

LIBRA

Garage door opener



Automazione per porte da garage
sezionali e basculanti

Motorisation pour portes de garage
sectionnelles et basculantes



Manuale d'installazione e d'uso

Installation and use manual

Manuel d'installation et utilisation

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














PER LA VOSTRA SICUREZZA CONSERVATE QUESTO MANUALE DI ISTRUZIONI IN UN LUOGO SICURO E RIPARATO

- Tenere i comandi dell'automazione lontano dalla portata dei bambini.
 - Controllare a vista il movimento della porta e non avvicinarsi finchè la porta non è completamente aperta o chiusa.
 - Controllare con cadenza regolare lo stato dell'automazione, in particolare verificare che cavi, molle e staffe di fissaggio non presentino segni di usura, danneggiamenti o squilibri.
 - Non utilizzare fintanto che le necessarie riparazioni o manutenzioni non siano state apportate.
- Un uso non corretto comporta il rischio di gravi lesioni a persone e cose.

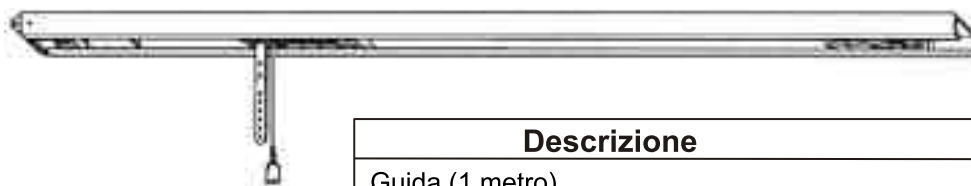
A. COMPOSIZIONE DEL KIT

Il kit è composto da una confezione per l'automazione e gli accessori, e da una confezione per la guida come illustrato qui sotto:

Confezione automazione

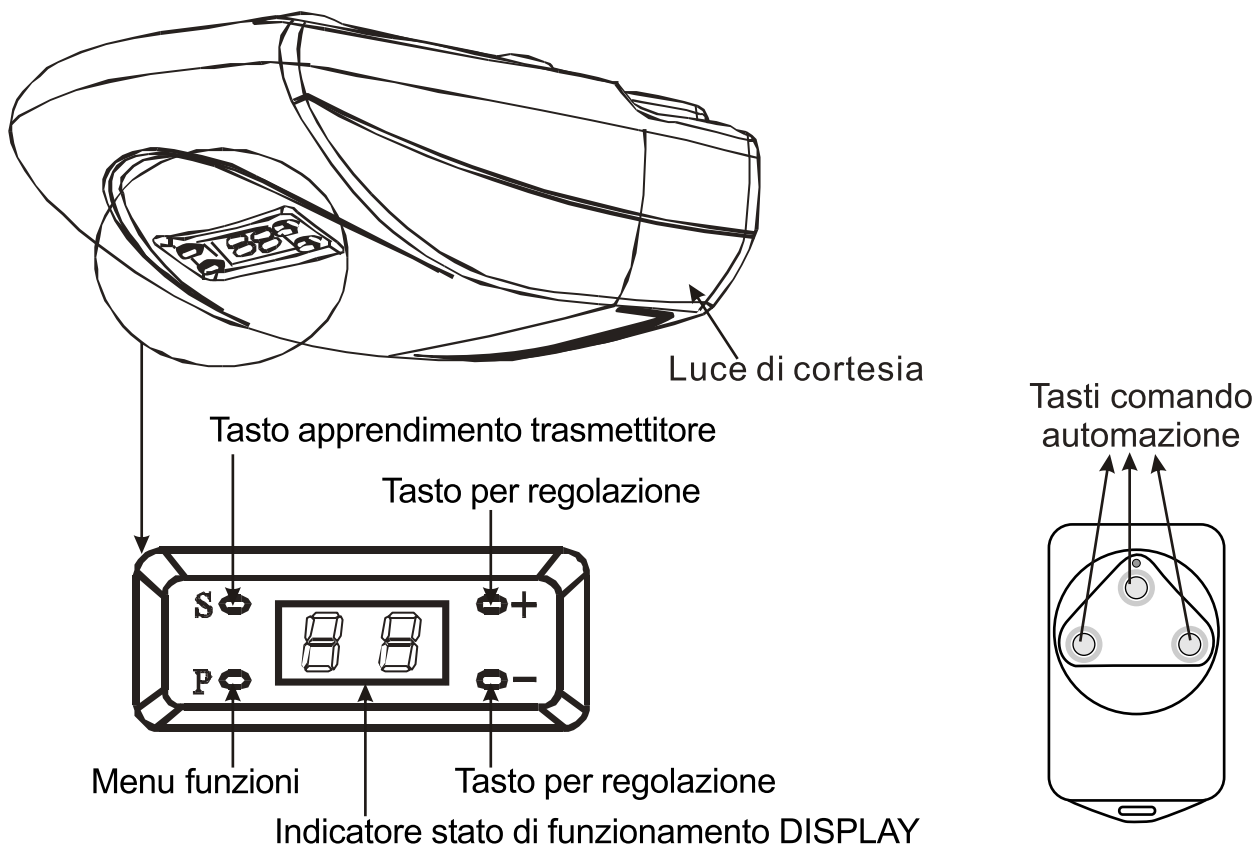
| | Descrizione | Quantità |
|---|--|----------|
|  | Automazione | 1 |
|  | Manuale di istruzioni | 1 |
|  | Telecomando | 1 |
|  | Braccio curvo per porta | 1 |
|  | Staffa per sostegno automazione | 2 |
|  | Staffa di supporto | 1 |
|  | Staffa ad "U" | 3 |
|  | Staffa fissaggio architrave | 1 |
|  | Staffa fissaggio porta | 1 |
|  | Vite autofilettante a testa esagonale 6x15 | 8 |
|  | Vite con dado esagonale 6x80 | 1 |
|  | Perno cerniera 8x25 | 1 |
|  | Coppiglia 3x20 | 1 |
|  | Pignone | 1 |
|  | Tassello a espansione 6x80 | 6 |
|  | Vite con dado esagonale 8x20 | 4 |

Confezione guida



| Descrizione | Quantità |
|-------------------------------------|----------|
| Guida (1 metro) | 3 |
| Braccio diritto per porta | 1 |
| Catena | 1 |
| Cordicella per sblocco di emergenza | 1 |
| Carrello di trascinamento | 1 |

B. CARATTERISTICHE TECNICHE E FUNZIONI



B1. FUNZIONI PRINCIPALI

| | |
|--|--|
| <u>Automazione della porta</u> | L'attivazione del ciclo di manovra avviene tramite un singolo impulso del telecomando. |
| <u>Motore</u> | La luce di cortesia si accende automaticamente e si spegne entro 3 minuti. Le funzioni di rallentamento in chiusura e in apertura della centrale di gestione garantiscono la massima silenziosità e protezione dall'usura. |
| <u>Autodiagnosi</u> | Il display digitale sulla centrale di gestione permette il monitoraggio della funzionalità e la visualizzazione delle anomalie L =Normale, F =Interruzione, H =Errore di lettura A =Stato Fotocellule |
| <u>Funzione di allarme</u> | Se la porta viene lasciata aperta, un allarme suona entro 10 minuti. L'allarme cessa automaticamente quando la porta viene richiusa. (Vedi pag. 10) |
| <u>Interruzione di corrente</u> | La porta può essere aperta manualmente tirando l'apposita cordicella per lo sblocco di emergenza. (Vedi pag. 5) |
| <u>Accessori opzionali</u> | Una connessione per le fotocellule è disponibile sull'unità principale. (Vedi pag. 14) |
| <u>Chiusura automatica</u> | Il tempo di pausa prima della chiusura automatica può essere impostato da 30 a 240 secondi. |
| <u>Segnale manutenzione necessaria</u> | Quando l'automazione ha raggiunto 2000 cicli di manovra, la centrale di gestione emette un suono di allarme per ricordare all'utente che è necessario un intervento di manutenzione. (Vedi pag. 11) |

B2. CARATTERISTICHE TECNICHE

I

| | LIBRA | LIBRA PLUS |
|--------------------------|---------------------|----------------------|
| Alimentazione principale | 230V 50Hz | |
| Alimentazione motore | 24Vdc | |
| Forza di trazione | 700 N | 1100 N |
| Forza motore | 100 W | 150 W |
| Consumo in stand-by | 4 W | |
| Superficie porta | 8m ² max | 12m ² max |
| Altezza porta | 2m ² max | |
| Lunghezza guida | 3m | |

B3. USO CON PORTE BASCULANTI A CONTRAPPESO

Per l'utilizzo di questa automazione su porte a contrappesi o debordanti è necessario installare l'archetto adattatore ARC (acquistabile come accessorio).

In questo caso, prima di montare la guida, è necessario:

- sfilare il carrello di trascinamento dalla guida
- aprire il carrello svitando le quattro viti presenti
- sostituire il braccio diritto di trascinamento porta con il braccio a "boomerang" fornito con L'archetto adattatore
- richiudere il carrello e riavvitare le quattro viti
- riposizionare il carrello all'interno della guida e proseguire con l'installazione

Per il montaggio dell'archetto adattatore ARC sulla porta, seguire le istruzioni fornite con il prodotto.

C. MONTAGGIO DELLA GUIDA

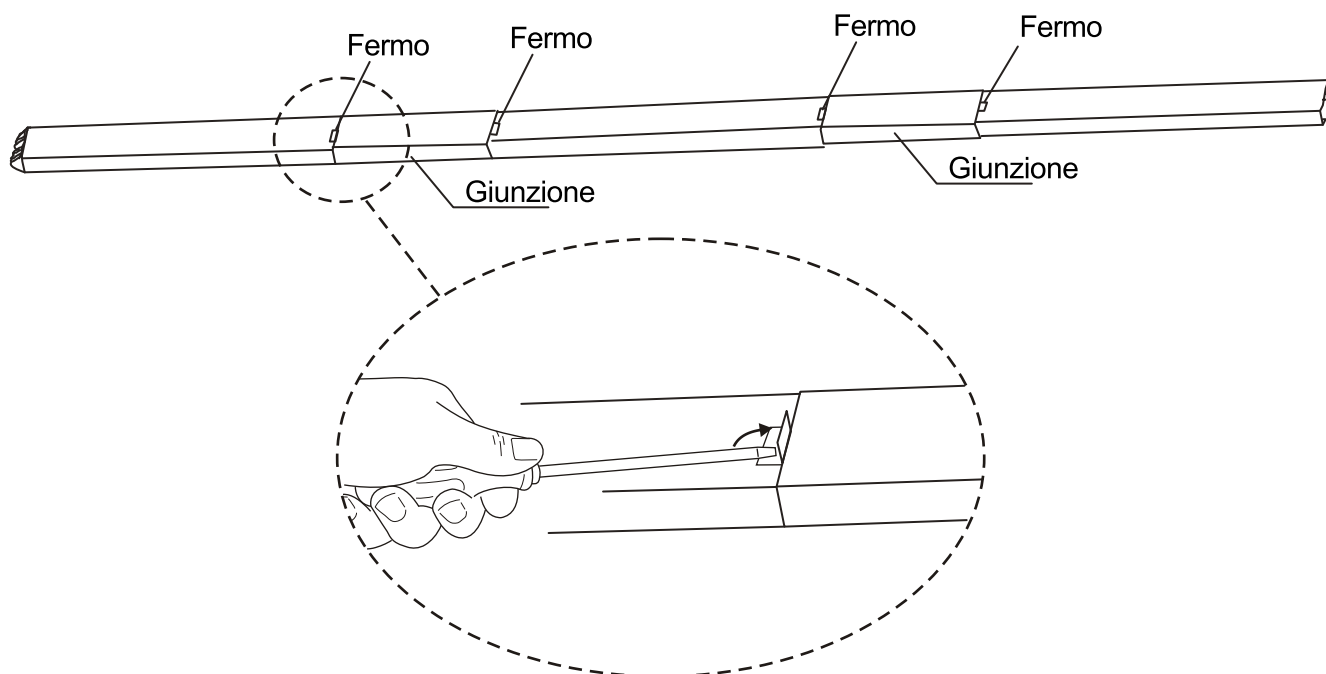
1) Aprire l'imballo



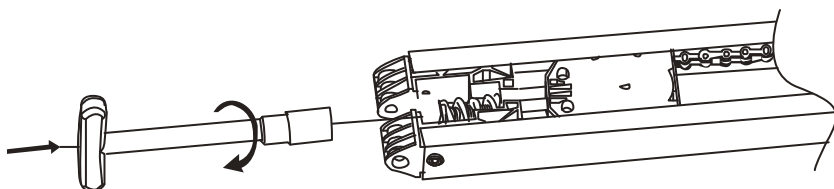
2) Sistemare la guida a terra come illustrato



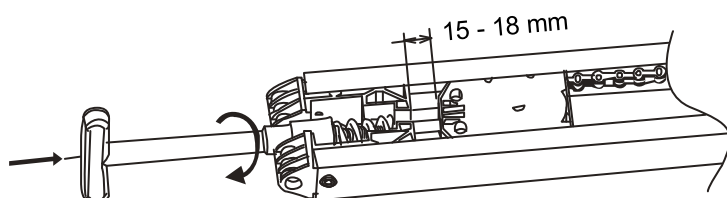
3) Inserire le giunzioni lasciando i due fermi in vista



4) Usare chiave a tubo $\varnothing 13$ per avvitare il dado



5) Regolare la distanza come indicato



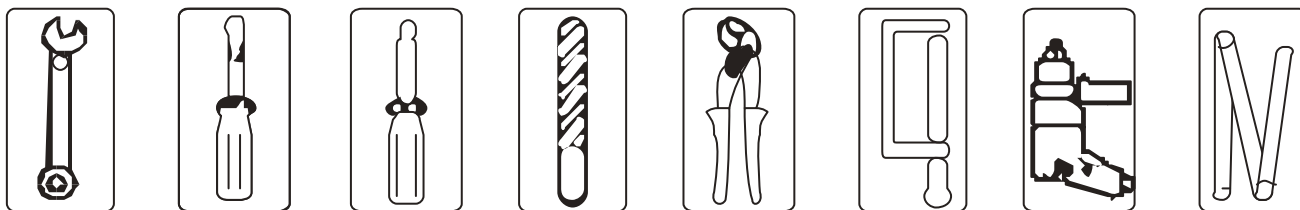
D. ASSEMBLAGGIO DELL'AUTOMAZIONE



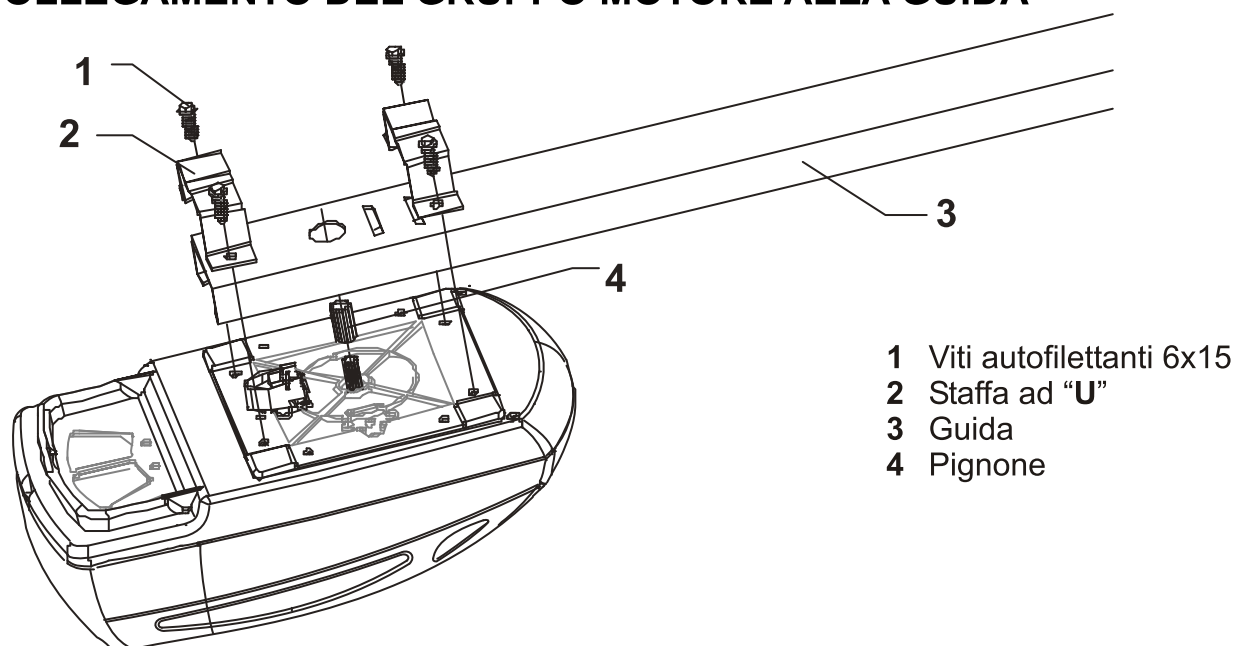
IMPORTANTE: SEGUIRE CON ATTENZIONE LE ISTRUZIONI DI MONTAGGIO. UN'INSTALLAZIONE NON CORRETTA PUÒ CAUSARE GRAVI RISCHI PER LA SICUREZZA DELLE PERSONE.

- Prima di installare l'automazione rimuovere tutti gli imballaggi e gli accessori non necessari;
- Verificare che la porta si apra e si chiuda agevolmente e che i meccanismi siano in buone condizioni e correttamente bilanciati;
- Installare l'automazione in modo che la cordicella per lo sblocco di emergenza arrivi ad un'altezza inferiore a 1,8 metri;
- Installare i comandi fissi dell'automazione all'interno del campo visivo della porta ma sufficientemente distanti dalle parti in movimento e ad un'altezza minima di 1,5 metri dal suolo;
- Applicare in posizione ben visibile, o in prossimità dei comandi fissi, cartelli permanenti di avvertimento indicanti il rischio di rimanere catturati nel movimento della porta;
- Segnalare in maniera indelebile e ben visibile lo sblocco manuale di emergenza dell'automazione;
- Terminata l'installazione assicurarsi che il meccanismo sia regolato correttamente e che l'automazione effettui l'inversione del movimento quando la manovra di chiusura incontra un ostacolo ad almeno 40 mm di altezza dal suolo;
- Assicurarsi inoltre che durante il movimento la porta non ingombri pubblici marciapiedi o strade;
- Verificare che l'automazione inibisca o interrompa il movimento di apertura in presenza di un carico di almeno 20 Kg, fissato al centro del margine inferiore della porta.

ATTREZZI NECESSARI

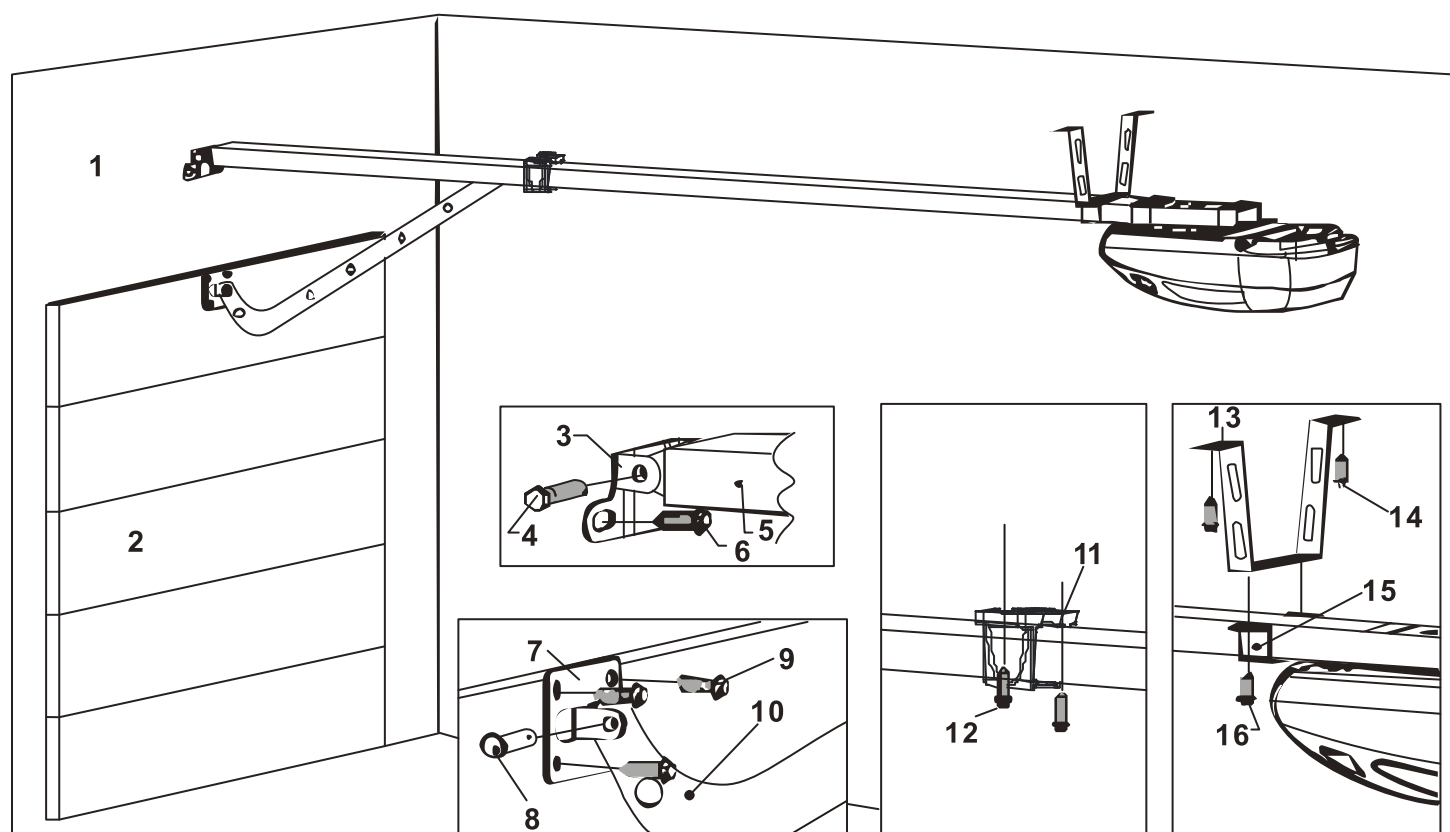


D1. COLLEGAMENTO DEL GRUPPO MOTORE ALLA GUIDA



- 1 Viti autofilettanti 6x15
- 2 Staffa ad "U"
- 3 Guida
- 4 Pignone

D2. FISSAGGIO DEL GRUPPO MOTORE E DELLA GUIDA

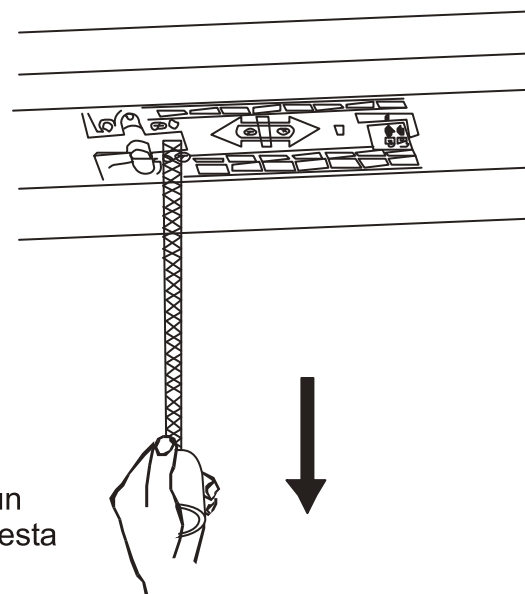
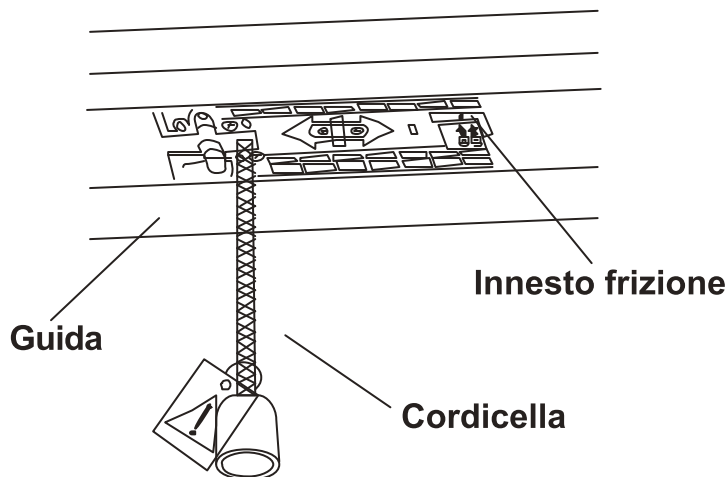


- 1 Parete
- 2 Porta
- 3 Staffa fissaggio architrave
- 4 Vite 6x80
- 5 Guida
- 6 Tassello ad espansione
- 7 Staffa fissaggio porta
- 8 Perno cerniera 8x25
- 9 Vite autofilettante 6x15
- 10 Braccio curvo per porta
- 11 Staffa di supporto
- 12 Vite 8x20
- 13 Staffa di sostegno automazione
- 14 Tassello ad espansione
- 15 Staffa ad "U"
- 16 Vite 8x20

D3. APERTURA MANUALE DELLA PORTA

IN CASO DI INTERRUZIONE DELLA CORRENTE ELETTRICA

- 1 Se la porta è in posizione **CHIUSA**:
Tirare la cordicella e sbloccare l'innesto per permettere alla porta di essere sollevata con facilità.
- 2 Se la porta è in posizione **APERTA**:
Tirare la cordicella una volta per consentire la chiusura della porta.



AL RIPRISTINO DELLA CORRENTE ELETTRICA

Inviare un impulso all'automazione tramite il trasmettitore o un comando fisso: la frizione del carrello di trascinamento si innesta automaticamente.

E. PROGRAMMAZIONE

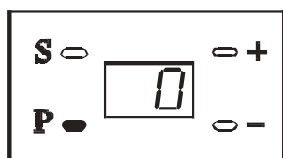
PREPARAZIONE PRELIMINARE

- a) Innestare la frizione del carrello di trascinamento e chiudere con delicatezza la porta.
- b) Alimentare l'automazione, la luce si accende, la centralina emette un "beep" e sul display viene visualizzato "0".

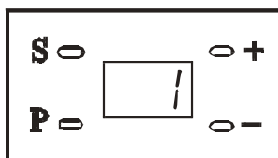


Se dopo la programmazione l'automazione viene lasciata senza alcun comando per più di 2 minuti, tutte le regolazioni effettuate verranno automaticamente cancellate e verranno ripristinate le impostazioni di fabbrica. Nel caso di errata programmazione è possibile azzerare le regolazioni interrompendo e poi riattivando l'alimentazione.

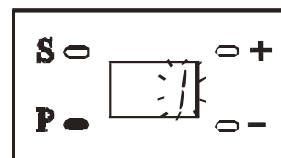
E1. REGOLAZIONE FINE CORSA IN APERTURA



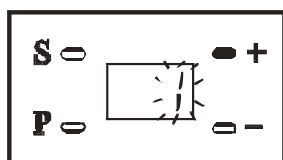
Tenere premuto il tasto "P" (circa 8 secondi)



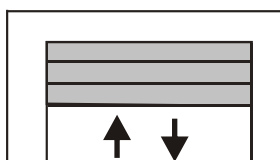
La centrale emette un beep e viene visualizzato "1"



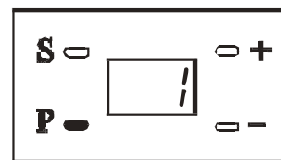
Premere "P", "1" lampeggia



Tenere premuto "+"



La porta **apre** fino al raggiungimento della posizione di apertura ideale.

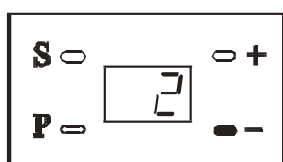


Premere "P" per salvare la regolazione.

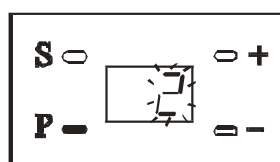


La regolazione salvata non ha alcun effetto se la procedura è utilizzata per impostare il fine corsa in chiusura.

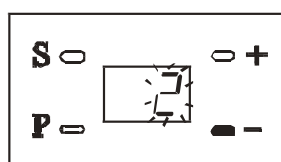
E2. REGOLAZIONE FINE CORSA IN CHIUSURA



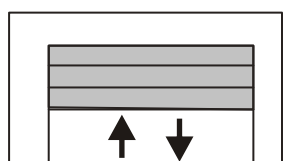
Premere "-" finchè appare "2"



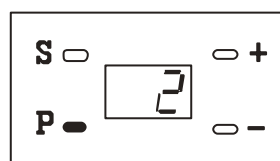
Premere "P", "2" lampeggia



Tenere premuto "-"



La porta **chiude** fino al raggiungimento della posizione di chiusura.

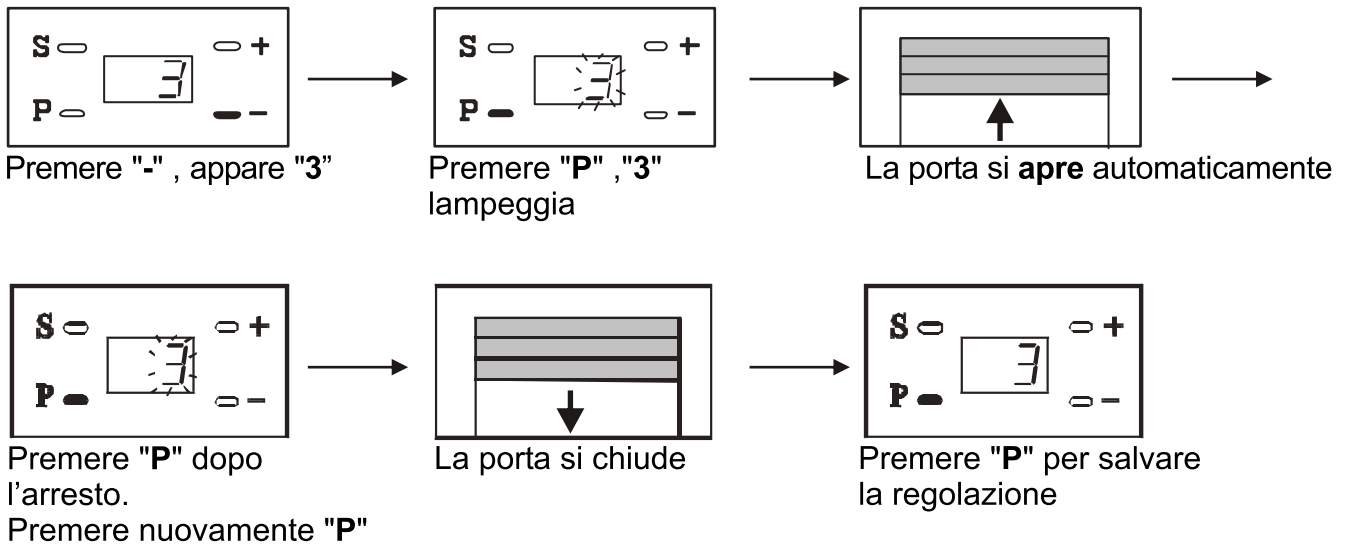


Premere "P" per salvare la regolazione



La regolazione salvata non ha alcun effetto se la procedura è utilizzata per impostare il fine corsa in apertura.

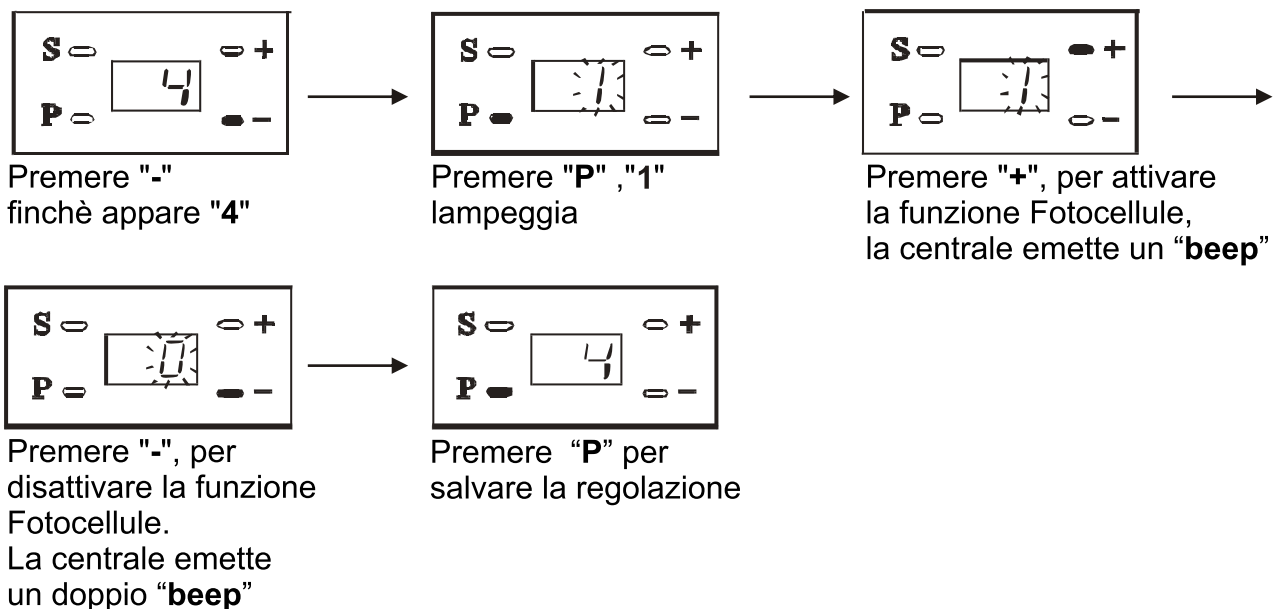
E3. REGOLAZIONE DELLA FORZA



Una volta completato l'intero ciclo di manovra è possibile premere "+" per selezionare il menù "1", quindi premere il tasto "P" fino all'apparire di "0" sul display. A questo punto la programmazione base dell'automazione è completata.

E4. PROGRAMMAZIONE DELLE FOTOCELLULE

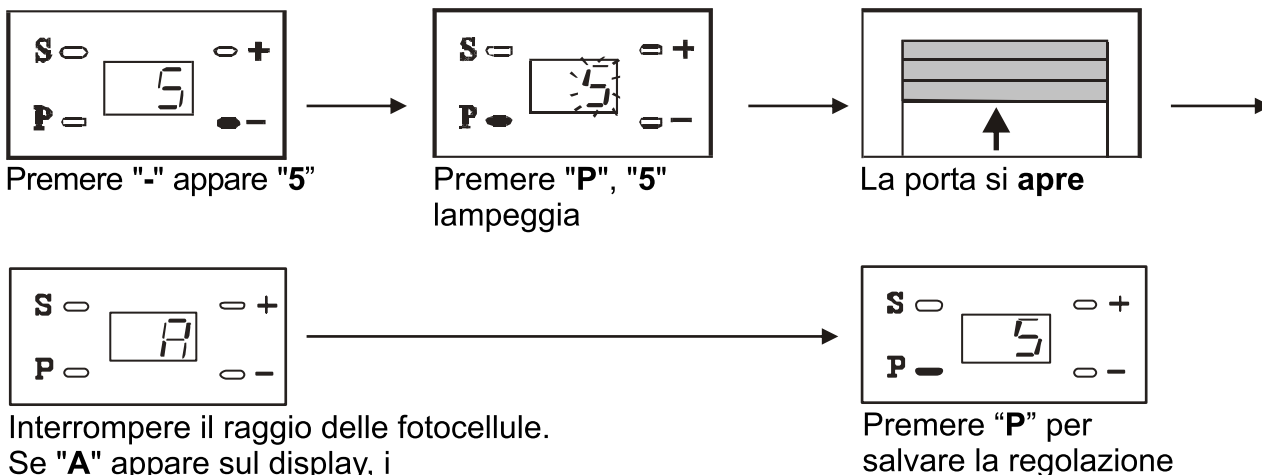
La funzione è normalmente disattiva per impostazione di fabbrica.
Se le fotocellule non sono installate non è necessario effettuare questa programmazione.
Per accedere al menu successivo premere nuovamente "-".



E5. TEST FOTOCELLULE

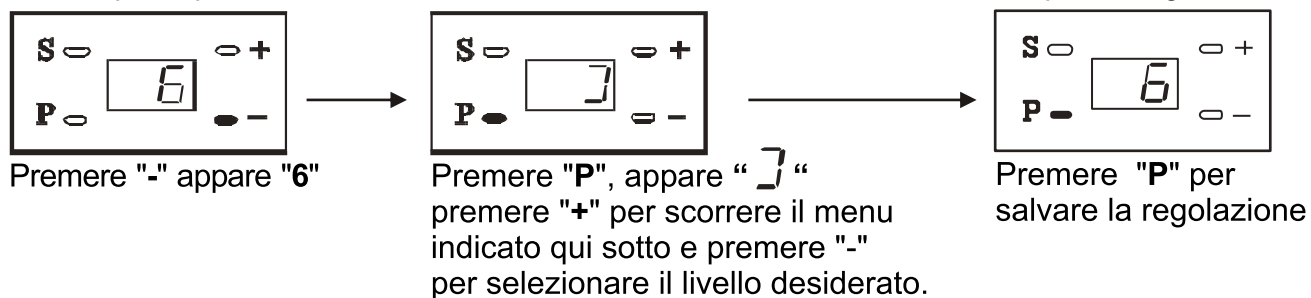
N.B.: Se le fotocellule non sono installate non effettuare il test.
Per accedere al menu successivo premere nuovamente "-".

Questo Test può essere effettuato per verificare le fotocellule senza uscire dalla programmazione.



E6. REGOLAZIONE DELLA SENSIBILITÀ OSTACOLI

Il livello preimpostato è 3, l'utente finale non dovrebbe mai intervenire su questa regolazione.



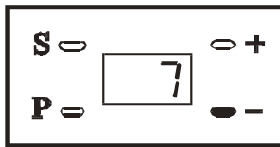
Sensibilità crescente secondo la direzione della freccia.



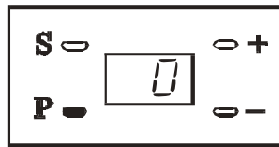
Una regolazione della sensibilità troppo alta può alterare il funzionamento della porta.
(Es. La porta inverte il movimento.)

E7. REGOLAZIONE DEL SEGNALE DI ALLARME PORTA APERTA

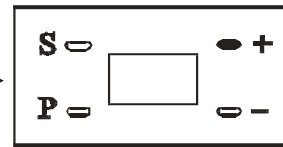
Impostazione di fabbrica su "OFF"



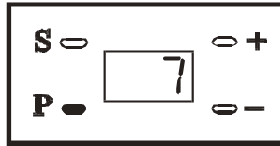
Premere "-", appare "7"



Premere "P"



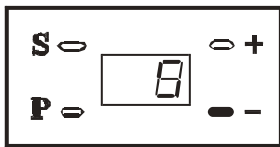
Premere "+" per attivare la funzione
Premere "-" per disattivare la funzione



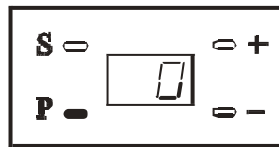
Premere "P" per
salvare la regolazione

E8. REGOLAZIONE DELLA CHIUSURA AUTOMATICA

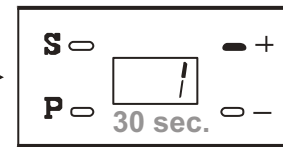
Questa funzione è disattivata nell' impostazione di fabbrica.



Premere "-"
finchè appare "8"

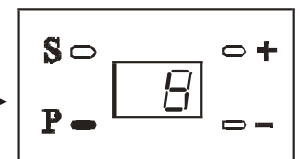
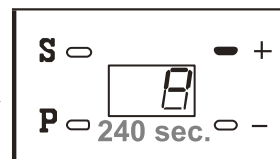
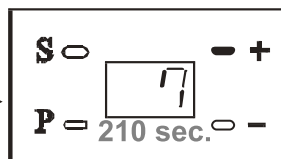
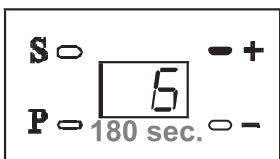
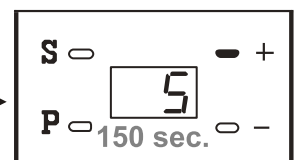
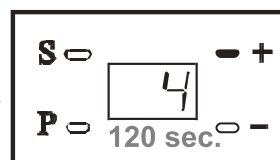
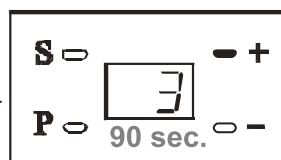
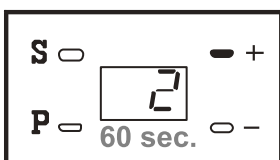


Premere "P" finchè
appare "0" per
attivare la funzione
di Chiusura Automatica



Premere "+" finchè appare "1"
per impostare il tempo di pausa
a 30 secondi

Premere "+" o "-" per impostare il tempo di pausa prima della chiusura automatica secondo lo schema seguente, 8 significa 240 secondi (massimo tempo di pausa possibile), 7 significa 210 secondi, ecc.

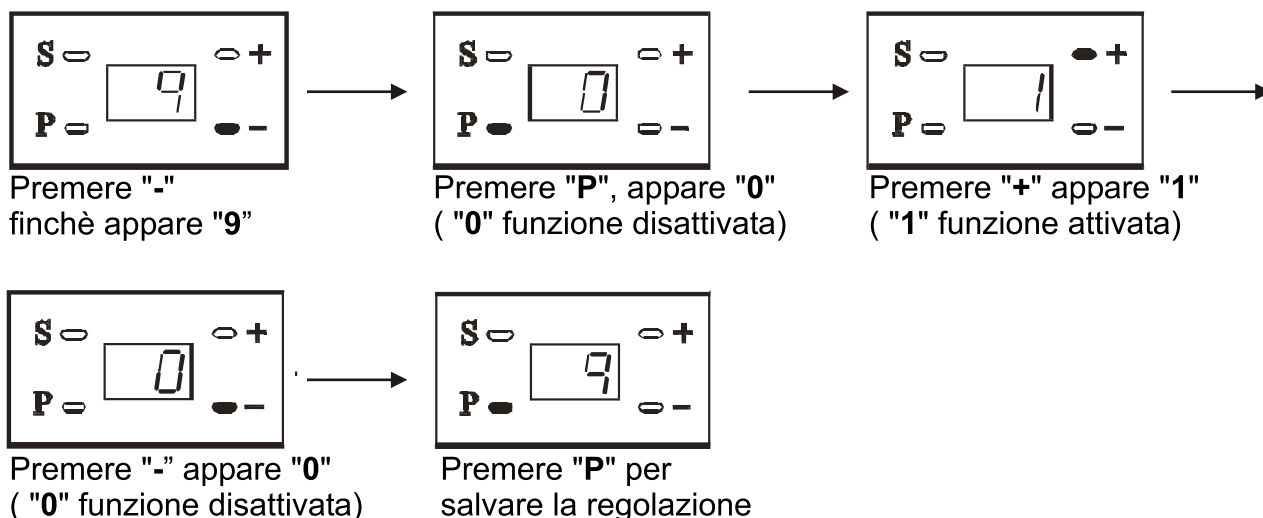


Premere "P" per
salvare la regolazione

E9. REGOLAZIONE DEL SEGNALE 2000 CICLI DI MANOVRA

Questa funzione è normalmente disattiva nelle impostazioni di fabbrica.

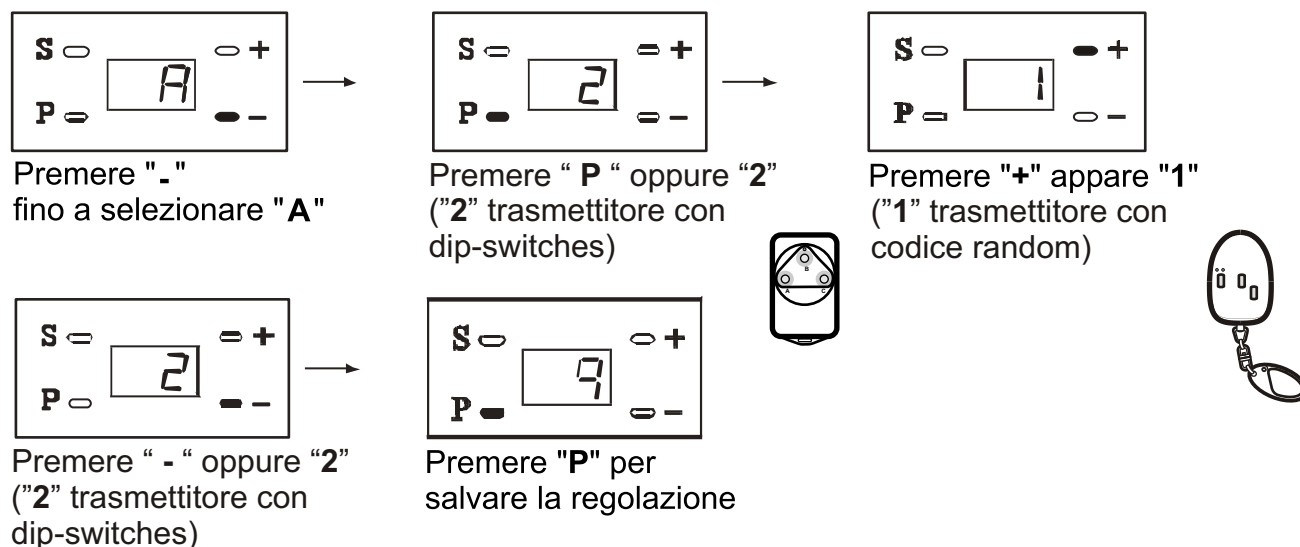
Per impostare un segnale sonoro di allarme quando l'automazione raggiunge i 2000 cicli di manovra attenersi alla eguente procedura:



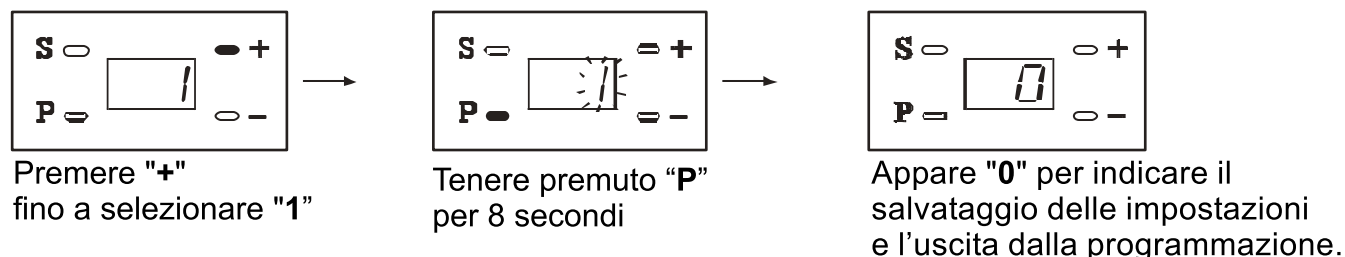
ATTENZIONE Per spegnere l'allarme togliere l'alimentazione e riattivarla nuovamente.

E10. SELEZIONE DEL TRASMETTITORE

Selezionare il tipo di trasmettitore utilizzato tramite la seguente procedura:



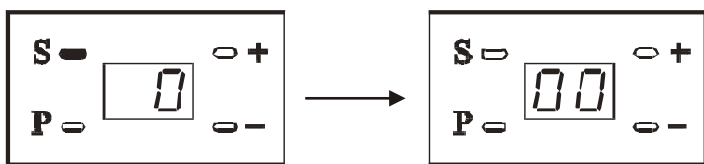
E11. SALVATAGGIO DELLA PROGRAMMAZIONE



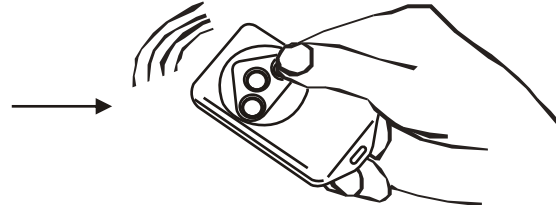
ATTENZIONE Se questa procedura non viene effettuata tutte le regolazioni effettuate andranno perse.

F. APPRENDIMENTO TRASMETTITORI

F1. APPRENDIMENTO CODICI



Tenere premuto "S" finchè non compare uno "0" sulla parte sinistra del **DISPLAY**



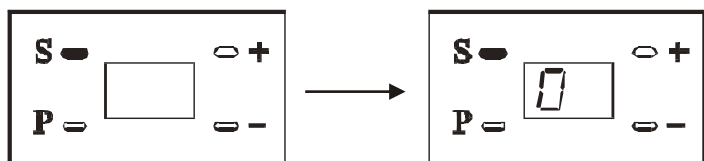
Premere un tasto del radio trasmettitore due volte prima che lo "0" scompaia dal **DISPLAY**



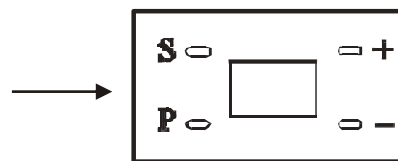
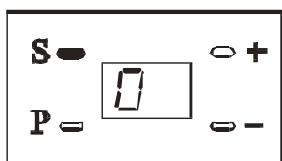
ATTENZIONE

A questo punto la centrale ha memorizzato con successo il codice del trasmettitore. Se premendo il tasto l'automazione si muove, ulteriori trasmettitori possono essere memorizzati utilizzando la stessa procedura.

F2. CANCELLAZIONE DEI CODICI



Tenere premuto "S" finchè non compare "0" sulla parte sinistra del **DISPLAY**



Mantenere premuto "S" finchè "0" scompare

A questo punto tutti i trasmettitori precedentemente memorizzati sono stati cancellati.



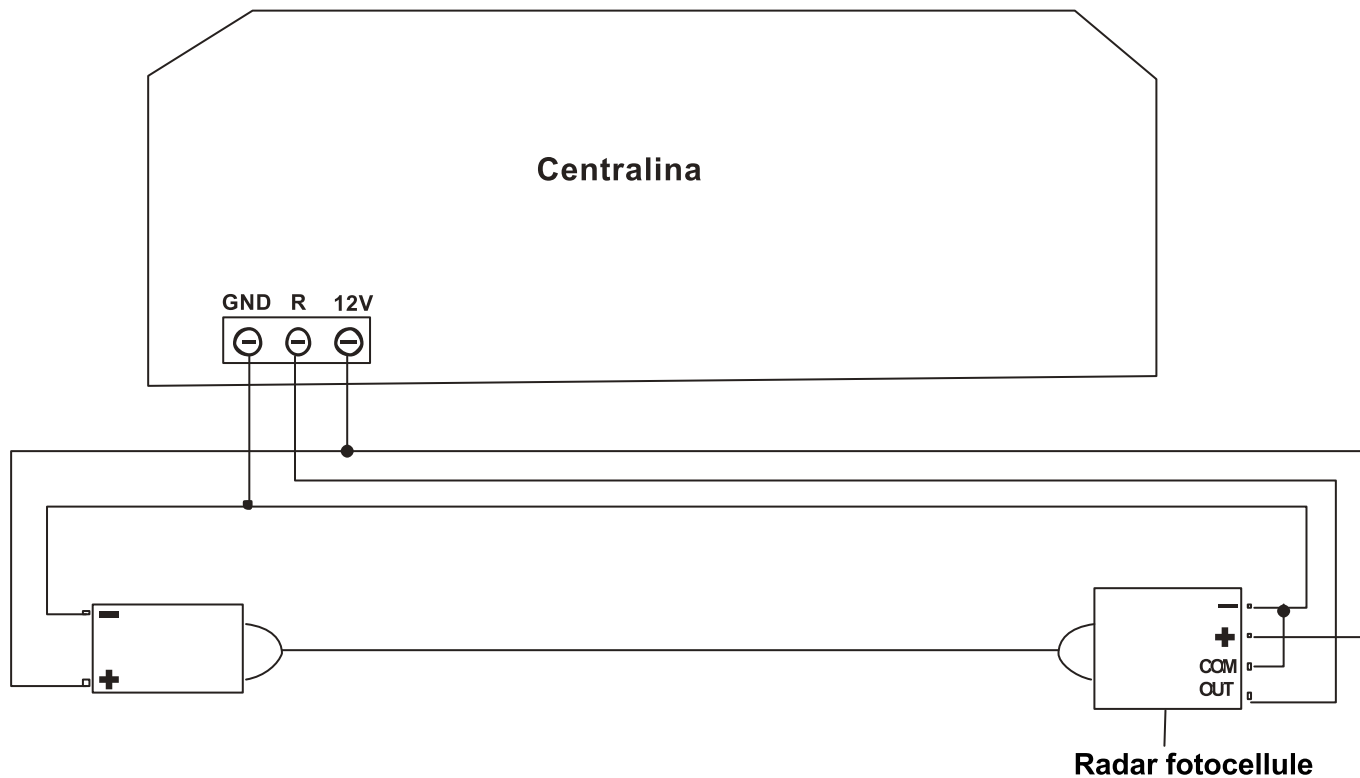
ATTENZIONE

N.B.: Per ragioni di sicurezza è necessario cancellare tutti i codici dei telecomandi memorizzati se uno di questi viene accidentalmente perso.

SCHEMA DI CABLAGGIO FOTOCELLULE

(Accessori opzionali)

Cablare secondo il seguente schema



AVVERTENZE

L'interruzione del raggio delle fotocellule durante la chiusura causa l'immediata interruzione del movimento mentre non ha alcun effetto durante la manovra di apertura.

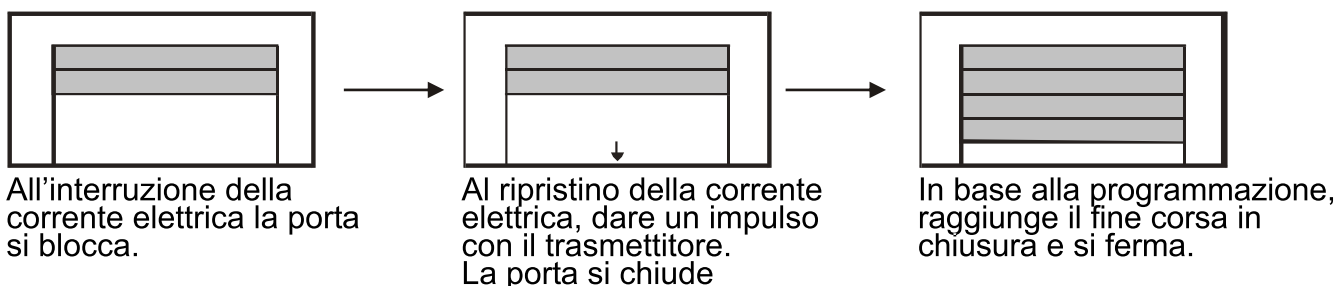
MANUALE D'USO PER L'UTENTE FINALE

MANUTENZIONE DELL'AUTOMAZIONE

- a) I modelli di automazione per porte per garage **LIBRA** e **LIBRA PLUS** sono prodotti a basso impatto ambientale che, con un utilizzo normale, richiedono una minima manutenzione.
- b) Prima di utilizzare l'automazione controllare che il sistema di trazione scorra agevolmente (disinnestare la frizione del carrello di trascinamento, quindi aprire e chiudere la porta manualmente)
- c) Controllare periodicamente che la porta apra e chiuda alle altezze corrette e che le molle abbiano spinta sufficiente per sollevare la porta. Lubrificare regolarmente se necessario gli ingranaggi meccanici.

MANOVRA DI EMERGENZA

In caso di mancanza di corrente elettrica la porta si comporta in base alla seguente procedura:



In caso di interruzione della corrente elettrica, l'apertura o la chiusura della porta possono avvenire manualmente una volta disinnescata la frizione del carrello di trascinamento (Vedi pag.5).

ANOMALIE

| Anomalia | Cause | Soluzioni |
|--|---|---|
| L'automazione non funziona | <ul style="list-style-type: none">• L'alimentazione non è correttamente inserita• Il fusibile è bruciato | <ul style="list-style-type: none">• Far intervenire un tecnico professionista• Far sostituire il fusibile da un tecnico |
| La porta non si muove | <ul style="list-style-type: none">• Nessun codice è stato memorizzato• Batteria del trasmettitore scarica | <ul style="list-style-type: none">• Memorizzare nuovamente il codice• Sostituire la batteria |
| La portata del trasmettitore è troppo debole | La batteria del trasmettitore non è sufficientemente potente | Sostituire la batteria con un'altra dello stesso modello |
| La catena gira ma la porta non si muove | La frizione del carrello di trascinamento potrebbe non essere innestata | Bloccare la frizione (pag.5) |
| L'allarme continua a suonare | <ul style="list-style-type: none">• La porta è rimasta aperta troppo a lungo• Segnalazione di 2000 cicli di manovra | <ul style="list-style-type: none">• Chiudere la porta• Togliere l'alimentazione e ripristinarla nuovamente |
| La porta non apre o non chiude correttamente | Errata regolazione | Rifare la programmazione (pag.7) |
| La porta non funziona correttamente e sul display appare "H" | Problema della centrale di gestione dovuto all'umidità | Asciugare la centrale (far intervenire un tecnico) |
| La porta si ferma improvvisamente o si muove a scatti e sul display appare "F" | <ul style="list-style-type: none">• La molla di trazione è storta• La porta ha incontrato un ostacolo• La tensione di alimentazione non è stabile | <ul style="list-style-type: none">• Far intervenire un tecnico professionista per riparare la molla• Regolare la sensibilità ostacoli in maniera adeguata fino a quando " F" scompare dal display. |
| L'automazione emette un suono stridente durante il funzionamento | Attrito tra la guida e la frizione dovuto all'usura | Lubrificare adeguatamente o incerare la parte tra la guida e la frizione |
| La catena è diventata lenta e rumorosa | Allentamento della catena dovuto all'uso prolungato senza adeguata lubrificazione | Fissare in maniera adatta il bullone sulla molla, tenere la catena in posizione e lubrificarla (pag.2) |



Rischio di scossa elettrica.
Solo un tecnico professionista può intervenire su cavi e componenti della centrale di gestione.

CONTENTS

GB

| | |
|---|---------|
| A) Components list..... | pag. 1 |
| B) Technical data and main features | pag. 2 |
| C) Rail assembly..... | pag. 4 |
| D) Installation..... | pag. 5 |
| E) Commissioning..... | pag. 8 |
| F) Radio transmitters programming | pag. 13 |
| Electrical wiring diagram | pag. 14 |
| End user guide | pag. 16 |



















KEEP THIS MANUAL IN A SAFE PLACE

- Do not allow children to play with the automated garage door. Keep the opener's controls away from children.
- Keep watching on the door's movement and do not approach to the door until it's completely open or has come to a complete stop.
- Check regularly the automation operating condition; in particular make sure that cables, springs and fixing brackets do not show signs of wear, damages or imbalance.
- Do not use the automation if repairing or maintenance is needed. Incorrect assembly or improper use may cause serious injury!

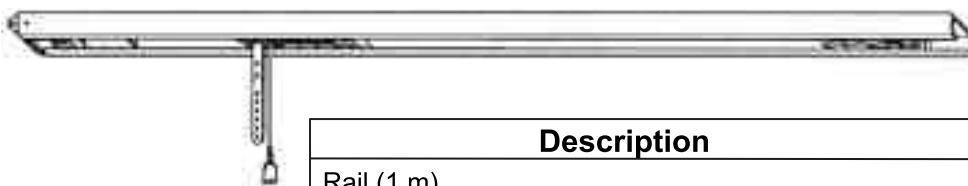
A. COMPONENTS LIST

The automation kit consists of two packs, as shown in the tables below:

Garage door opener pack

| | Description | Q.ty |
|---|--|------|
|  | Gearmotor with incorporated control unit | 1 |
|  | Instructions manual | 1 |
|  | Radio transmitter | 1 |
|  | Bent door arm | 1 |
|  | Mounting bracket | 2 |
|  | Support bracket | 1 |
|  | "U" bracket | 3 |
|  | Front wall fixing bracket | 1 |
|  | Door fixing bracket | 1 |
|  | Hexagon-head driving screw 6x15 | 8 |
|  | Screw with hexagonal nut 6x80 | 1 |
|  | Inserted pin 8x25 | 1 |
|  | Cotter pin 3x20 | 1 |
|  | Pinion | 1 |
|  | Rawlplug 6x80 | 6 |
|  | Screw with hexagonal nut 8x20 | 4 |

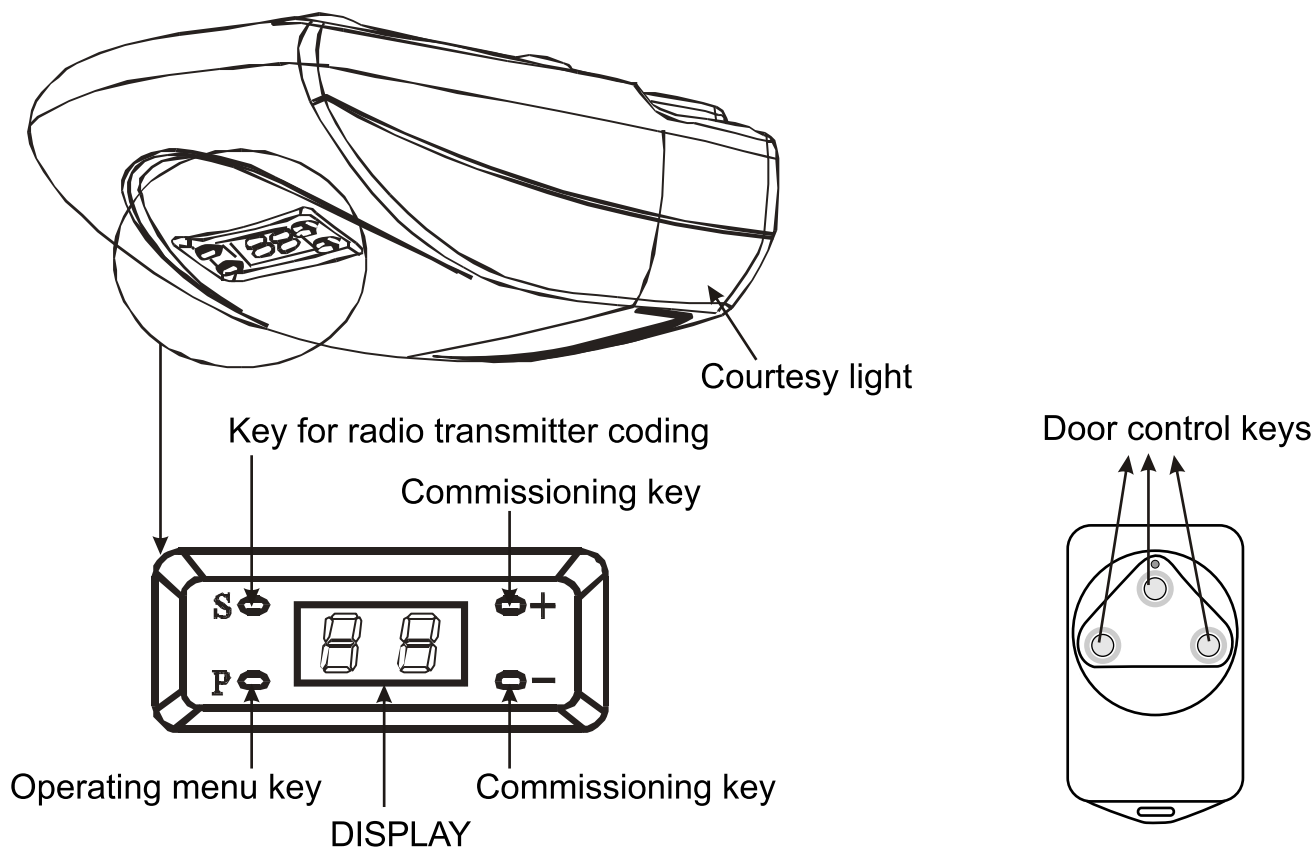
RAIL PACK



| Description | Q.ty |
|------------------------|------|
| Rail (1 m) | 3 |
| Straight door bracket | 1 |
| Chain | 1 |
| Emergency release rope | 1 |
| Trolley | 1 |

B. TECHNICAL DATA AND MAIN FEATURES

GB



B1. MAIN FEATURES

- Door operating The start of the open-stop-close-stop cycle can be given by a single impulse of the radio transmitter.

 Courtesy lamp automatically lights on and it lights off in 3 minutes.
- Motor Control unit's soft-start and soft-stop functions assure maximum noiselessness and long lasting service
- Self Diagnosis The digital display on the garage door opener allows operational monitoring and easy troubleshooting

L= Normal **F**=Interrupted **H**=Failure in reading **A**=Photocells status
- Alert function If the door stays open for more than 10minutes an alert sound can be heard. The alarm automatically stops when the door is re-closed. (see page 10)
- Power failure The door can be open manually by pulling down on the emergency release rope. (see page 5)
- Accessory devices A photocell connection is available on the control unit. (see page 14)
- Automatic closing Automatic closing time can be set from 30 to 240 seconds.
- 2000 cycles alarm When the garage door opener has run 2000 cycles, an alarm can be heard to remind the user to perform the required maintenance. (see page 11)

B2. TECHNICAL DATA

| | LIBRA | LIBRA PLUS |
|---------------------|---------------------|----------------------|
| Main power supply | 230V 50Hz | |
| Motor power supply | 24Vdc | |
| Lifting power | 700 N | 1100 N |
| Motor thrust | 100 W | 150 W |
| Stand-by absorption | 4 W | |
| Door dimensions | 8m ² max | 12m ² max |
| Door height | 2m ² max | |
| Rail length | 3m | |

GB

B3. INSTALLATION ON COUNTERWEIGHTS-BALANCED DOORS

To use this garage door opener on a counterweights-balanced door, you need to install the adapter arm ARC (buyable as optional).

Before mounting the rail, please see following instructions:

- Take the trolley out of the rail
- remove the four screws on the trolley and open it
- replace the straight bracket with the "boomerang" bracket coming with ARC adapter
- close the trolley and fasten the screws
- put the trolley back into the rail and go on

Please, follow the instructions of ARC adapter to fix it to the door.

C. RAIL ASSEMBLY

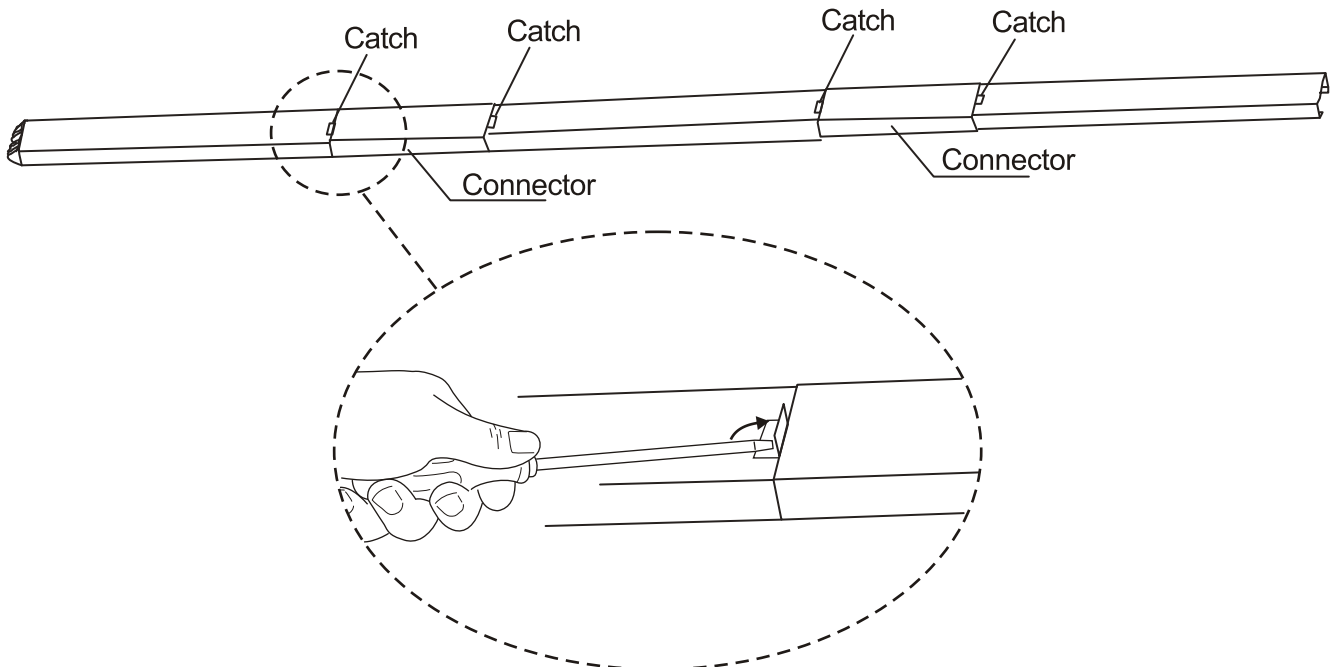
- 1) Open the rail pack



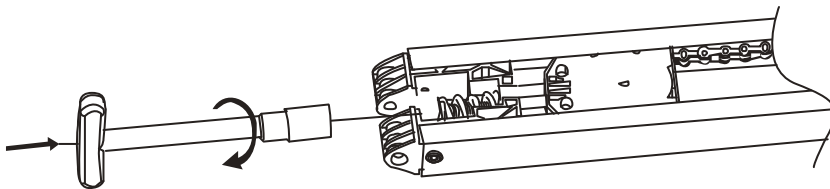
- 2) Unfold the rail on the floor as shown in the picture



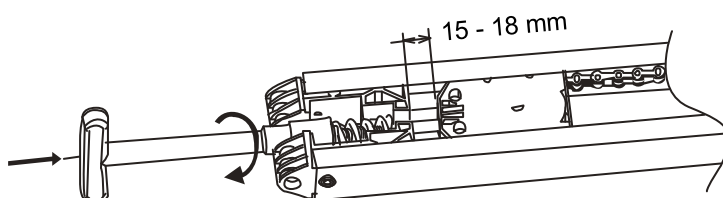
- 3) Join the rail parts together through the provided connectors in a way that the catches are in sight



- 4) Tighten the nut with a Ø 13 sleeve



- 5) Adjust distance as shown in the picture



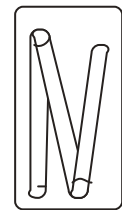
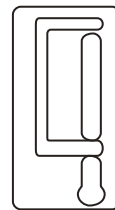
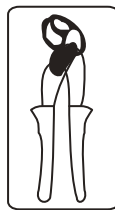
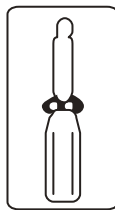
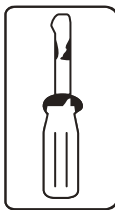
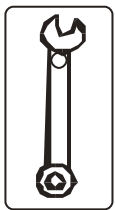
D. INSTALLATION



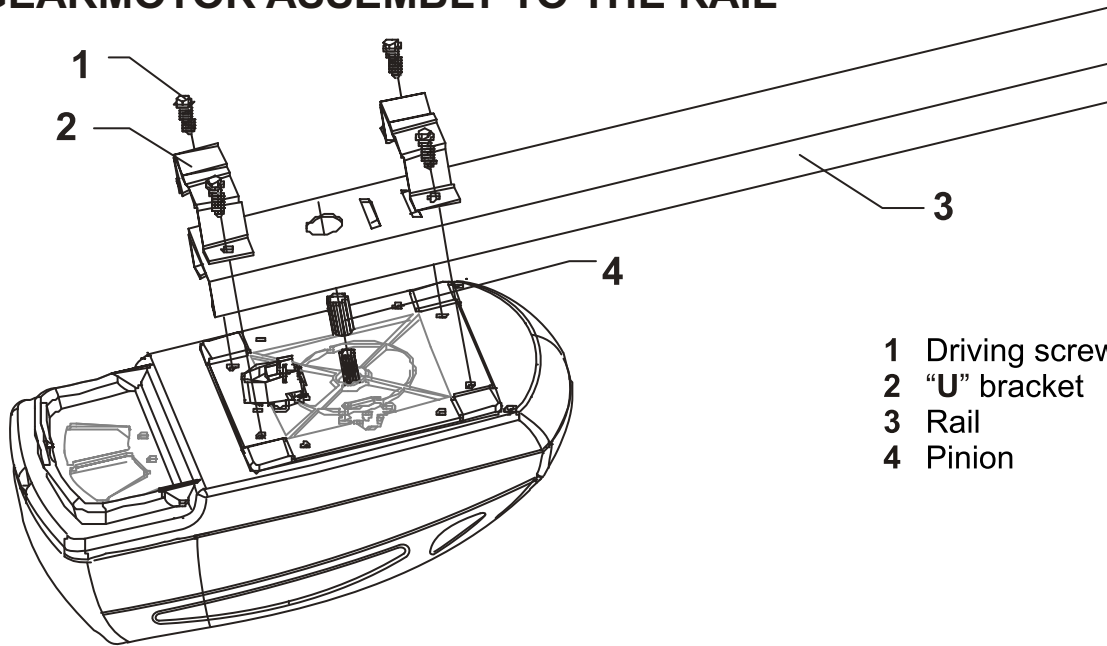
WARNING: FOLLOW THE MOUNTING INSTRUCTIONS CAREFULLY.
A FAULTY INSTALLATION MAY CAUSE SERIOUS INJURIES!

- Before proceeding with the installation, remove all unnecessary packages and disable any unused equipment;
- Make sure that the door can be easily opened and closed manually and check that it is in good mechanical condition and properly balanced;
- Fix the garage door opener so that the emergency release rope can be reached at an height lower than 1,8m from the floor;
- Install any automation system permanent controls within the door sight range but far enough from any moving part and at a minimum height of 1,5m;
- Affix, in outstanding position or near the permanently mounted controls, warning signals indicating the risk of being caught in the door movement;
- Clearly indicate the emergency release system;
- Once you have completed the installation, make sure that the mechanical structure is properly adjusted and check that door reverses the closing movement when detecting any obstacle higher than 40cm from the floor;
- Make sure that the door movement does not hinder public roads or footpaths;
- Make sure that the garage door opener stops any opening movement when a minimum load of 20 Kg is centrally fixed on the bottom edge of the door;

REQUIRED TOOLS

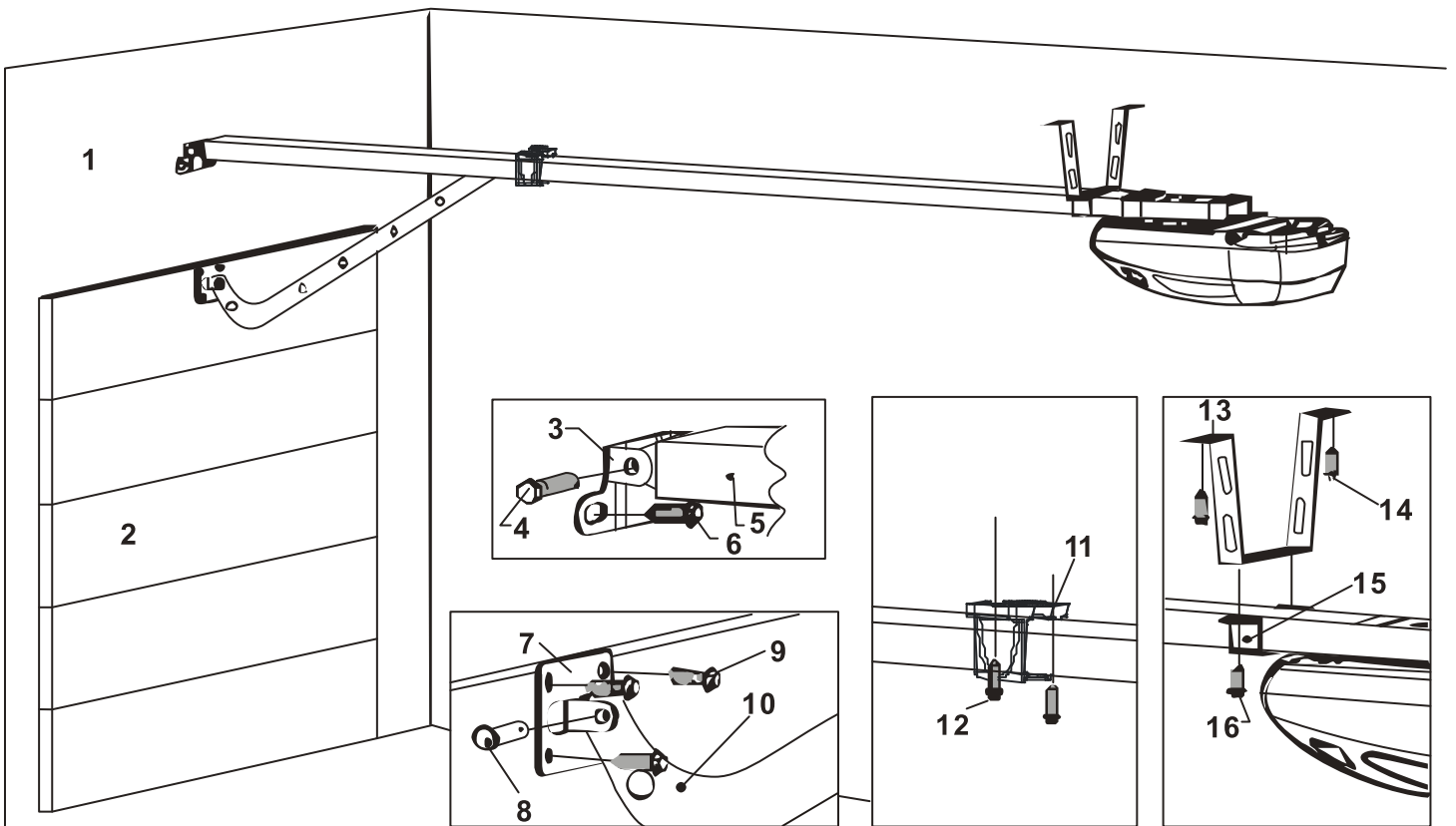


D1. GEARMOTOR ASSEMBLY TO THE RAIL



- 1 Driving screws 6x15
- 2 "U" bracket
- 3 Rail
- 4 Pinion

D2. GEARMOTOR AND RAIL FIXING

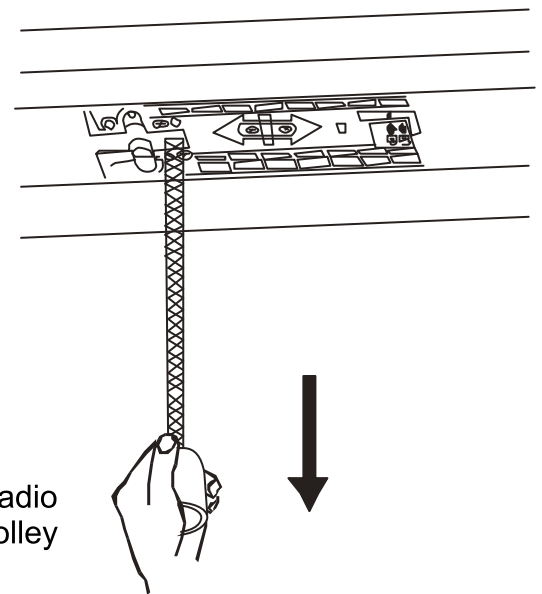
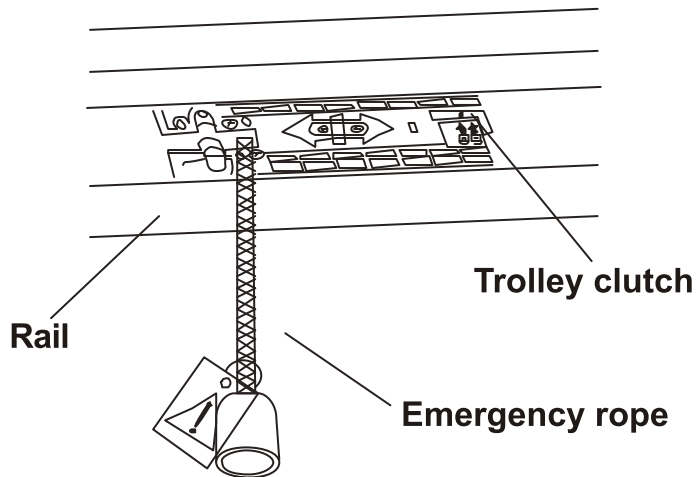


- 1 Front wall
- 2 Door
- 3 Front wall fixing bracket
- 4 Screw 6x80
- 5 Rail
- 6 Rawlplug
- 7 Door fixing bracket
- 8 Inserted pin 8x25
- 9 Driving screw 6x15
- 10 Bent door arm
- 11 Support bracket
- 12 Screw 8x20
- 13 Mounting bracket
- 14 Rawlplug
- 15 "U" bracket
- 16 Screw 8x20

D1. EMERGENCY RELEASE

IN CASE OF POWER FAILURE

- 1 If door is **CLOSED**:
Pull the rope to release the trolley and easily uplift the door.
- 2 If door is **OPEN**:
Pull the rope once more to manually close the door.



WHEN POWER RECOVERS

Give a start impulse to the garage door opener through the radio transmitter or through a permanently mounted control: the trolley clutch will be re-engaged automatically.

E. COMMISSIONING

PRELIMINARY PROCEDURE

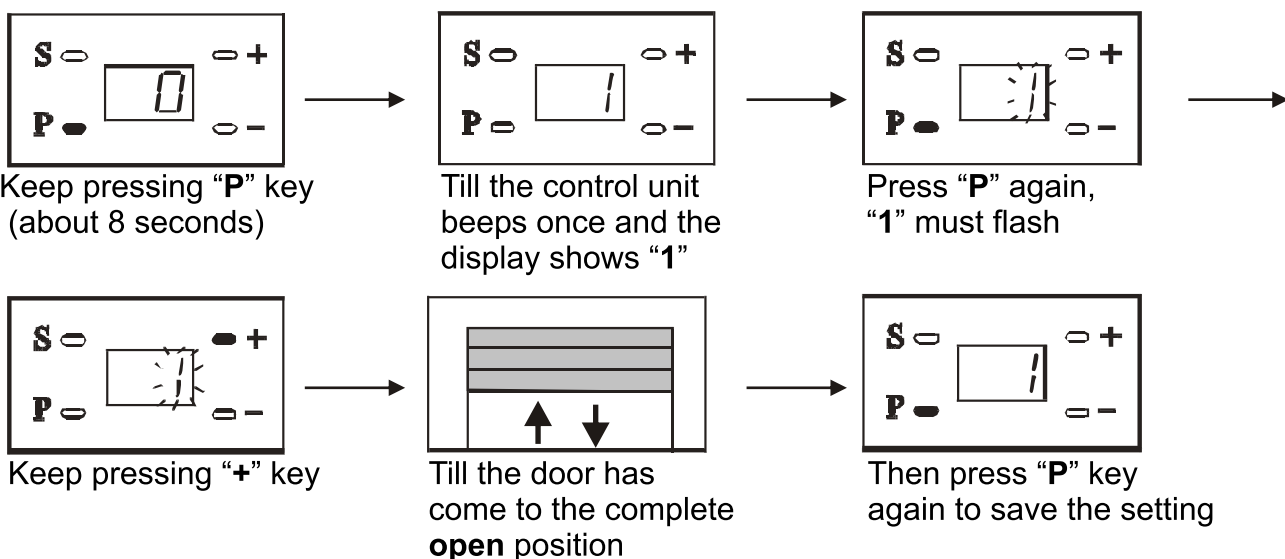
- a) Lock the clutch and then gently move the door to the closed position.
- b) Power the garage door opener: the courtesy light will turn on, the display shows "0" and the control unit will "beep" once.

GB



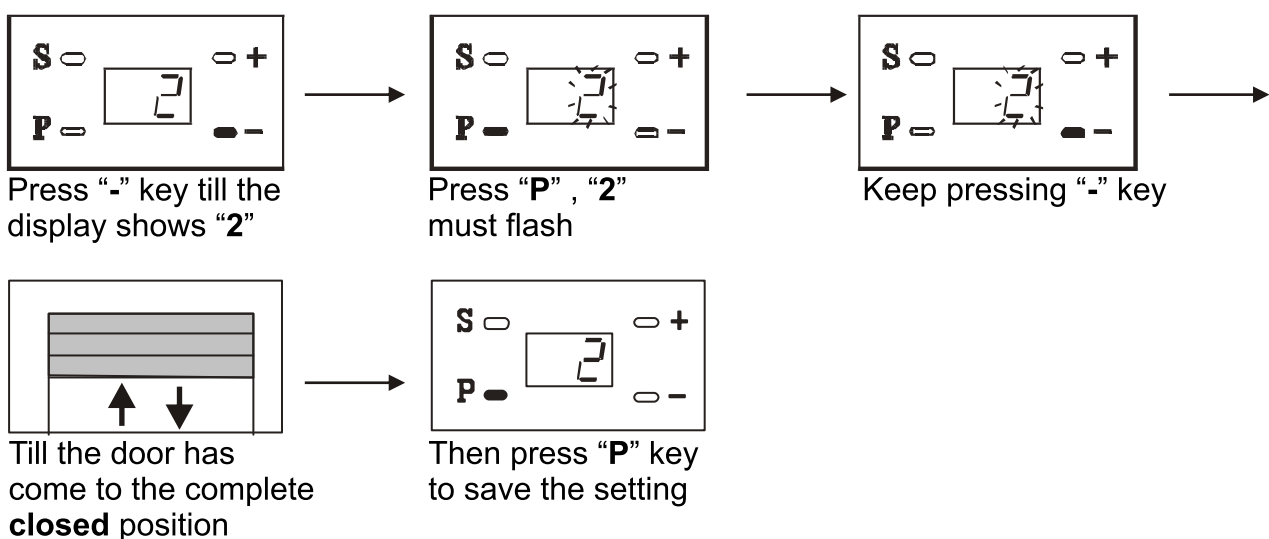
If no instruction is given for more than 2 minutes the control unit automatically exits from commissioning mode and any previous adjustment will be deleted.

E1. DOOR'S OPENING LIMIT SETTING



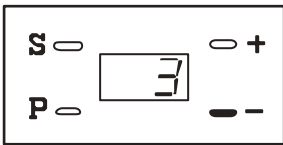
The saved information has no effect if this procedure is followed to set door's closing limit.

E2. DOOR'S CLOSING LIMIT SETTING

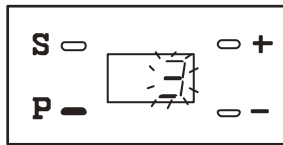


The saved information has no effect if this procedure is followed to set door's opening limit.

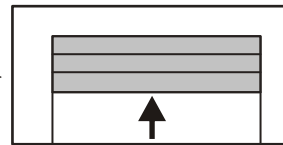
E3. FORCE SETTING



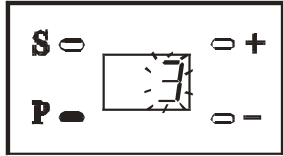
Press “-” key till the display shows “3”



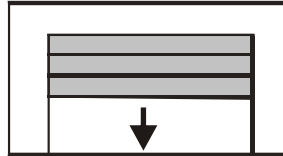
Press “P”, “3” must flash



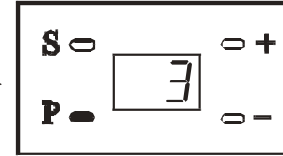
The door automatically **opens**



When the door stops, press “P” key twice



The door automatically **closes**



Then press “P” key to save the setting



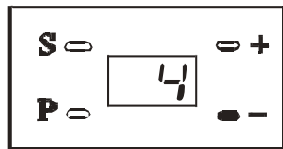
Once the full cycle has finished, you can press “+” key to select menu “1” and then keep pressing “P” key till the display shows “0”.
Now the basic commissioning procedure has been completed.

E4. PHOTOCELLS SETTING

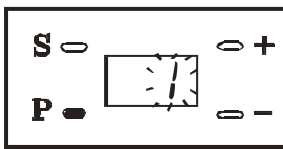
This function is normally inactive from factory settings.

If you don't want to install any photocells you don't need to carry out this procedure.

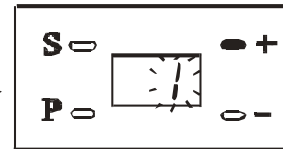
You can skip to the next setting menu by pressing “-” key twice.



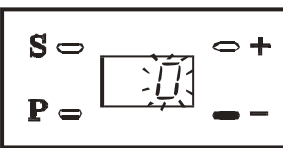
Press “-” key till the display shows “4”



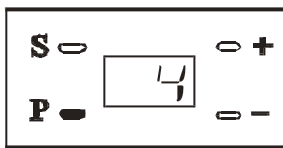
Press “P”, “1” must flash



Press “+” key to activate the photocell function; the control unit will beep once



Press “-” key to turn off the photocell function; the control unit will beep twice

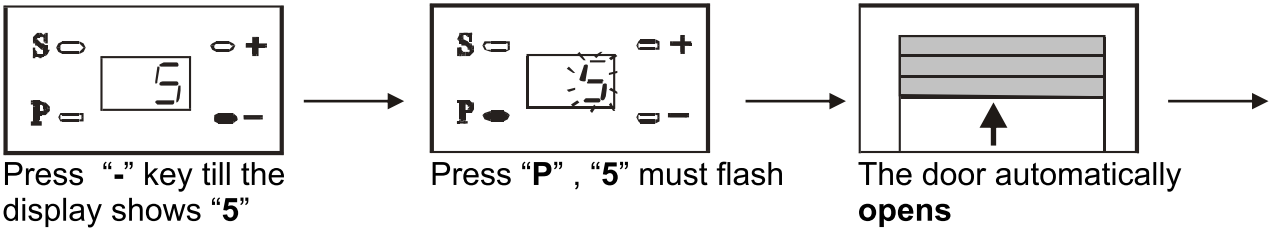


Then press “P” key to save the settings


E5. PHOTOCELLS TESTING

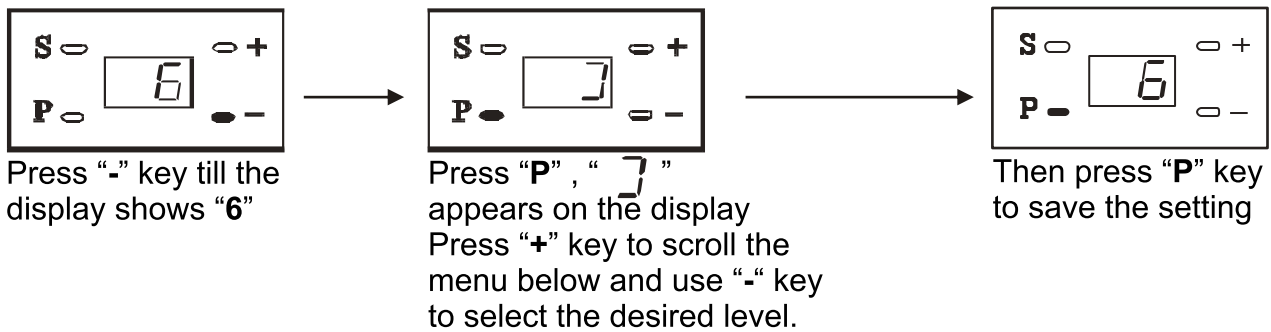
Note: Do not carry out this test if there is no photocells connection.
Press “-“ key twice to skip to the next setting menu.

You can use this test to check the photocells operativity without exit from the commissioning procedure.

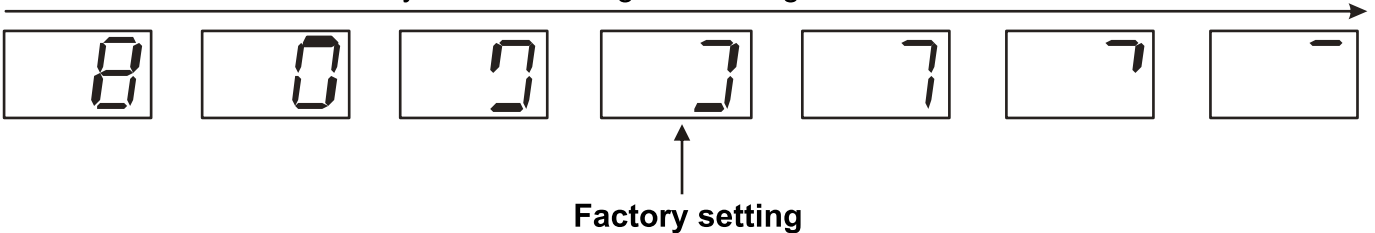


E6. OBSTACLE DETECTION SETTING

Factory setting is , resetting by end user should not be required.



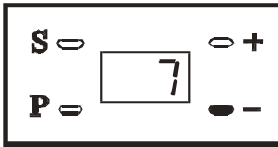
Obstacle detection sensitivity from low to high according to the arrow direction.



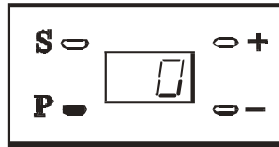
Setting the obstacle detection sensitivity to high may affect the correct door operating (i.e. The door will reverse the movement.)

E7. DOOR OPEN ALARM SETTING

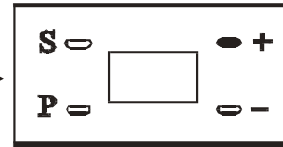
The factory setting is "OFF".



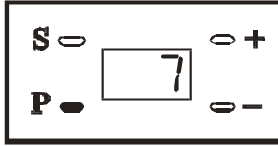
Press "-" key till the display shows "7"



Press "P"



Then press "+" to set the alarm function **ON**
Or press "-" to set the alarm function **OFF**

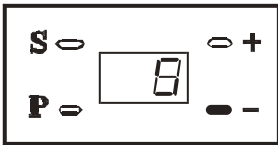


Then press "P" key to save the setting

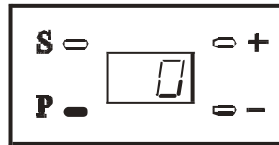


E8. AUTOMATIC CLOSING TIME SETTING

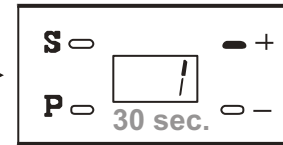
This function is normally **OFF** from factory settings.



Press "-" key till the display shows "8"

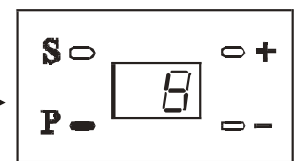
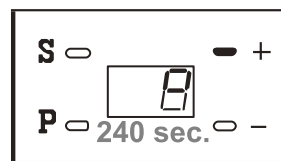
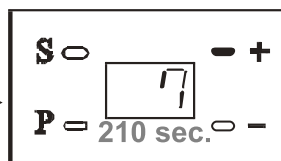
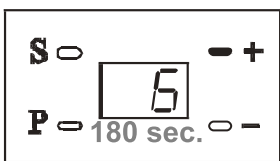
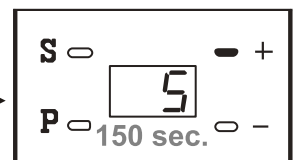
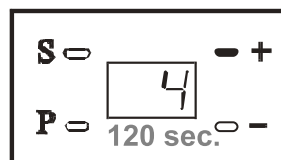
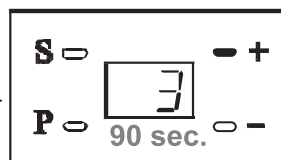
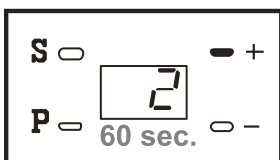


Press "P" key till the display shows "0" to set the automatic closing function **ON**



Press "+" till the display shows "1" to set the automatic closing time at 30 seconds

Press "+" or "-" to set the automatic closing time according to the following chart: 8 means 240 seconds (maximum setting), 7 means 210 seconds and so on...

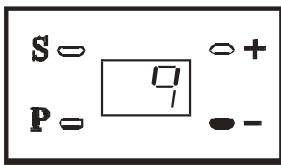


Then press "P" key to save the setting

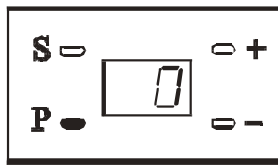
E9. 2000 CYCLES ALERT SETTING

This function is normally **OFF** from factory settings.

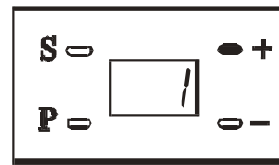
To set a warning sound when the garage door opener reaches 2000 cycles, please carry out the following procedure:



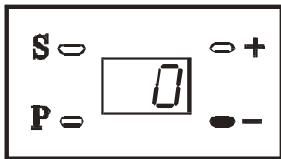
Press “-” key till the display shows “9”



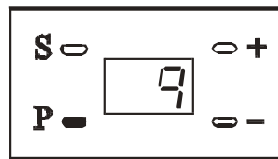
Press “P” key, the display shows “0” to mean that the 2000 cycles alert is **OFF**



Press “+” key till the display shows “1” to set the 2000 cycles alert **ON**



Press “-” key till the display shows “0” to set the 2000 cycles alert **OFF**



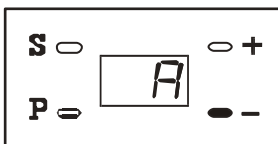
Press “P” key to save the settings



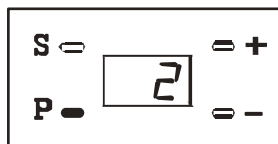
Exit way to alert sound down: cut off the power supply and then turn it on again

E10. RADIO TRANSMITTERS SELECTING

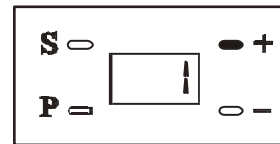
Please follow the procedure to select the radio transmitter you are using:



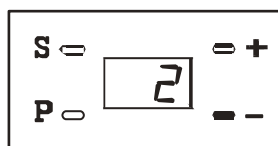
Press “-” key to select “A”



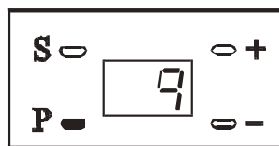
Press “P” key, the display shows “2” (that means that dip-switches transmitter is selected)



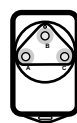
Press “+” key, till the display shows “1” to select random code generating transmitter



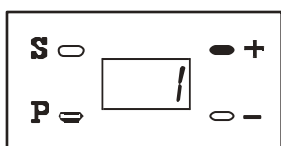
Press “-” till the display shows “2” to re-select the dip-switches transmitters



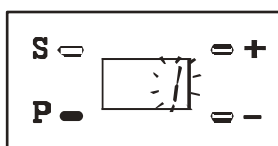
Press “P” key to save settings



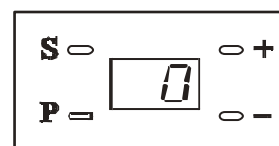
E11. COMMISSIONING FINALIZING



Press “+” to select “1”



Keep pressing “P” for 8 seconds



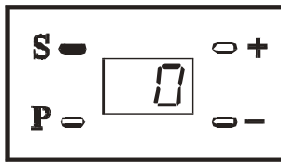
The display “0” and control unit exit the commissioning mode.



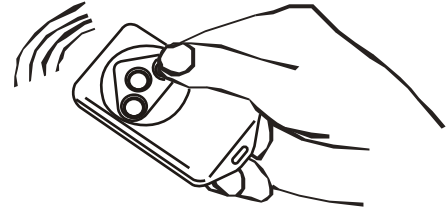
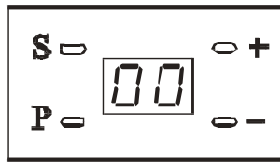
N.B. You must carry out this finalizing procedure, otherwise all the previous settings will be lost.

F. RADIO TRANSMITTERS PROGRAMMING

F1. CODING



Keep pressing "S" till a "0" appears in the left side of display

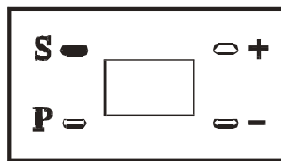


Press any key of the radio transmitter twice before the "0" disappears

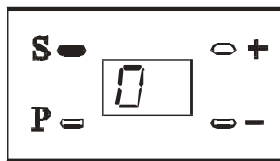


Now the coding procedure is completed. Make sure that the radio transmitter has been successfully coded by pressing the radio transmitter key: the door should move.

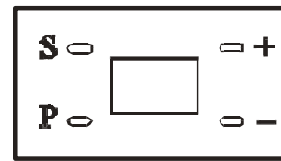
F2. DECODING



Keep pressing "S"



till "0" appears in the left side of display



Hold on pressing "S" till the "0" disappears from the display

All radio transmitters have now been decoded.

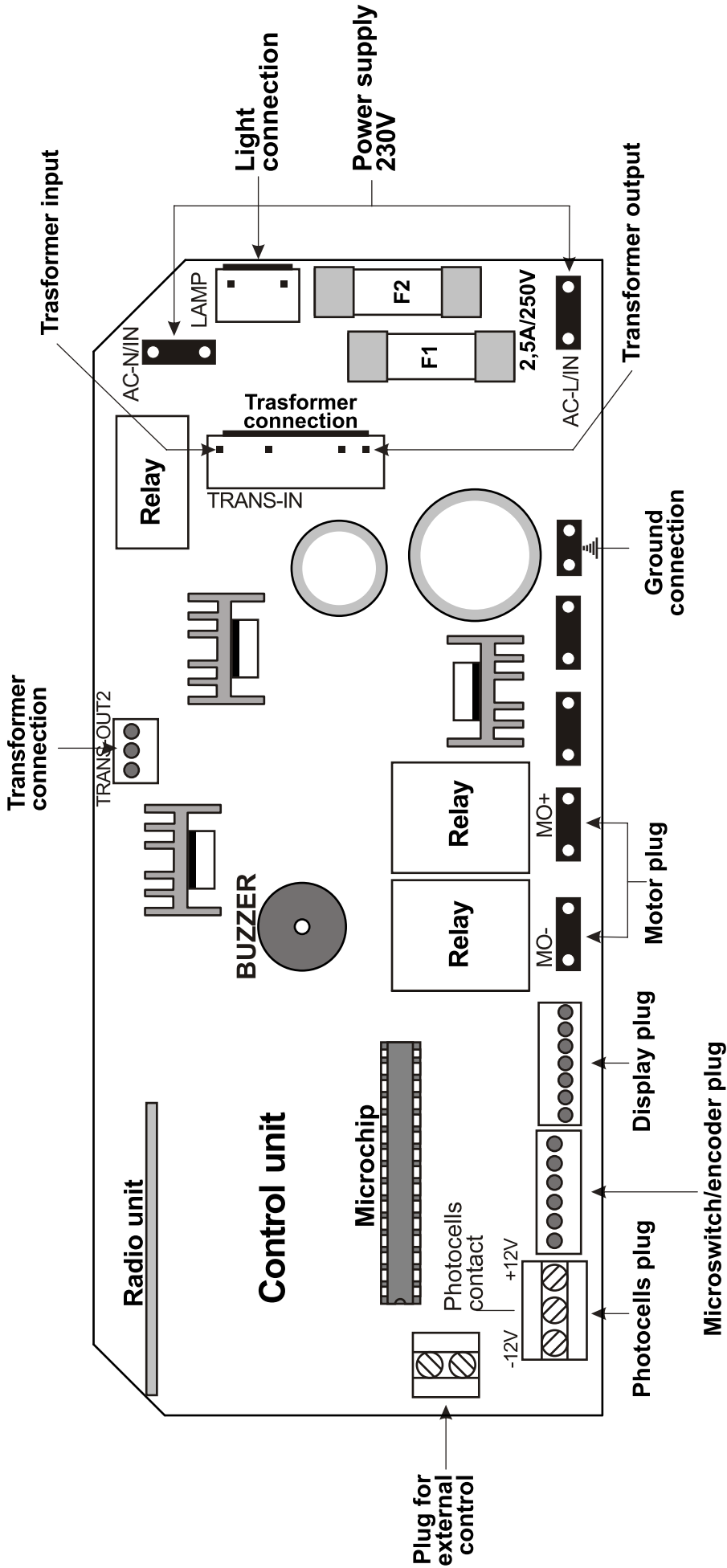
To operate again the garage door opener you need to re-code radio transmitters



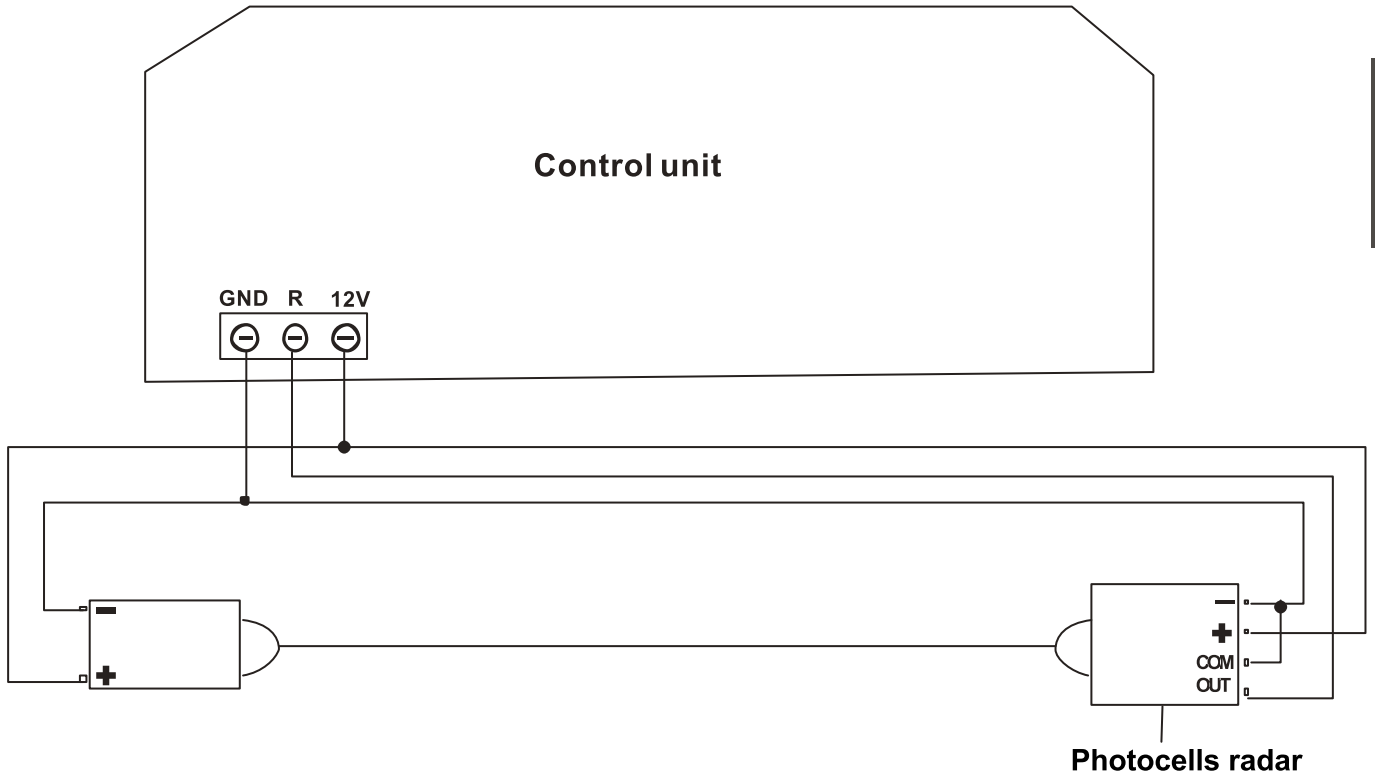
N.B.: For security reason all transmitters have to be decoded if one of them goes lost.

WIRING DIAGRAM

GB



PHOTOCELLS WIRING DIAGRAM (Optional devices)



WARNING

Breaking the photocells beam while the door is closing immediately stops the movement, while it doesn't affect in opening.

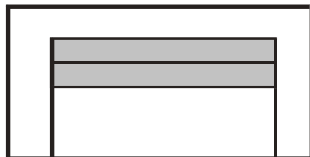
END USER GUIDE

MAINTENANCE

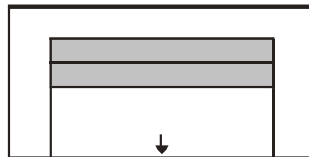
- LIBRA** and **LIBRA Plus** garage door openers are environment friendly products and they generally require minimum maintenance care for normal use.
- Before using the garage door opener make sure that the driving system slides fluently (release the trolley clutch and then open and close the door manually).
- Check regularly the correct open and closed position of the door and make sure that springs can correctly lift up the door. Periodically lubricate all moving mechanical parts.

EMERGENCY RELEASE

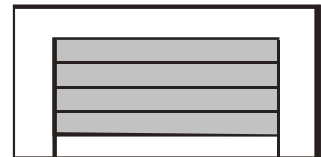
In case of power failure, the door will act as follows:



When the power fails, the doors stops.



When the power recovers, give an opening impulse with the radio transmitter: the door closes



The door reach the closed position, as previously set, and stops still.

In case of power failure, the door can be opened or closed manually after releasing the trolley clutch (see page 5)

TROUBLESHOOTING

| Problem | Probable Cause | Possible Solution |
|---|---|--|
| The garage door opener doesn't work | <ul style="list-style-type: none"> Power is not properly plugged The fuse is blown | <ul style="list-style-type: none"> Call for a professional installera Ask a professional to replace the fuse |
| The door doesn't move | <ul style="list-style-type: none"> No radio transmitter code Radio transmitter battery is flat | <ul style="list-style-type: none"> Code the radio transmitter again Replace the radio transmitter battery |
| Radio transmitter range is too short | The radio transmitter battery is not powerful enough | Replace with a new one of the same model |
| The chain slides, but the door doesn't move | The trolley clutch may not be properly engaged | Engage the trolley clutch (page 5) |
| The alert keeps sounding | <ul style="list-style-type: none"> The door is open since too long The opener has reached 2000 cycles | <ul style="list-style-type: none"> Close the door Cut the power off and then power the garage door opener again |
| The door doesn't open or close properly | Error in commissioning procedure | Perform the commissioning procedure again. (page 7) |
| The door doesn't work properly and the display shows "H" | Problem of dampness in the control unit | Dry the control unit (by a professional) |
| The door suddenly stops or bounces and the display shows "F" | <ul style="list-style-type: none"> The pulling spring is distorted The door finds some obstacle The main power is not stable | <ul style="list-style-type: none"> Ask a professional to repair the spring Remove the obstacle or adjust the obstacle detection settings till the "F" disappear from the display |
| When the garage door opener is working a grating sound can be heard | Lack of lubricant between the rail and the trolley clutch | Add a suitable quantity of lubricant between the rail and the trolley clutch |
| Chain has come loose and noisy | Looseness of the chain because it has been used for long time without suitable lubricant | Properly fasten the bolt on the spring, put the chain in the correct position and lubricate it. (page 2) |



Electro-shock danger!

Only professionals are allowed to touch the wires and the control unit parts.

SOMMAIRE

| | |
|--|---------|
| A) Composition du Kit | pag. 1 |
| B) Présentation du système | pag. 2 |
| C) Assemblage du rail | pag. 4 |
| D) Montage et fixation du moteur | pag. 5 |
| E) Programmation de la carte..... | pag. 8 |
| F) Programmation de la radio..... | pag. 13 |
| Schéma de branchement électriques..... | pag. 14 |
| Manuel d'utilisation..... | pag. 16 |



















POUR VOTRE SÉCURITÉ, CONSERVEZ CETTE NOTICE EN LIEU SÛR POUR TOUTE CONSULTATION FUTURE

- Gardez les commandes de la motorisation hors de portée des enfants. Ne permettez pas aux enfants de jouer en proximité de la porte ou avec les commandes de la motorisation.
- Surveillez le mouvement de la porte et gardez une distance de sécurité tant que la porte n'a pas complété sa manœuvre.
- Vérifiez régulièrement le fonctionnement de la motorisation; en particulier assurez-vous que les câbles, les ressorts et les pattes de fixation ne manifestent pas signes d'usure, éléments abîmés ou déséquilibres.
- N'utilisez pas la motorisation en cas de nécessité de maintenance ou réparation. Un assemblage défectueux ou une utilisation impropre peuvent causer lésions sérieuses !

A. COMPOSITION DU KIT

La motorisation est fournie en deux colis, come indiqué ci-dessous:

Coli motorisation

| | Description | Q.té |
|---|--|------|
|  | Motoréducteur avec carte de gestion | 1 |
|  | Notice de installation | 1 |
|  | Télécommande | 1 |
|  | Bras courbe pour porte | 1 |
|  | Étrier de soutien de la motorisation | 2 |
|  | Étrier de support | 1 |
|  | Patte à "U" | 3 |
|  | Patte de fixation au linteau | 1 |
|  | Patte de fixation à la porte | 1 |
|  | Vis autofileteuse à tête hexagonale 6x15 | 8 |
|  | Vis avec écrou hexagonal 6x80 | 1 |
|  | Cheville 8x25 | 1 |
|  | Goupille 3x20 | 1 |
|  | Pignon | 1 |
|  | Vis tamponnée 6x80 | 6 |
|  | Vis avec écrou hexagonal 8x20 | 4 |

Coli rail



| Description | Q.té |
|---------------------------------|------|
| Rail (1m) | 3 |
| Bras droit pour porte | 1 |
| Chaîne | 1 |
| Corde déverrouillage de secours | 1 |
| Chariot | 1 |

B2. CARACTÉRISTIQUES TECHNIQUES

| | LIBRA | LIBRA PLUS |
|--------------------------|---------------------|----------------------|
| Tension principale | 230V 50Hz | |
| Tension moteur | 24Vdc | |
| Force en traction | 700 N | 1100 N |
| Puissance moteur | 100 W | 150 W |
| Consommation en stand-by | 4 W | |
| Surface porte | 8m ² max | 12m ² max |
| Hauteur porte | 2m ² max | |
| Longueur rail | 3m | |

B3. INSTALLATION SUR PORTES DE GARAGE A CONTREPOIDS

Pour la motorisation de portes de garages à contrepoids ou basculantes débordantes il faut installer le bras adaptateur ARC (achetable en option)

Dans ce cas, avant d'assembler le rail, vous devez :

- enlevez le chariot du rail
- dévissez la part supérieure du chariot et ouvrez-le
- remplacez le bras droit d'entraînement par le bras à « boomerang » fourni avec l'adaptateur ARC
- refermez le chariot et revissez-le
- remettez le chariot dans le rail et continuez la procédure d'installation

Pour la fixation du bras adaptateur à la porte, veuillez voir la notice de l'ARC.

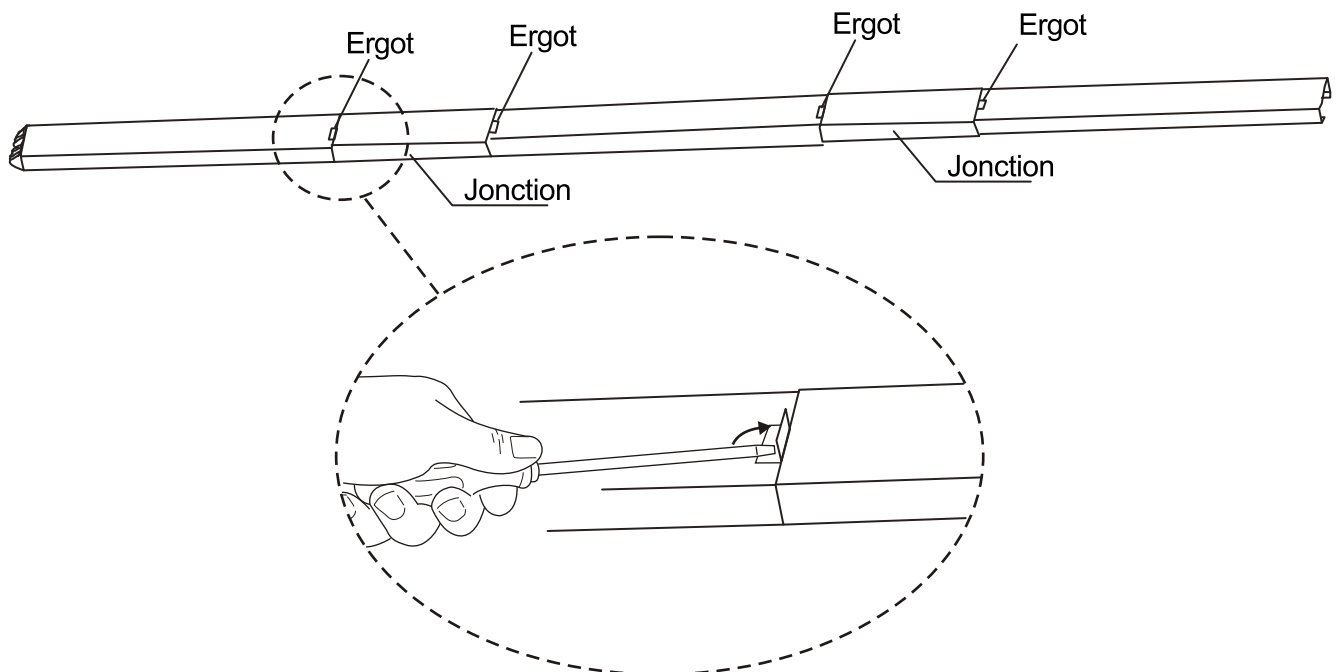
C. ASSEMBLAGE DU RAIL

- 1) Déballez le coli du rail

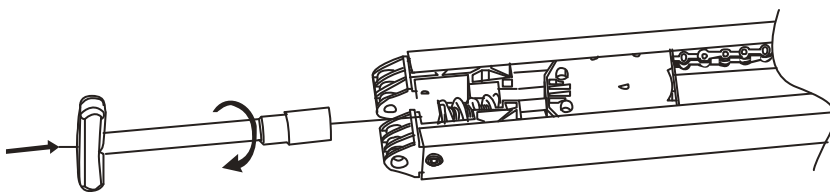


- 2) Dépliez le rail au sol et mettez les éléments bout à bout

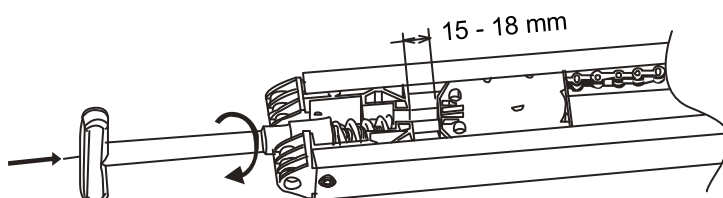
- 3) Insérez les jonctions et laissez les deux ergots a vue



- 4) Vissez l'écrou avec une clé Ø13



- 5) Réglez la distance comme indiqué



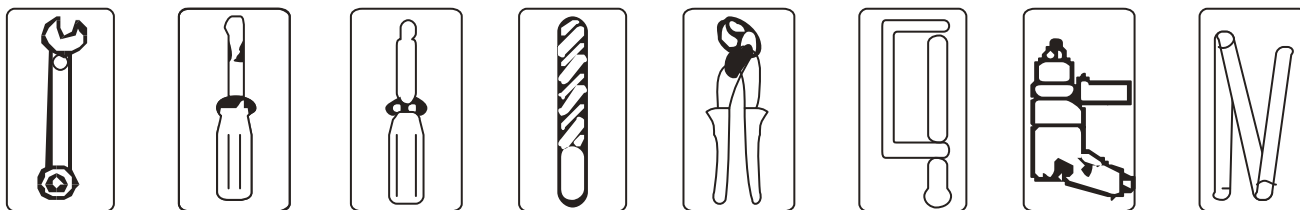
D. MONTAGE ET FIXATION DU MOTEUR



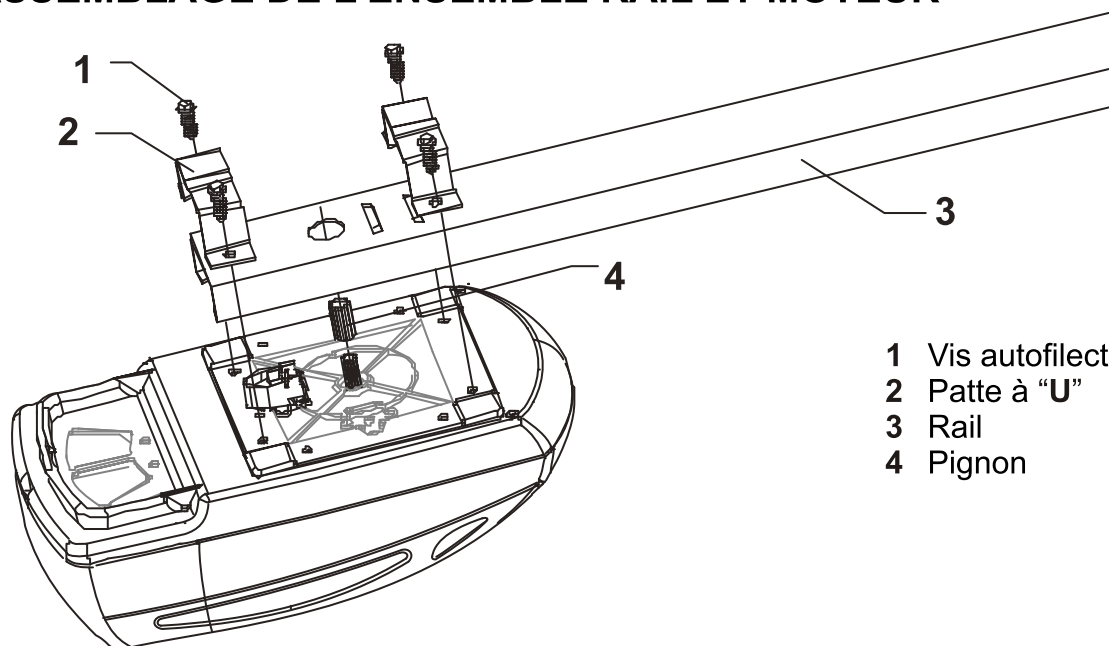
ATTENTION: SUIVEZ SOIGNEUSEMENT LES INSTRUCTIONS DE MONTAGE.
UNE INSTALLATION DÉFECTUEUSE PEUT CAUSER DES LÉSIONS SÉRIEUSES!

- Avant de démarrer l'installation, enlevez tout emballage et désactivez tout accessoire inutilisé;
- Assurez-vous que la porte peut être aisément ouverte et fermée manuellement et vérifiez la bonne condition et le correct équilibre des mécanismes;
- Fixez la motorisation en manière que la corde pour le déverrouillage de secours peut arriver à une hauteur inférieure à 1,8m du sol;
- Installez les commandes fixes de la motorisation à l'intérieur de la visuelle de la porte mais suffisamment loin des parties en mouvement et à une hauteur minimum de 1,5m du sol;
- Appliquez en position bien visible ou en proximité des commandes fixes une plaquette qu'indique le risque d'écrasement;
- Signalez clairement la corde pour le déverrouillage de secours;
- Avant de mettre en service l'automatisme, assurez vous que le mécanisme soit bien réglé et que la motorisation inverse la manœuvre quand la porte rencontre un objet de 40cm de hauteur posé au sol;
- Vérifiez que le mouvement de la porte n'obstrue pas la rue ou les trottoirs publics;
- Assurez-vous que la motorisation prévient ou bloque le mouvement d'ouverture quand la porte est chargée d'un poids de 20Kg. fixé au centre du bord inférieur de la porte.

OUTILS NÉCESSAIRES

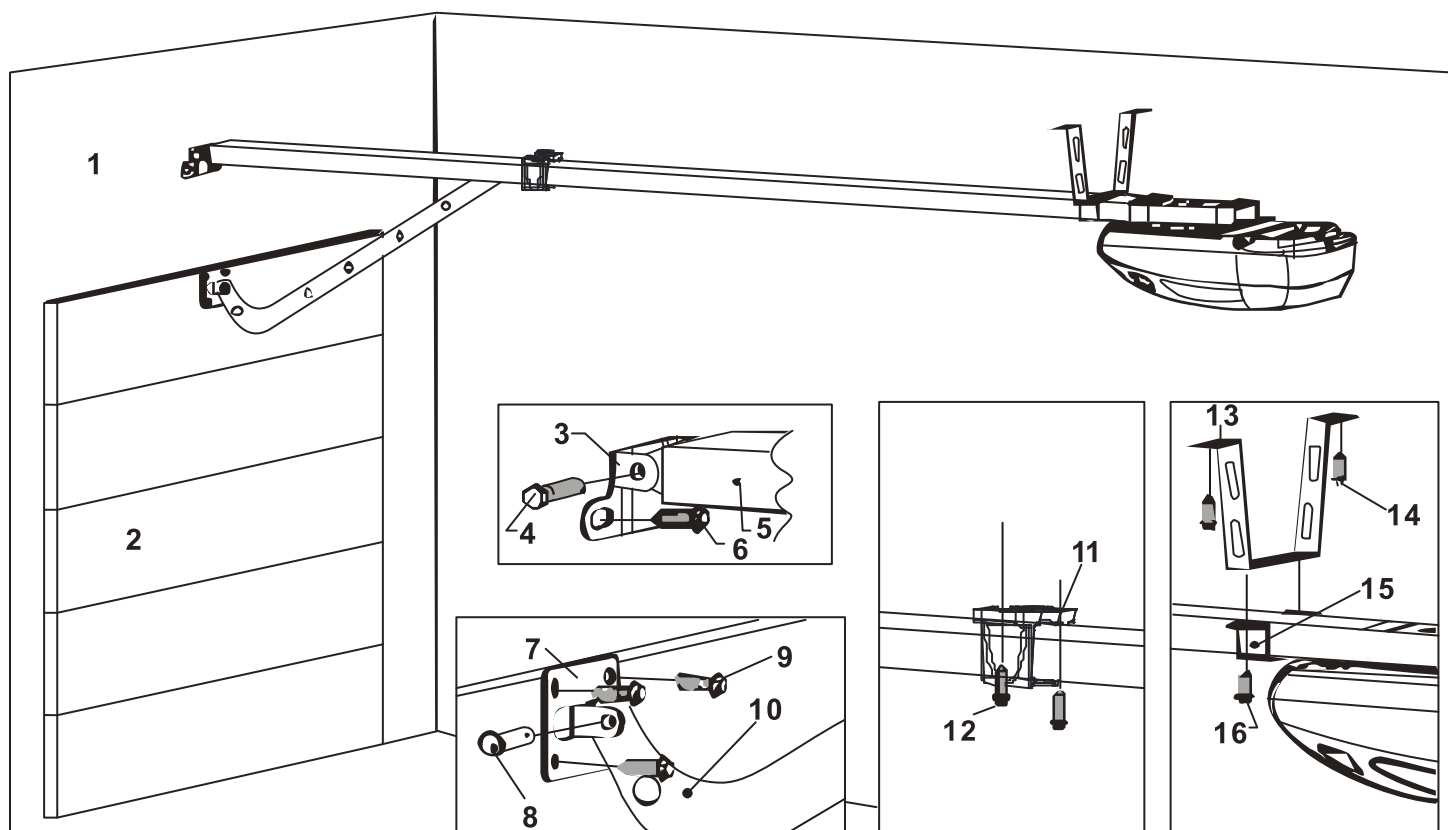


D1. ASSEMBLAGE DE L'ENSEMBLE RAIL ET MOTEUR



- 1 Vis autofileteuses 6x15
- 2 Patte à "U"
- 3 Rail
- 4 Pignon

D2. FIXATION DE LA MOTORISATION

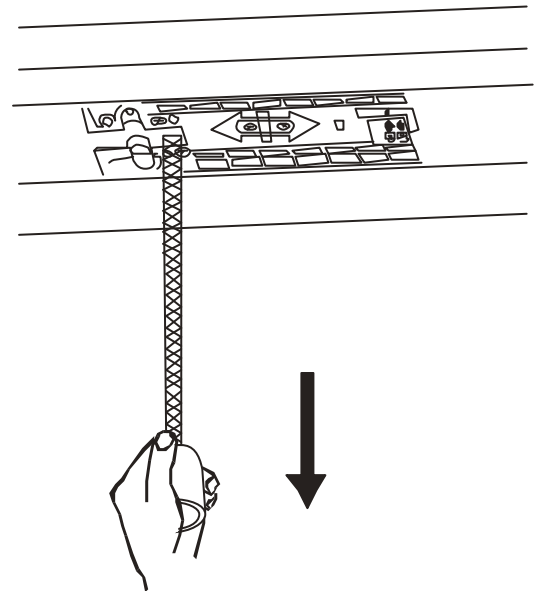
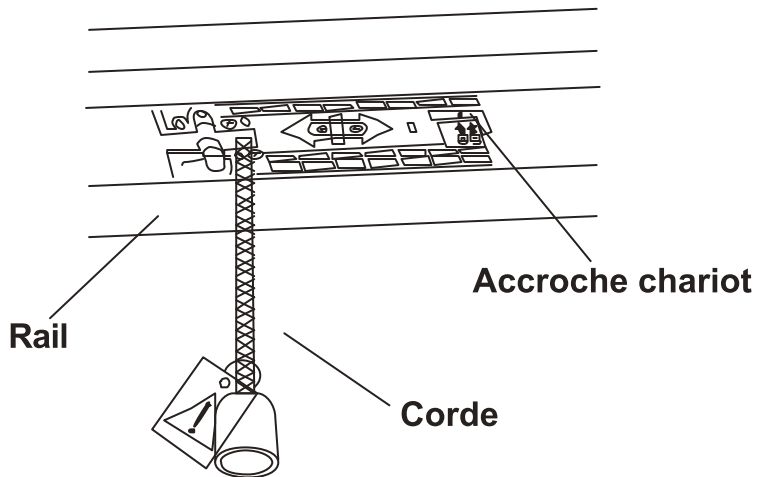


- 1 Linteau
- 2 Porte
- 3 Patte de fixation au linteau
- 4 Vis 6x80
- 5 Rail
- 6 Vis tamponnée
- 7 Patte de fixation à la port
- 8 Cheville 8x25
- 9 Vis autofileteuse 6x15
- 10 Bras courbe pour porte
- 11 Étrier de support
- 12 Vis 8x20
- 13 Patte de soutien motorisation
- 14 Vis tamponnée
- 15 Patte à "U"
- 16 Vis 8x20

D3. DÉVERROUILLAGE DE SECOURS

EN CASE DE COUPURE DE COURANT

- 1 Si la porte est **OUVERTE**:
Tirez la corde pour déverrouiller le chariot et pouvoir aisément soulever la porte
- 2 Si la porte est **FERMÉE**:
Tirez la corde encore une fois pour fermer manuellement la porte.



AU RETABLISSEMENT DE LA COURANT

Donnez une commande de start à la motorisation par la télécommande ou par un dispositif de commande fixe: le chariot se raccrochera automatiquement.

E. PROGRAMMATION

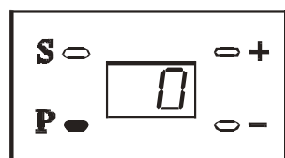
PROCÉDURE PRELIMINAIRE

- Embrayez le chariot et positionnez délicatement la porte en fermeture à la main.
- Alimentez l'automatisme, la lumière s'allume et la carte de gestion émet un "Beep", sur l'écran doit apparaître un "0".

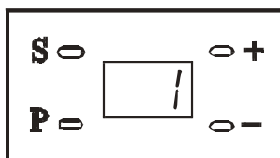


S'il n'y a pas de modification ou si aucun ordre n'est donné par la télécommande pendant deux minutes, les réglages en cours s'effectueront automatiquement, le système reviendra sur les paramètres usine. Pour retourner aux réglages d'usine, en cas de fausse programmation, coupez et puis alimentez de nouveau la motorisation.

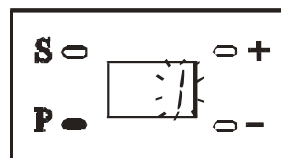
E1. RÉGLAGE DU FIN DE COURSE EN OUVERTURE



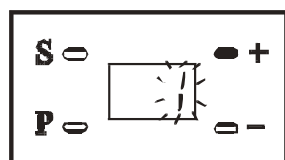
Tenir enfoncé le bouton "P" (pendant 8 secs)



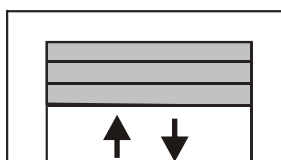
La centrale émet un "beep" et affiche "1"



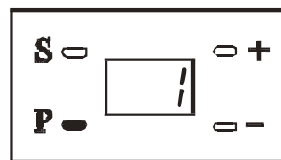
Pressez le bouton "P", la chiffre "1" clignote



Tenir le bouton "+" enfoncé



Amenez la porte jusqu'à la position d'**ouverture** idéale.

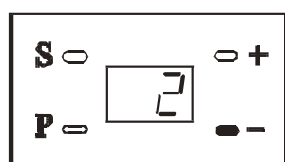


Pressez le bouton "P" pour sauvegarder le réglage.

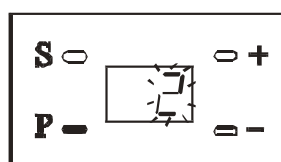


Le réglage du fin de cours d'ouverture doit toujours être fait avant le réglage du fin de course de fermeture, sinon les informations sauvées seront perdues.

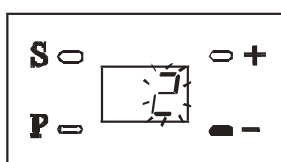
E2. RÉGLAGE DU FIN DE COURSE EN FERMETURE



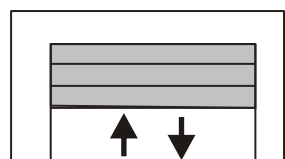
Pressez le bouton "-" jusqu'à quand l'écran affiche "2"



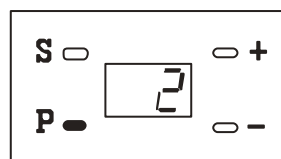
Pressez le bouton "P", le chiffre "2" clignote



Tenir le bouton "-" enfoncé



Amenez la porte en position **fermée**.

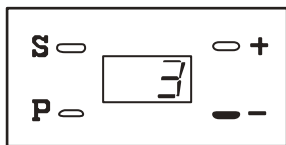


Pressez le bouton "P" pour sauvegarder le réglage

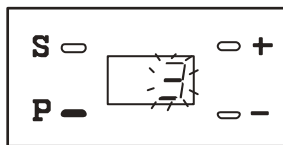


Les informations sauvées n'ont aucun effet si cette procédure est suivie du réglage du fin de course en ouverture.

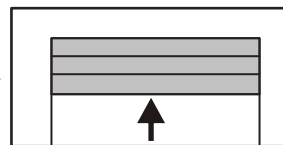
E3. RÉGLAGE DE LA FORCE MOTEUR



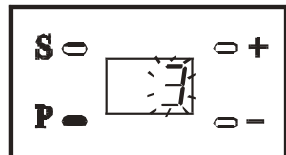
Pressez le bouton “-”,
l'écran affiche “3”



Pressez le bouton “P”,
la chiffre “3” clignote

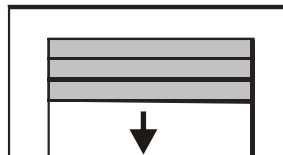


La porte s'ouvre
automatiquement

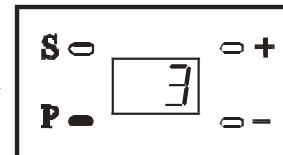


Pressez “P” après l'arrêt
complet de la porte.

Pressez de nouveau sur “P”



La porte se ferme



Pressez “P” pour
sauvegarder le réglage



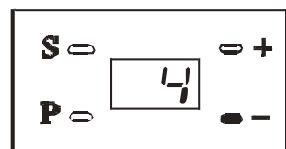
Quand l'entier cycle de manœuvre est terminé vous pouvez presser “+” pour sélectionner le menu “1” et ensuite presser “P” jusqu'à l'apparaître de la chiffre “0”. Maintenant la programmation base est complète.

E4. PROGRAMMATION DES PHOTOCELLES

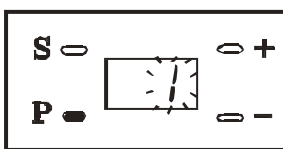
Le fonctionnement est normalement inactif par réglages d'usine.

Si vous n'êtes pas intéressés à installer les photocellules, vous pouvez ignorer cette procédure

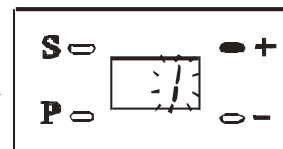
Pressez de nouveau “-” pour accéder au menu suivant.



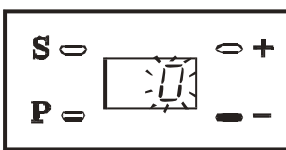
Pressez “-”
jusqu' à “4”



Pressez “P”,
“4” clignote

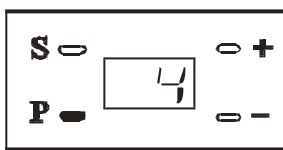


Pressez “+” pour
activer la fonction
Photocellules, la centrale
émet un “beep”



Pressez “-”, pour
désactiver la fonction
Photocellules.

La centrale émet un
double “beep”

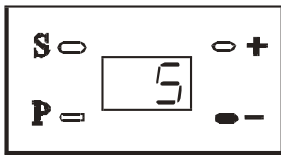


Pressez “P” pour
sauvegarder le réglage

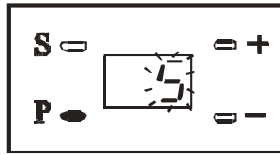
E5. TEST DES PHOTOCELLES

N.B.: Ne effectuez pas ce test, si les photocellules ne sont pas installées.
 Pressez de nouveau "-" pour passer au menu suivant

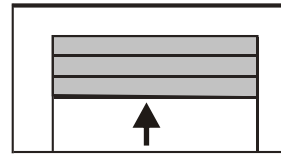
Vous pouvez utiliser ce test pour vérifier le fonctionnement des photocellules sans sortir de la programmation



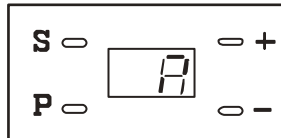
Pressez "-", l'écran affiche "5"



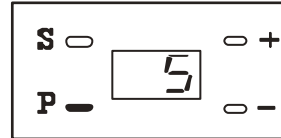
Pressez "P", "5" clignote



La porte s'ouvre automatiquement



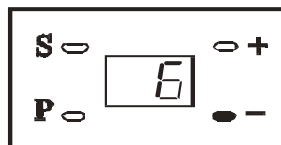
Coupez le rayon des photocellules.
 Si l'écran affiche "A"
 les branchements sont correctes.
 Si l'écran n'affiche pas "A" il faut vérifier ou rétablir les branchements



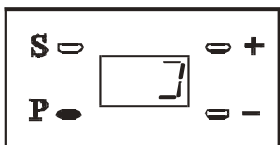
Pressez "P" pour sauvegarder le réglage

E6. RÉGLAGE DE LA SENSIBILITÉ OBSTACLE

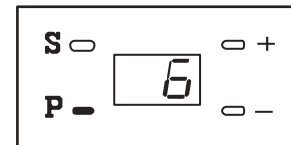
Le niveau de force est pré-réglé sur 3, vous ne devez intervenir sur ce paramètre que si cela est vraiment nécessaire.



Pressez "-" jusqu'à "6"



Pressez "P", il apparaît "3"
 Pressez "+" pour parcourir le menu indiqué ci-dessus et pressez "-" pour sélectionner le niveau souhaité.



Pressez "P" pour sauvegarder le réglage

Réglage du plus fort au plus faible.



Réglage d'usine

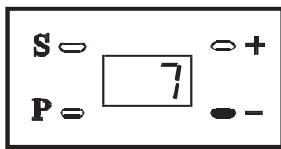


Un réglage de force trop faible peut empêcher le correct fonctionnement de la motorisation. (Ex : la porte inverse son mouvement)

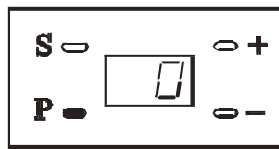
F

E7. RÉGLAGE DU SIGNAL D'ALARME DE PORTE OUVERTE

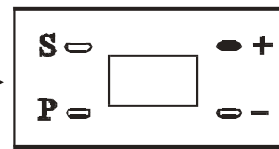
Désactivé d'usine: "OFF".



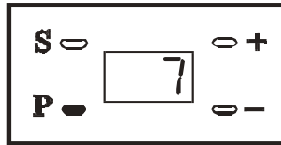
Pressez "-" jusqu'à "7"



Pressez "P"



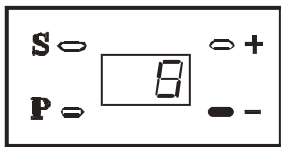
Pressez "+" pour activer la fonction
Pressez "-" pour désactiver la fonction



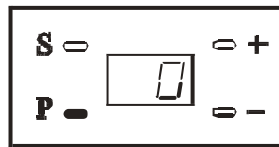
Pressez "P" pour
sauvegarder le réglage

E8. RÉGLAGE DE FERMETURE AUTOMATIQUE

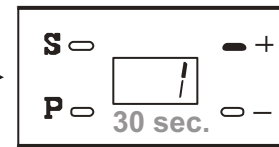
Cette fonction est désactivée d'usine.



Pressez "-" jusqu'à "8"

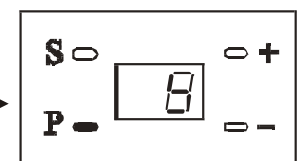
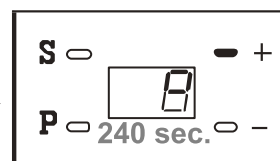
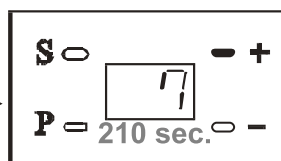
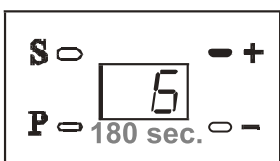
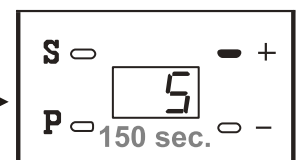
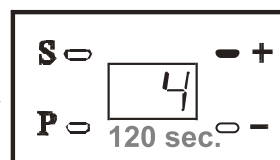
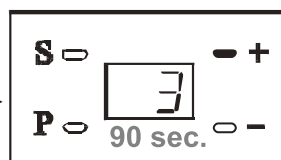
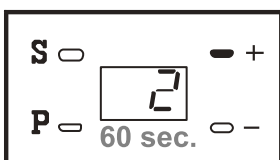


Pressez "P",
jusqu'à "0" pour activer
la fermeture automatique



Pressez "+", le chiffre "1"
apparaît pour régler le
temps de pause à 30 seconds

Pressez "+" ou "-" pour ajuster le temps de pause souhaité avant la fermeture automatique, selon la correspondance ci-dessous, 8 correspond à 240 seconds (maximum temps de pause possible), 7 correspond à 210 seconds, etc.

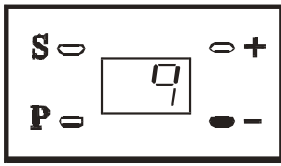


Pressez "P" pour
sauvegarder
le réglage

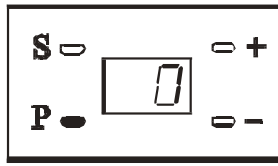
E9. RÉGLAGE DU SIGNAL DE RAPPEL DE MAINTENANCE

Cette fonction est désactivée d'usine.

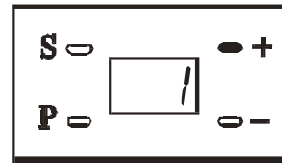
Pour programmer un signal d'alarme quand la motorisation atteint les 2000 cycles, suivez la procédure suivante



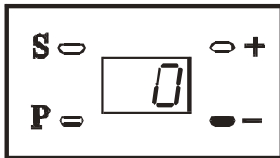
Pressez "-", pour faire apparaître "9"



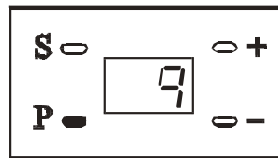
Pressez "P", l'écran affiche "0" pour signaler que la fonction est désactivée



Pressez "+", l'écran affiche "1", pour activer la fonction



Pressez "-", l'écran affiche "0", pour désactiver la fonction



Pressez "P" pour sauvegarder le réglage

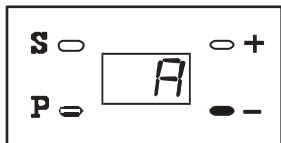


ATTENTION

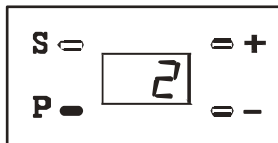
Pour désactiver l'alarme, coupez l'alimentation et réactiver de nouveau.

E10. SELECTION DE LA TELECOMMANDE

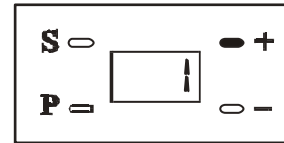
Sélectionner le modèle de télécommande utilisée par la procédure suivante:



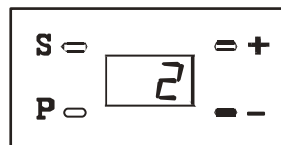
Pressez "-" pour faire apparaître "A"



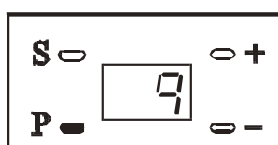
Pressez "P", l'écran affiche "2" pour signaler que la télécommande à dip-switches est sélectionnée



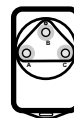
Pressez "+", l'écran affiche "1" pour sélectionner la télécommande à codes random



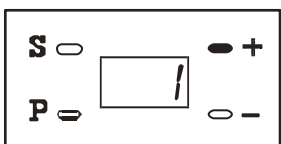
Pressez "-", l'écran affiche "2" pour retourner à la télécommande avec dip-switches



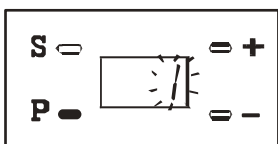
Pressez "P" pour sauvegarder la sélection



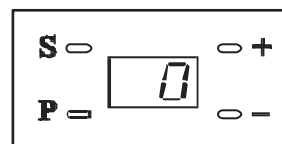
E11. SORTIE DU MENU ET SAUVEGARDE DES RÉGLAGES



Pressez "+" jusqu'au chiffre "1"



Tenir le bouton "P" enfoncé pendant 8 secs.



Le chiffre "0" apparaît pour indiquer que la sauvegarde a bien été effectuée

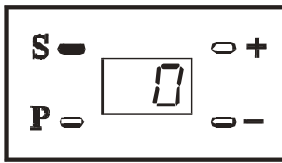
Si vous n'effectuez pas cette procédure, tous les réglages seront perdus.



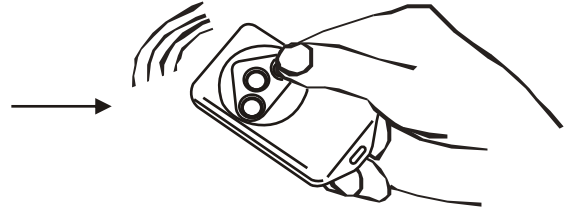
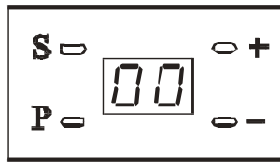
ATTENTION

F. TÉLÉCOMMANDES RADIO

F1. APPRENTISAGE DES CODES RADIO



Tenez le bouton "S" enfoncé jusqu'à l'apparaître du chiffre "0" sur la gauche de l'écran.

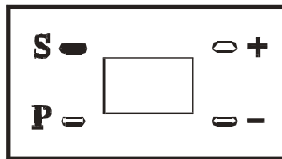


Pressez un bouton de la télécommande radio deux fois avant que le "0" disparaît de l'écran

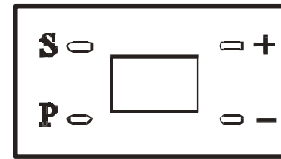
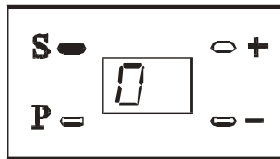


La centrale a maintenant mémorisé le code de la télécommande radio. Si la motorisation fonctionne correctement à la pression du bouton, vous pouvez bien mémoriser autres télécommandes avec la même procédure.

F2. EFFACEMENT DES CODES RADIO



Tenir enfoncé "S" jusqu'à l'apparaître de "0" sur la gauche de l'écran.



Maintenir enfoncé "S" jusqu'à quand "0" disparaît

Maintenant toutes les télécommandes précédemment mémorisées sont effacés.



N.B.: Pour raisons de sécurité il faut effacer tous les codes des télécommandes mémorisées, si un de celles-ci vient accidentellement perdu.

SCHÉMA DE BRANCHEMENTS ÉLECTRIQUES

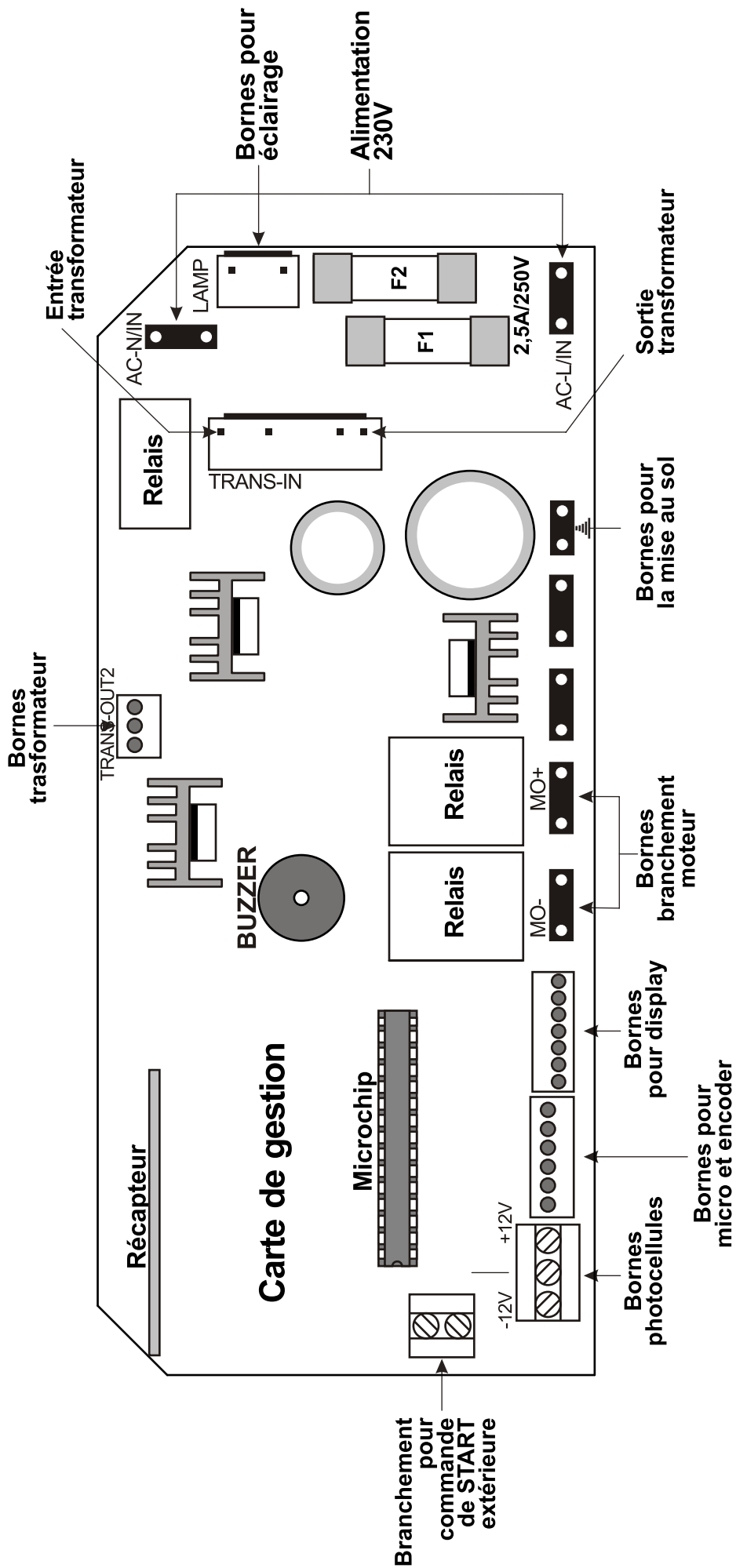
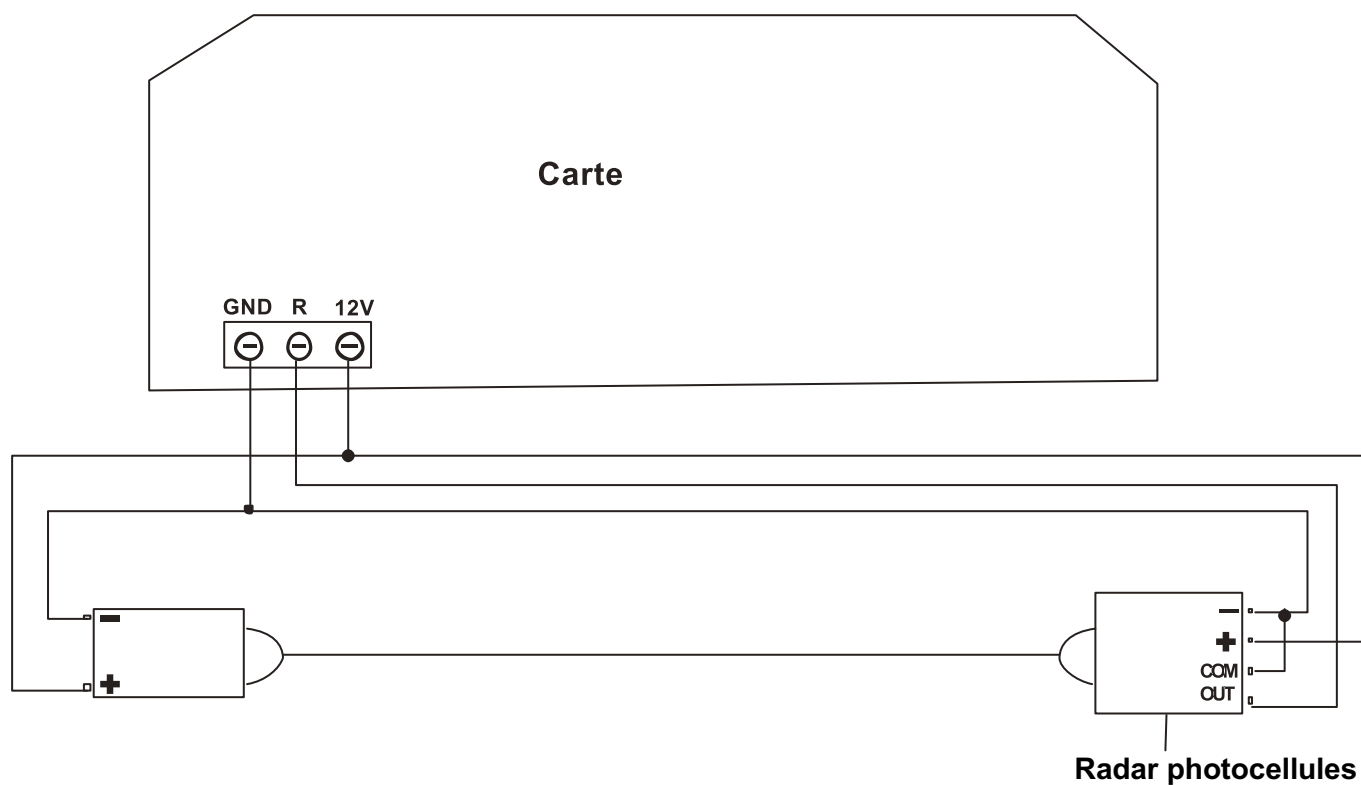


SCHÉMA DE CÂBLAGE DES PHOTOCELLES

(Accessoires optionnels)

Effectuer le câblage selon le schéma suivant



ATTENTION :

L'interruption du rayon des photocellules pendant la fermeture, cause le blocage immédiate du mouvement. Ça n'a aucun effet pendant la manœuvre d'ouverture.

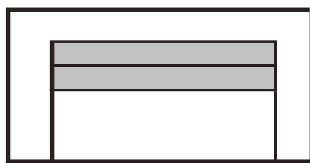
MANUEL D'UTILISATION

MAINTENANCE DE L'AUTOMATISATION

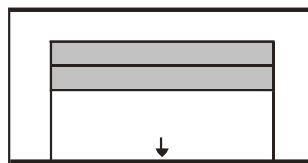
- Les kits de motorisation pour portes de garages **LIBRA** e **LIBRA PLUS** ont peu d'impact sur l'environnement et demandent le minimum d'entretien pour une utilisation normale.
- Avant d'utiliser l'automatisme, vérifiez que le chariot coulisse facilement dans le rail. (S'il y a des points durs, il faut rectifier l'alignement du rail par rapport à la porte de garage).
- Contrôlez périodiquement le bon fonctionnement de la porte (ouverture-fermeture). Les ressorts de la porte doivent avoir une poussée suffisante pour soulever la porte. Graissez régulièrement si nécessaire les engrenages mécaniques.

MANŒUVRE D'URGENCE

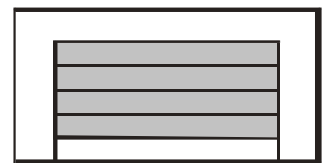
En cas de coupure de courant le système se comporte de la façon suivante:



Lors de la coupure de courant, la porte se bloque.



Lors de la remise sous tension, donnez une impulsion sur la télécommande. La porte se ferme.



Le système utilisera les réglages effectués lors de son installation

En cas de coupure de courant, l'ouverture ou la fermeture de la porte peuvent s'effectuer manuellement après le désengagement du chariot (page 5).

ANOMALIES

| Anomalie | Cause | Solution |
|--|---|--|
| L'automatisme ne fonctionne pas | <ul style="list-style-type: none"> Pas d'alimentation Fusible grillé | Vérifiez que le système soit bien branché ou demandez à un professionnel de remplacer le fusible défectueux |
| La porte ne bouge pas | <ul style="list-style-type: none"> Pas de code mémorisé Pile de la télécommande à plat | <ul style="list-style-type: none"> Mémorisez le code Remplacez la pile par le même modèle |
| La portée des émetteurs est trop faible | La pile est faible | Remplacez la pile par le même modèle |
| Le moteur tourne mais la porte de garage ne bouge pas | Le verrouillage du chariot n'est pas effectué | Verrouillez le chariot (page 5) |
| L'alarme sonne en permanence | <ul style="list-style-type: none"> La porte est restée ouverte trop longtemps Le système a effectué 2000 cycles | <ul style="list-style-type: none"> Fermez la porte Couper l'alimentation et la rétablir de nouveau |
| La porte n'ouvre pas ou ne se ferme pas correctement | Mauvaise programmation | Refaire les réglages. |
| La porte ne fonctionne pas correctement et l'écran affiche un "H" | Problème d'humidité | Débranchez et séchez la carte (par un professionnel) |
| La porte se bloque tout à coup et fonctionne par saccades. L'écran affiche "F" | <ul style="list-style-type: none"> La porte a rencontré un obstacle La tension d'alimentation n'est pas constante Le ressort de traction est tordu | <ul style="list-style-type: none"> Revoir le réglage de la sensibilité obstacle Appeler un professionnel |
| Le système émet un bruit strident pendant la manœuvre | Il y a un frottement importante entre le chariot et le guide | Graissez la chaîne, le rail et le chariot |
| La chaîne fait du bruit ou se bouge lentement | La chaîne n'est plus tendue ou pas assez tendue à cause d'une utilisation avec mauvais entretien (graissage) | Resserrez le boulon en bout de rail qui permet de tendre la chaîne |



Risque d'électrocution, seul un professionnel peut intervenir sur la carte



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