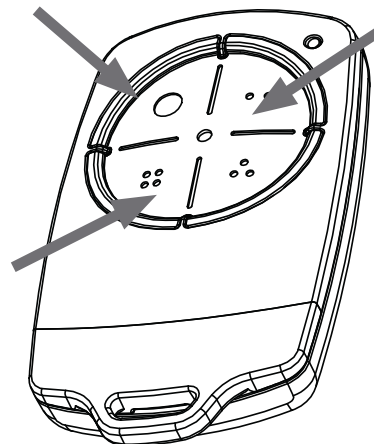
CLOSE limit:

- Using the programmed Premium Remote Control, press and hold the button 4 to close. To inch the door, single presses of the button 4 will move the door to desired limit.
- While inching (to CLOSE) to set the close speed, press and hold button 4 on the remote and by pressing the SET button 2 the opener will cycle through all three speed modes as shown in table.
- Once at the desired speed, release the remote button 4.
- Continue inching the door to the desired position. We recommend the CLOSE limit position being the first point of contact of the rubber strip (at the bottom of the door) with the ground.
- If the door overshoots, press the OPEN button 1 on the remote to move the door in the OPEN direction.
- When the door is at the desired CLOSE position, press the SET button 2, the GREEN LED on the OPEN button  will now flash.

Button 1
(inch Open)

Button 2 (Set)

Button 4
(inch Close)



OPEN limit:

- Using the programmed Premium Remote Control, press and hold the button 1 to open. To inch the door, single presses of the button 1 will move the door to desired limit.
- While inching (to OPEN) to set the open speed, press and hold button 1 on the remote and by pressing the SET button 2 the opener will cycle through all three speed modes as shown in table.
- Once at the desired speed, release the remote button 1.
- Continue inching the door to the desired position. We recommend the OPEN limit position being the height of the garage opening.
- 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.

AVERTISSEMENT : La porte va se fermer puis s'ouvrir automatiquement, avant de se fermer. S'assurer que rien ne bloque l'ouverture ou la fermeture de la porte.

- 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.



