

FEATURES

Your Automatic Rolling Door Opener has many features which you will appreciate. The components and Materials used in this control board are of the latest Technology and highest Quality. Below are listed some of the features.

OPERATION
To operate the door simply press the hand held transmitter or the wall mounted switch for two seconds and the door will automatically open or close. The door can be stopped during on opening or closing cycle by pressing the wall switch or handheld transmitter. The next actuation will move the door in the opposite direction.

SAFETY OBSTRUCTION REVERSE
While the door is doing a closing cycle and it should hit an obstacle or be restricted in some manner, it will automatically reverse. The amount of force the door should encounter before reversing is adjustable. The door also if restricted whilst opening will stop. The Safety Obstruction Forces should be checked at least once a month.

AUTO CLOSE MODE
The Opener can be programmed to automatically close approximately thirty seconds after the door has opened. A Photoelectric Beam must be installed if this mode is selected.

AUTOMATIC COURTESY LIGHT
The Courtesy Light on the Opener comes on automatically whenever the door is activated to do an opening or closing cycle. The light will stay on for approximately three minutes then turns off automatically. The Light can also be switched on and off without operating the door. This is done by pressing the Light button on the Wall Switch or the hand held transmitter.

AUTO RUN TIME
If the Motor is left running in the Opener for any reason the Auto Run Time will turn the motor off after thirty seconds.

SECURITY CODE STORE
The Opener uses state of the Microchip technology in storing your Rolling Code.

PHOTO ELECTRIC BEAM (Optional)
The Opener has an input for a Photo Electric Beam to be connected for extra safety protection.

The Light turns off after three minutes.

INSTALLATION and OPERATION

The Door-hinge is Required:
The diameter that usually requires the door-hinge is 60 mm. If need to order special-purpose in the cushion enclosure of the detailed axle when the diameter is 40 mm. (select the fittings)

1. Body of Inspection Door

Need to check the opening the door machine carefully before beginning to install the door body, must guarantee the balance of the door body at the time of installation, door body can slip smoothly in guide in this way, and in higher than ground can stop between the 90cm-120cm. Guarantee door rise or strength that drop greater than 20Kg. The strength of guaranteeing the door and rising or dropping is not greater than 20Kg. To that how to adjust the strength of the spring can consult the installation manual that the producer offered. Meanwhile, the support in the both sides of careful body of inspection door and "U" screw lock door-hinges, such as Fig. 1.

2. The Opening the Door Machine is installed to Prove

Installation of the opening the door machine:
Look in the face of reel, control box and from shut box install at the right side wall on the door, qualify for the next round of competitions hole urge the right side of the electrical machinery, such as Fig. 2.

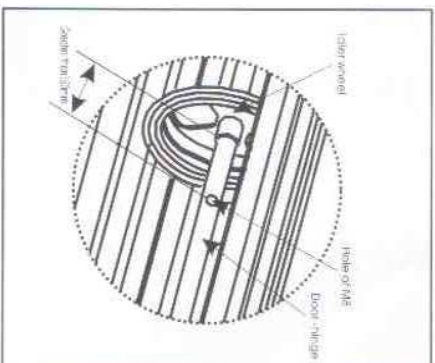
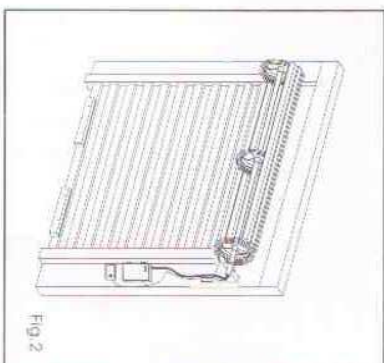
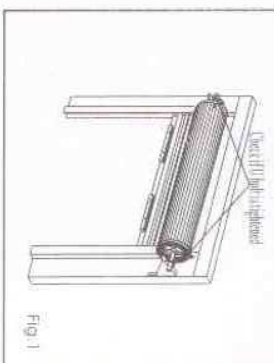
3. Install the Opening the Door Machine

Warn: Forcade children around the door at the time of installation, if did not hear to warn from then on, may cause the serious injuring or property loss of human body.

3.1 Totally Closes the Door:

3.2 Get into in Position on the Right Under Doorhinge

according to gyro wheel of the middle from greater than with flashlight 150mm play hole of MB, its it wear to play axle to demand, hole this use for regular to support one, such as Fig. 3:



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3.3 Door directly over hole this play one hole (is it play in door body at the concave part that enter to demand) of M8 at the body, connect this hole with door body the centre bore aline of one; Consult door body join

piece, play other two fixedly connect hole soon at door plant separately, such as Fig. 4;

3.4 At door-hinge, bore a hole from first position, on the right of 150mm play the second hole, this hole don't be typed and worn, this hole is used for piercing through before shutting the line, such as Fig. 5;

3.5 Playa M10 hole from second hole right position of 60mm at door-hinge with same method, hole this don't type and pierce through either, this hole is used for wearing and driving the electrical machinery line, such as Fig. 5;

3.6 Get person who open the door out on packing box, one that is with 6mm six spanner is it fix other two screw of M8X25 of gear wheel to U clamp inside, take down the other gear wheel of two semicircles;

3.7 One that is with 6mm six spanners it is it support screw of M8X1.00 of to fix to U clamp inside, regular flat divide into two parts;

3.8 Have a part of electrical machinery place inboard of door-hinge on regular seat, make inside screw hole and first of doorhinge wear empty interior hole aline, such as Fig. 6;

Notice: There are surfaces of the electrical machinery to move towards on the right in the base.

3.9 Is it put regular seat in place a part of switch put in outside door-hinge, make screw and first of door-hinge is it wear empty other hole aline to take a taxi to have, use the tight screw on six mao spanner, such as Fig. 6;

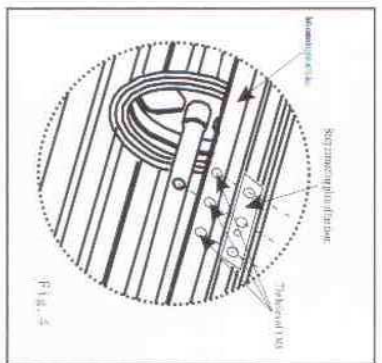


Fig. 4

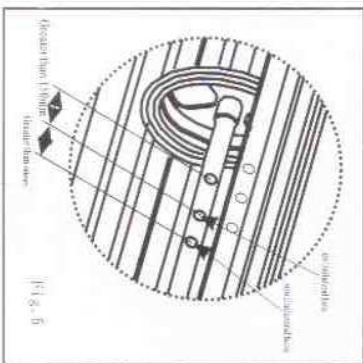


Fig. 5

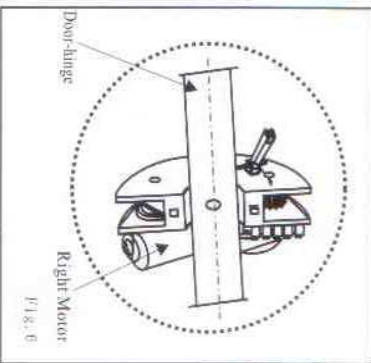


Fig. 6

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3.10 The other gear wheel of two semicircles is loaded onto again, paid a screw urgent outside first, then from shut arm push to base to the side of the left deviation, another hand rotates the other gear wheel until another screw hole emerges right with hand, unclamp from shut arm, regular urgent another screw, such as Fig. 7;

3.11 The same method, rotate the other gear wheel with hands, until the other gear wheel carries the Taxi screw hole and hole aline on the body of door, fix the connecting plate and door body on other gear wheel door hole and hole aline, door of body,

body of connecting plate with the screw of M8X15 first, and then fix the retainer plate and door body together with two screws and nuts left, such as Fig. 8;

3.12 From shut steel wire of line from from shut line pipe pull out, make steel wire have regular one of those's end of post from from shut pivot between Center bore and Right deviation, arm of underpart, put regular hole, clutch of arm into regular post, from shut line pipe suit again at steel wire, left end inject hole of pivot most pipe at the same time, and Then from shut line inject M8 ol on the right of the hole, promote from shut with hand line until right end emerge most in door-hinge, pull out it all before shutting the line, such as Fig. 9.

3.13 Large electrical machinery line connect on supporting of wiring end son of right side according to graphic presentation, inject another end M10 of on the right among the hole, promote line until right end emerge most in door-hinge with hand, pull out and all leave the line, such as Fig. 9.

3.14 From shut line and line regular and good guiding to from equal to the box and top management box office respectively electrical machinery have; Turn on from shut box with key from shut steel wire of line fix on handle, make the handle rotate 180 degrees; can answer on the manual switch door at this moment, unclamp handles, the steel wire goes back to contract, can't use the hand switch door, if incorrect, should revitalizer regular length of steel wire, until from shut handle can be used normally, such as Fig. 9.

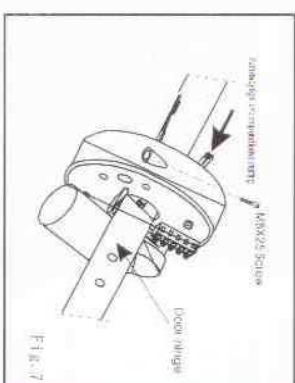


Fig. 7

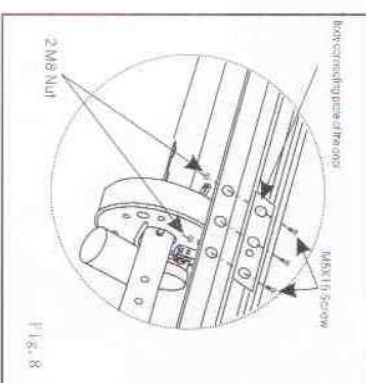


Fig. 8

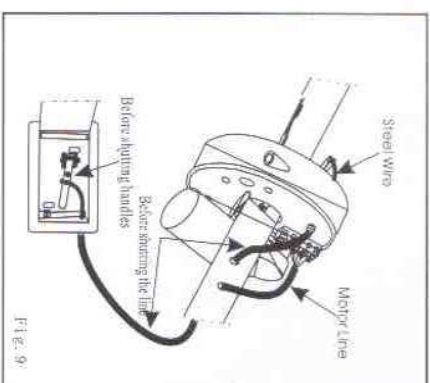


Fig. 9

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3. 15 Urge electrical machinery line receive wiring end son of main controller have, notice not answering by mistake, such as Fig. 10.

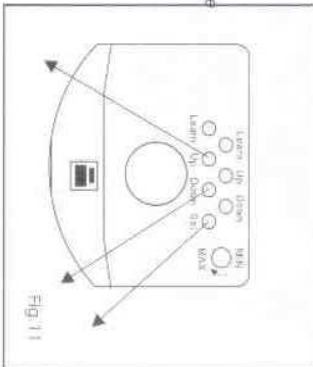
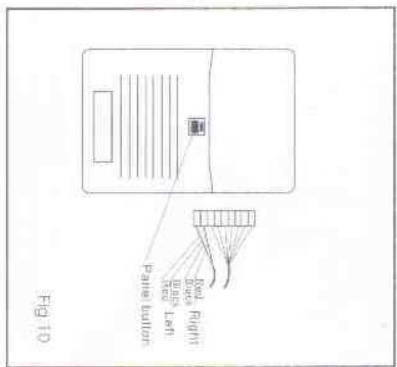
4. Set Up and down limit (See Fig. 11)

4. 1 Connect to power first, press Set button and hold 30 seconds. Red Down LED light on, enter the stage of setting down limit, press Down button and hold, the door start to close. (If the door do not move then pull the release handle to enable the motor. If the door start to open, then switch the position of the red and black cable of motor following Fig 2). When the door hits the ground, release the Down button (if the position is not right, then you can adjust by Up and Down button). Press Set button. Red Down LED light flashing 6 times. Then the green Up LED light on, then enter the stage of setting up limit.

4. 2 Press Up button and hold, then the door start to open, when the door totally opened, release the button (if the position is not right, you can adjust by Up and Down button). After that Press Set button.

4. 3 After press Set button the door start to close, and it will stop when the door totally closed, at the same time the Red Down LED flashing 6 times, it indicates that setting the up and down limit is succeeded.

NOTE: when the door totally opened, then you press the Set button, if the door no action, the globes flashing 6 times, it means the distance between up and down limit is over 1 to 3 meters. The up and down limit needs to be reseted.



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5. Establish the strength of rebounding

5. 1 Put put a wood cube below the door, then close the door, the door must be start opening when it hits the wood cube, if not, then turn the knob anti-clockwise to reduce the rebound force, until the door opening immediately when it hits the wood cube. (Fig 12)

5. 2 After that, remove the wood cube and open and close the door several times.

Remark: if the door start opening when it not totally closed it indicates that the closing force is not big enough, you should turn the knob clockwise to enlarge the rebound force, then check again following 5. 1-5.2.

6 How to learn a remote (Fig 13)

6. 1 Press the Learn button, red Learn LED lighting, press button of remote (the button which you want to used for control the door) twice, red Learn LED flashing 8 times then finish learning, then press the button of this remote to check if it can control the door.

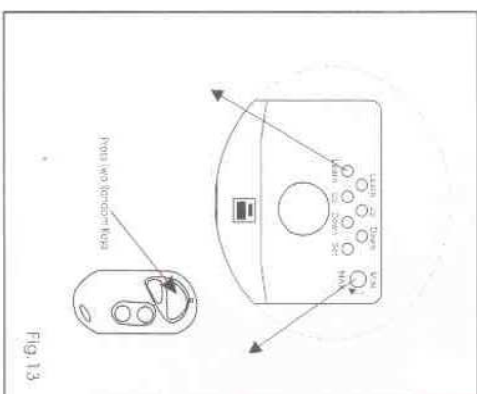
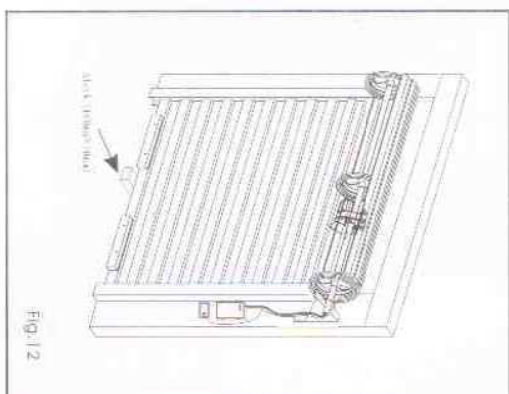
6. 2 learn other remote by same way.

Remark: the system only accept 20pcs remote, after it accept 20pcs remote if you press learn button Red Learn LED only flashing 1 time, then back to normal stage. if you want to add remote besides the 20pcs, you must delete all the 20pcs remotes following step 5.

7 How to delete the remote (See Fig 13)

7. 1 Press and hold the learn button for 8 seconds, Red Learn LED flashing 1 time, then release the button, all the remote learned before was deleted.

NOTE: if the remote(already learned) lost, you must deleted all the remote and learn the remote again.



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8. Install the wall-switch(Optional)

Please install it following Fig 15(Given by your supplier).

9. Install the photo-beam(Optional)

Please install Photo-beam following Figs (Given by your supplier).

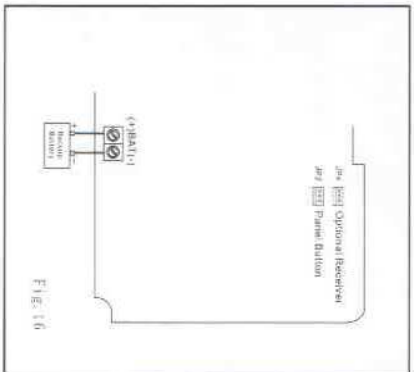
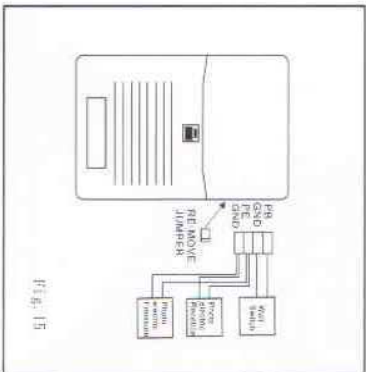
NOTE: before install the photo-beam please re-move the

lumper first following Fig16.

10. Install the backup battery(Optional)

Please install the backup battery following Fig7 (Given by your supplier)

NOTE: Please make sure the wiring is correct, Voltage: DC24Volt



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