

FINDOOR

FINDOOR FOLDING DOOR INSTALLATION MANUAL

Door Installation

Wiring Diagram

Control panel Programming Guide

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Tool list

Manual doors

- Basic power tools (impact, drill, grinder, hammer drill)
- 8mm, 10mm, 13mm socket drives
- Torx T40 bit and Robertson #2 bit
- 13mm, 17mm, 24mm wrenches
- crescent wrench
- basic hand tools (hammer, screwdrivers, pliers etc.)
- 4ft level
- utility knife
- pry bar
- rivet gun and bits for 3mm and 5mm rivets
- drill bits 3mm, 5mm, 7.3mm (if available)
- 6mm hammer drill bit

If installing automatic doors

- wire strippers
- small flat head screwdriver
- long (about 24") drill bit

Part list

Manual doors

- correct amount of panels
- correct amount of locking handle(s) / pipe(s)
- 1 U – bracket per pipe
- 1 or 2 top rail(s) (only 1 for 2 and 3 panel doors)
- correct amount of hinges (check pre-drilled holes on first panel)
- 1 or 2 top guiding plate + roller pin(s) / hangars
- 1 or 2 latch assembly (latch, cable, crimp, black knob, eyelet) or black straps (attached on the panels at factory)
- if using cable latch 1 hook bracket per rail (attached on rail)
- 1 or 2 bottom pin bracket and guiding plate or 1 Y-bracket with pin bolt
- pin locks
 - 1 for 3 panels
 - 1 for 5 panels
 - 4 for 6 – 8 panels
- Fasteners for mounting the door
 - 3" wood screws for wood structure (Torx T40 or equivalent)
 - 13mm bolts for steel structure (or equivalent)
 - 10mm concrete (or equivalent)

Automatic doors

- everything above (except manual locking mechanisms) plus
- 2 openers (ditec or gate openers)
- if ditec openers
 - 2 sliding brackets and arms
 - 2/16 AWG wire
- if gate openers
 - 2 wall brackets
 - 2 door brackets
 - 2 roller arms
 - 3/16 AWG wire

- 1 control panel with operating buttons and 1 remote
- 1 set photo eyes and mounting brackets
 - 2/18 AWG and 4/18AWG wires
- Wire channel or conduit

Installation instructions 2 – 6 panel manual doors



Step 1:

Cut off all of the blue protective film. Run your knife along all of the aluminum edges of the panel and remove the blue protective film. It is important to remove the protective film before installing the panels as it is far harder to remove once the doors are standing.



Step 2:

The top and bottom hinges do not have the lifting hinge (no bearing). Mount the top and bottom hinge. Proceed to mounting the centre lifting hinges. The bearing on the centre hinges should be oriented towards the bottom of the panel. Use 13mm bolts and short self-drilling screws provided to mount all of the hinges. Begin to mount the hinges with the self-drilling screws first.



Step 3:

Secure the top of the pipe with the provided u-bracket and mount it with 8mm bolts and nuts. The locking handle faces the hinge edge of the door. Mount the handle with the provided 13mm bolts. Insert the small spring into the handle and attach on the top or bottom (allows the handle to close automatically).



Step 4:

The top guiding plate is mounted so the holes for the pin line up with the middle of the door. Use the 2x13mm bolts and nuts to the top 2 holes and 2x10mm self-drilling screws to the bottom holes (if bottom holes are drilled through the panel use 8mm carriage bolts and nuts to secure the guiding plate to the panel).



Step 5:

Ensure the dimensions of the door opening are consistent with the door opening on the order confirmation.



Step 6:

If the dimensions are accurate, draw a mark on the wall 35mm (1 3/8") from the door opening. If the dimensions are not accurate, proceed to Step 7. **Always check job order for possible extra overlap.**



Step 7:

If the door opening is wider than the opening on the order confirmation draw a mark close to the door opening. If the door opening is narrower, draw a mark further away from the door opening.

i.e. if opening is 1" narrower, divide that by 2 for equal overlap per side and add it to the starting overlap 1 3/8".

$$(1 \frac{3}{8}'' + \frac{1}{2}'' = 1 \frac{7}{8}'')$$



Step 8:

For doors with an equal number of panels starting side does not matter but doors with odd number of panels (3,5,7) begin to install the door from the side with more panels. Lift the outer door panel (the panel with the aluminum profile that runs along the entire side) and place it on the guide rollers (the guide rollers act as height adjusters). Line up the edge of the aluminum profile with the mark you drew in Step 7. If you do not have the suggested guide rollers insert a shim that is 1 1/2" thick underneath the door to adjust to the desired height.



Step 9:

Install the bottom hinge first. Insert screws through the two oval holes only. Install the top hinge, before screwing check that the door is level (use aluminium edge to check level). Screw through the two oval holes first, if installing wider than 20ft door add



an extra “stopping” screws on the top and bottom oval holes of the top hinge. Now move to the next step. **Do not install the middle hinges at this point as the door might not be in desired adjustment.**

Step 10:

Remove the guide rollers or shim from underneath the door.

Step 11:

Lift the next panel in place (middle panels do not have aluminum running the length of the door). To determine which panel mounts next check the seals (in between the panels should be male and female type of seals and hinges). Once the panel is installed and swinging smoothly, lubricate every hinge in between the panels. Mount the locking pin bracket to the header with the same fasteners as the hinges or place a pry bar or build a wedge underneath the door so that it stays in closed position.



Step 12:

Push all of the panels to the closed position. Measure from the outer edge of the aluminum to the steel edge of the middle panel, add 38mm (1 1/2”) (the thickness of the rubber seal). This measurement will determine where to start the first panel on



the opposite side of the opening. If you are installing a door with odd number of panels, Use the number of panels that is left to install from the first panels that are mounted.

Measurement: X to X(dimension) + 38mm (1 1/2") gives you the mounting location of the panel on the opposite side.

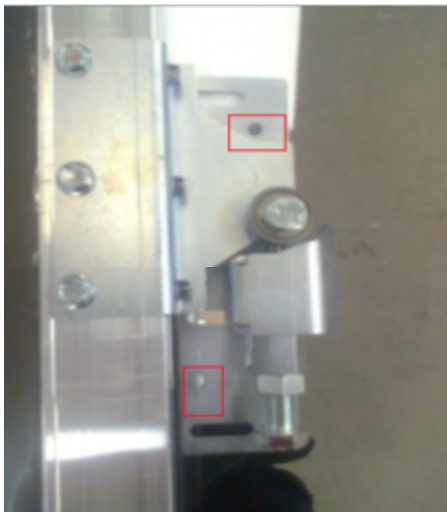


Step 13:

Measure from the same steel edge of the middle panel (Step 12), run a tape measure to the opposite wall. Use the measurement from Step 12 and draw a mark at the appropriate measurement.

Step 14:

Repeat steps 8 - 11 for the opposite side of the door.



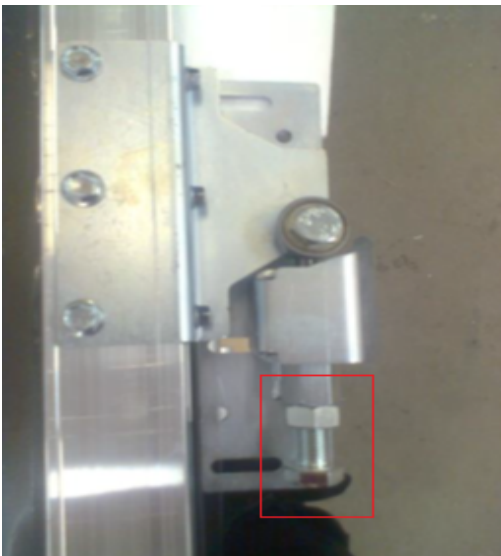
Step 15:

Close both sides of the door, ensure the gap between the two middle panels (steel to steel) is approximately 45mm (1 3/4") and ensure the gap remains the same vertically up the door. Tolerance is 4mm (1/8"). If the gap is correct set both sides top and bottom hinge by screwing a screw to two round holes to ensure the panels don't move horizontally. Then proceed to Step 17.



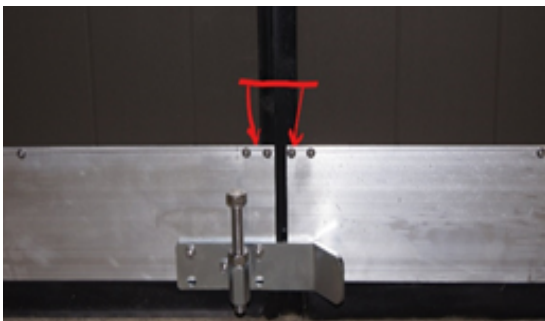
Step 16:

If the gap is not correct (45mm (1 3/4")), adjust either the top or the bottom hinge (or both) according to the measurements of the gap between the middle panels. Loosen the screws on the hinge(s) (oval holes) slightly and adjust the leaning door side so that the gap is 45mm (1 3/4"). When the gap is correct set both sides top and bottom hinge by screwing a screw to two round holes on the hinges to ensure that the panels don't move horizontally.



Step 17:

Push the door to the closed position. When the door is opened and closed, the weather stripping that runs horizontally along the bottom of the door should rub the floor slightly. If the height of the door needs to be adjusted. Loosen the lock nut on the top and bottom hinge and rotate the bolt (up or down to raise or lower the door) (24mm wrench). Once the door is in its correct position (no light visible on the floor level), rotate the lock nut again to lock the hinge.



Step 18:

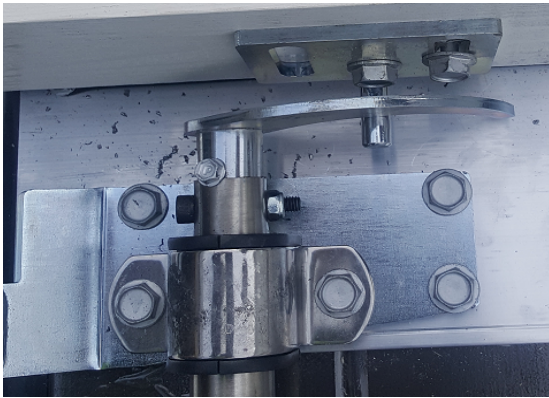
You can ensure the door panels are at the correct height by looking at the aluminum edges on the bottom of the door panels. If the doors are in the correct position, the top edge of the aluminum panels should line up flush.



inswing bracket

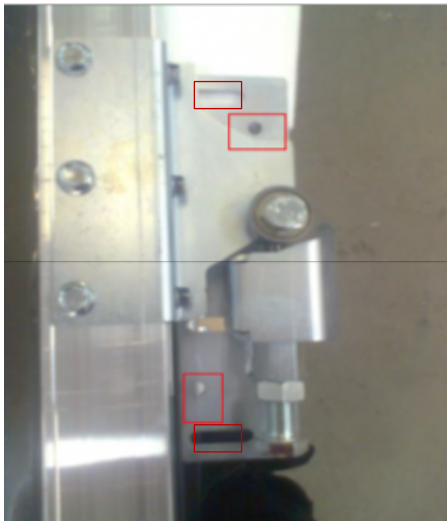
Step 19:

If you haven't mounted the locking pin brackets (see step 11), mount them now. Use same screws/bolts as with hinges. The pin part of the bracket should be at the centre of the hook. It is secured with six screws. There should be a 15mm (0.5") opening between the header and the door panel.



outswing bracket

If pin brackets were mounted in step 11 adjust brackets if needed.



Step 20:

Mount the remaining lifting hinges. There are four screws per hinge. Adjust the ramp on the lifting hinge; the bearing should be tight but still able to rotate. The top and bottom "flat" bearing needs to be tight and not able to turn.

Step 22:

Insert the steering rollers or door hangers. Rollers are used when the door has the lightweight aluminium rails (18' and smaller doors). Door hangers are used when the door has steel loadbearing rails (18' and wider doors)

Step 23:

Install the guiding rail (light duty aluminium rail). Slide the track into the steering roller above the door so that the roller is in the rail about 1/4" from the end. Use same screws/bolts as with hinges to secure the rail to the header. The distance for the rail above the door in the middle is 40mm (1 1/2") and 60mm (2 3/8") on the other end. All the wall "L" brackets need to be loose at this point. Also make sure there is a small gap in between the two rails in the middle

If you have the loadbearing rail (heavy duty steel rail) assemble the rail on the ground before lifting it into position. Start in the middle end of the rail and place the first wall bracket **150mm (6")** from the end. Place the remaining brackets approximately every **800mm (31")**. Plan to have the last two brackets closer together to help support the weight of the door when it is in open position. The last bracket on the jamb end of the rail needs to be **400mm (16")** from the rail end. Use 13mm bolts provided to mount brackets to the rail. The length of the wall "L" brackets should be longer the

more you move towards the jamb end of the rail. Use short carriage bolts and nuts to secure wall brackets. All the "L" brackets need to be loose at this point. Then install the rail assembly the same way as described above with the aluminium rail except lift up the track in the middle so high that the spring on the hangar is tight. Then set the other end of rail 20mm (3/4") higher to make the slope for it.

Step 24:

Now open the door slightly past 90 degree angle and set the last wall bracket by tightening the nut on the short carriage bolt on the "L" bracket. Then close the door all the way and tighten the first bracket in the middle so that there is about 15mm (5/8") between the door panel and the wall. Then tighten the rest of the brackets where they are. Make sure that the track gains distance evenly from the wall going to the outer end of the track.

If installing loadbearing rail after the rail is set, mount the support brackets above the rail brackets about 4" above it and tighten the spring on the hangar so that you see about 1" thread after the locknut. Then place threaded rod in between the two brackets and using the 17mm nuts on the rod pull the track straight. Repeat this to all the brackets on the rail.

Step25:

Repeat step 23 – 24 for the other side.

Step 26:

In the closed position there should be no light visible at the top of the door. If the rubber seals on the top are too long and there is light visible between the panels, cut the ends of the rubber seals to the correct length.

Step 27:

Lubricate all moving parts of the door system (hinges, track, hangers etc.).

Step 28:

When mounting the floor plate ensure the rubber seal on both panels do not rub on the edge of the plate. Turn the open end of the plate out enough that the rubber doesn't touch the plate. Use concrete fasteners to mount the plate on the floor.

Step 29:

Mount all pin locks with 8mm bolts and nuts and 10mm self-drilling screws. Pin locks gets mounted on the bottom of the door. (look for pre-drilled holes). After they are all mounted keep the door closed position and mark the pin lock spot on to the floor and drill a hole to the floor for the pin to be dropped in.

Step 32:

The door installation is complete. Ensure correct operation of the door system. If adjustments need to be made refer to installation guide for reference.

Installation instructions 7 – 8 panel manual doors



Step 1:

Cut off all of the blue protective film. Run your knife along all of the aluminum edges of the panel and remove the blue protective film. It is important to remove the protective film before installing the panels as it is far harder to remove once the doors are standing.



Step 2:

The top and bottom hinges do not have the lifting hinge (no bearing). Mount the top and bottom hinge. Proceed to mounting the centre lifting hinges. The bearing on the centre hinges should be oriented towards the bottom of the panel. Use 13mm bolts and short self-drilling screws provided to mount all of the hinges. Begin to mount the hinges with the 10mm self-drilling screws.



Step 3:

Secure the top of the pipe with the provided u-bracket and mount it with 13mm bolts and nuts. The locking handle faces the hinge edge of the door. Mount the handle with the provided 13mm bolts. Insert the small spring into the handle and attach on the top or bottom (allows the handle to close automatically).



Step 4:

The top guiding plate is mounted so the holes for the pin line up with the middle of the door. Use the 2x13mm bolts and nuts to the top 2 holes and 2x10mm self-drilling screws to the bottom holes (if bottom holes are drilled through the panel use 8mm carriage bolts and nuts to secure the guiding plate to the panel).



Step 5:

Ensure the dimensions of the door opening are consistent with the door opening on the order confirmation.



Step 6:

If the dimensions are accurate, draw a mark on the wall 35mm (1 3/8") from the door opening. If the dimensions are not accurate, proceed to Step 7. **Remember to include extra overlap to the measured mark, check job order for extra overlap.**



Step 7:

If the door opening is wider than the opening on the order confirmation draw a mark close to the door opening. If the door opening is narrower, draw a mark further away from the door opening.

i.e. if opening is 1" narrower, divide that by 2 for equal overlap per side and add it to the starting overlap 1 3/8".

(1 3/8" + 1/2" = 1 7/8")



Step 8:

For doors with an equal number of panels starting side does not matter but doors with odd number of panels (3,5,7) begin to install the door from the side with more panels. Lift the outer door panel (the panel with the aluminum profile that runs along the entire side) and place it on the guide rollers (the guide rollers act as height adjusters). Line up the edge of the aluminum profile with the mark you drew in Step 7. If you do not have the suggested guide rollers insert a shim that is 1 1/2" thick underneath the door to adjust to the desired height.



Step 9:

Install the bottom hinge first. Insert screws through the centre of the two oval holes and add extra screws to the inner end of the oval holes. Install the top hinge, before screwing check that the door is slightly over level. Screw through the centre of two oval holes first, add an extra screw on the outer



end of oval holes. Mount the top lifting hinge (second hinge down from the top) to help carry more the doors weight. **Do not install the middle hinges at this point as the door might not be in desired adjustment.**

Step 10:

Remove the guide rollers or shim from underneath the door.

Step 11:

Lift the next panel in place (middle panels do not have aluminum running the length of the door). To determine which panel mounts next check the seals (in between the panels should be male and female type of seals and hinges). Once the panes is installed and swinging smoothly, lubricate every hinge in between the panels. Mount the locking pin bracket to the header with the same fasteners as the hinges or place a pry bar or build a wedge underneath the door so that it stays in closed position. Repeat this until all the panels are installed on starting side.





Step 12:

Push all of the panels to the closed position. Measure from the outer edge of the aluminum to the steel edge of the middle panel, add 38mm (1 1/2") (the thickness of the rubber seal). This measurement will determine where to start the first panel on the opposite side of the opening. If you are installing a door with odd number of panels, Use the number of panels that is left to install from the first panels that are mounted.

Measurement: X to $X(\text{dimension}) + 38\text{mm}$ (1 1/2") gives you the mounting location of the first panel on the opposite side.



Step 13:

Measure from the same steel edge of the middle panel (Step 12), run a tape measure to the opposite wall. Use the measurement from Step 12 and draw a mark at the appropriate measurement.

Step 14:

Repeat steps 8 - 11 for the opposite side of the door.



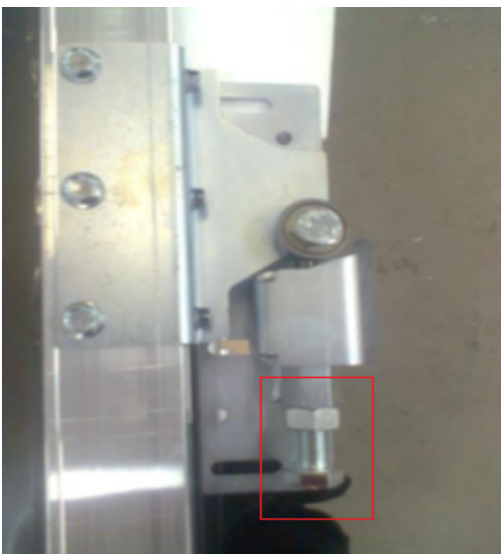
Step 15:

Close both sides of the door, ensure the gap between the two middle panels (steel to steel) is approximately 45mm (1 3/4") and ensure the gap remains the same vertically up the door. Tolerance is 4mm (1/8"). If the gap is correct set both sides top and bottom hinges by screwing a screw to two round holes to ensure the panels don't move horizontally. Then proceed to Step 17.



Step 16:

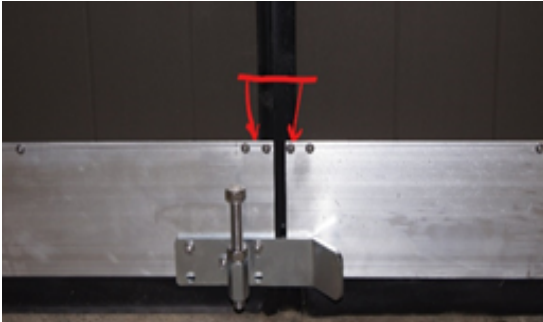
If the gap is not correct (45mm (1 3/4")), adjust either the top or the bottom hinge (or both) according to the measurements of the gap between the middle panels. Loosen the screws on the hinge(s) (oval holes) slightly and adjust the leaning door side so that the gap is 45mm (1 3/4"). When the gap is correct set both sides top and bottom hinges by screwing a screw to two round holes on the hinges to ensure that the panels don't move horizontally.



Step 17:

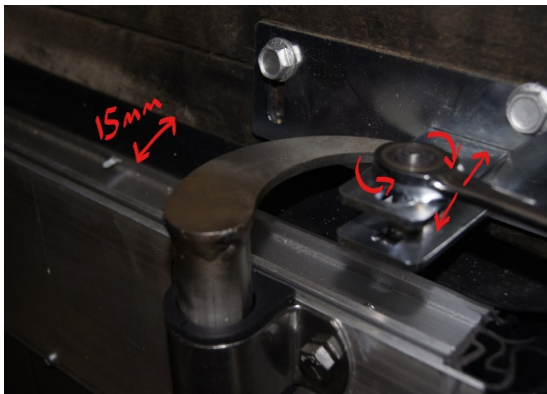
Push the door to the closed position. When the door is opened and closed, the weather stripping that runs horizontally along the bottom of the door should rub the floor slightly. If the height of the door needs to be adjusted. Loosen the lock nut on the top and bottom hinge and rotate the bolt (up or

down to raise or lower the door) (24mm wrench). Once the door is in its correct position (no light visible on the floor level), rotate the lock nut again to lock the hinge.



Step 18:

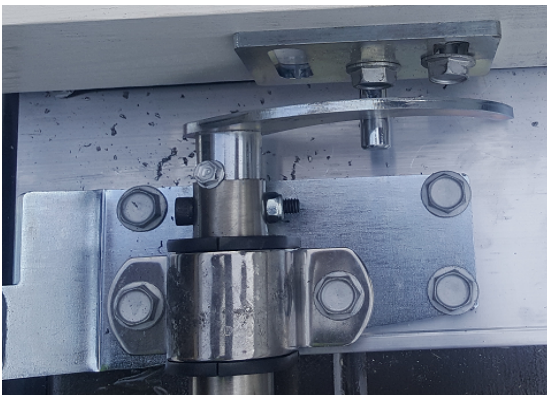
You can ensure the door panels are at the correct height by looking at the aluminum edges on the bottom of the door panels. If the doors are in the correct position, the top edge of the aluminum panels should line up flush.



inswing bracket

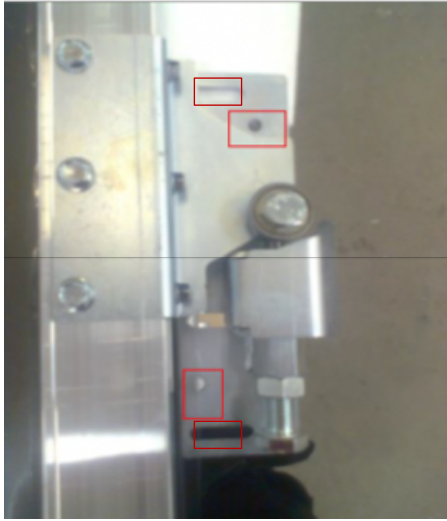
Step 19:

If you haven't mounted the locking pin brackets (see step 11), mount them now. Use same screws/bolts as with hinges. The pin part of the bracket should be at the centre of the hook. It is secured with six screws. There should be a 15mm (0.5") opening between the header and the door panel.



outswing bracket

If pin brackets were mounted in step 11 adjust brackets if needed.



Step 20:

Mount the remaining lifting hinges. There are six screws per hinge. Adjust the ramp on the lifting hinge; the bearing should be tight but still able to rotate. The top and bottom “flat” bearing needs to be tight and not able to turn.

Step 22:

Insert the door hangers on to the top guiding plate and the top hinges in between the second and third panel. (8 panel doors have 2 hangers per side, 7 panel doors have 2 on one side and one on the other side).



Step 23:

Install the loadbearing rail (heavy duty steel rail) assemble the rail on the ground before lifting it into position. Start in the middle end of the rail and place the first wall bracket **150mm (6”)** from the end. Place the remaining brackets approximately every **800mm (31”)**. Plan to have the last three brackets closer together to help support the weight of the door when it is in

open position. The last bracket on the jamb end of the rail needs to be **400mm (16")** from the rail end. Use 13mm bolts provided to mount brackets to the rail. The length of the wall "L" brackets should be longer the more you move towards the jamb end of the rail. Use short carriage bolts and nuts to secure wall brackets. All the "L" brackets need to be loose at this point. Then install the rail assembly. Have both hangars in the rail and mount the rail horizontally on to the header so that the first hangar in the centre of door is 1/4" into the rail from the end. Lift up the rail in the middle of the door so high that the spring on the hangar is tight. Then set the other end of rail 20mm (3/4") higher to make slope for it.

Step 24:

Now open the door slightly past 90 degree angle and set the last wall bracket by tightening the nut on the short carriage bolt on the "L" bracket. Then close the door all the way and tighten the first bracket in the middle so that there is about 15mm (5/8") between the door panel and the wall. Then tighten the rest of the brackets where they are. Make sure that the rail gains distance evenly from the wall going to the outer end of the rail.

If installing loadbearing rail after the rail is set, mount the support brackets above the rail brackets about 4" above each bracket. Then tighten the spring on the hangar so that you see about 1" thread after the

locknut. Then place threaded rod in between the two brackets and using the 17mm nuts and washers on the rod pull the track straight. Repeat this to all the brackets on the rail.

Step25:

Repeat step 23 – 24 for the other side.

Step 26:

In the closed position there should be no light visible at the top of the door. If the rubber seals on the top are too long and there is light visible between the panels, cut the ends of the rubber seals to the correct length. Hangars with the S-curve on them needs to be twisted so that the top seal is against the header at that spot. Once the curve is in correct position set the hangar by drilling a hole with (5.5mm (7/32”) drill bit through the sleeve and the hangar pin and screw one 10mm self-drilling screw into the hole. Remember to do this for both sides.

Step 27:

Lubricate all moving parts of the door system (hinges, track, hangers etc.).

Step 28:

When mounting the floor plate ensure the rubber seal on both panels do not rub on the edge of the plate. Turn the open end of the plate out enough that the rubber doesn't touch the plate. Use concrete fasteners to mount the plate on the floor.

Step 29:

Mount all pin locks with 8mm bolts and nuts and 10mm self-drilling screws. Pin locks gets mounted on the bottom of the door. (look for pre-drilled holes). After they are all mounted keep the door closed position and mark the pin lock spot on to the floor and drill a hole to the floor for the pin to be dropped in.

**Step 32:**

The door installation is complete. Ensure correct operation of the door system. If adjustments need to be made refer to installation guide for reference.

Opener installation



Ditec openers (2 - 4 panel doors)

Step 1:

Install the door panels and rails the same way as instructed in “**2 - 6 panel manual door installation**” (pages 6 - 16).

Notice that doors with openers don't have the manual locking mechanisms.

Step 2:

Once the door is installed mount the slider bracket on the middle panel by using 13mm bolts and nuts provided and place them through the pre-drilled holes on the top of the middle panel. Then add two 10mm self-drilling screws on to the inner holes of the bracket.

Step 3:

Insert the swing arm on to the opener end and tighten 13mm bolt in the end to secure the arm to the opener. Then place the other end into the slider bracket by using 17mm bolt and spacer provided. Make sure to insert the spacer in the slider to ensure free moving for the bolt. lubricate all moving parts.

Step 4:

Insert pull string on to the opener for manual use for the openers

Step 5:

Repeat steps 2 - 4 to the other side

Step 6:

Mount the control panel to the desired location (about 6ft from the floor). Make sure that the box is secured properly to the wall. Mount operating buttons underneath the panel or somewhere close to the panel (about 4 ft from the floor).

Step 7:

Mount the photo eyes on to the opposite side versus the door mounting. (Inswing doors photo eyes are outside and outswing doors photo eyes are inside). Measure 500mm (20") from the floor and have the bottom of the photo eye at this height. Mount eyes flush with the door jambs. Have the sending unit on the side closer to the panel (sending unit has 4 wires and receiving has 2 wires).

Step 8:

Start wiring the photo eyes and openers from the far side versus the control panel (check wire diagram for wire sizes). Run wires along the side of the door about 7" away from the door. Leave a small loop on the wires in both top corners where the wires travel from the door panel to the wall (ensure that door can open freely with the wires). Wires going to the photo eyes travel through the wall for inswing doors. Use wire channel or conduit for all runs. Run wires above the door and bring them all to the panel. **(Refer to the Wiring diagram (pages?) for terminating wires to the control panel.**

Step 9:

Program the control panel **(refer to Programming guide (pages?))** and make sure that the door works properly. Make adjustments if needed.

Gate opener (2 - 4 panel doors)



Step 1:

Install the door panels and rails the same way as instructed in “2 - 6 panel manual door installation” (pages 6 - 16).

Notice that doors with openers don't have the manual locking mechanisms.

Step 2:

Once the door is installed mount the opener bracket to the wall 30mm (1 3/16”) away from the edge of the door (height for the bracket might vary between different doors but try mounting it as high as possible from the floor). Then unscrew the covers from the opener and install the gate opener on to the bracket by using the fasteners provided. Then mount the door side opener bracket so that there is 60mm (2 1/4”) thread visible after the bracket going towards to the middle of the door. Mount bracket on the panel by using carriage bolts (5/16”) (not provided) and drill bolts through the panel and use the square plate on the other side of the door as a backing for the bracket.

Step 3:

Set the openers to the “manual use” by turning the key on the shaft 180 degree and mount the roller arm on to the top corner of the middle panel. The purpose of these arms is that they will ensure that the middle panel starts moving when the opener starts closing the door. Open the door in open position and mount the roller to the top of the panel so that it is slightly touching the rail. Once you have the correct spot for the arm. Secure the arm with 13mm bolts and nuts provided. Add two 10mm self-drilling screws onto the inner holes of the arm.

Step 3:

Repeat steps 2 - 3 for the other side.

Step 4:

Mount the control panel to the desired location (about 6ft from the floor). Make sure that the box is secured properly to the wall. Mount operating buttons underneath the panel or somewhere close to the panel (about 4 ft from the floor).

Step 5:

Mount the photo eyes on to the opposite side versus the door mounting. (Inswing doors photo eyes are outside and outswing doors photo eyes are inside). Measure 500mm (20") from the floor and have the bottom of the photo eye at this height. Mount eyes flush with the door jambs. Have the sending unit on the side closer to the panel (sending unit has 4 wires and receiving has 2 wires).

Step 6:

Start wiring the photo eyes and openers from the far side versus the control panel (check wire diagram for wire sizes). Run wires along the side of the door about 7" away from the door. Leave a small loop on the wires before going inside the opener. Wires going to the photo eyes travel through the wall for inswing doors. Use wire channel or conduit for all runs. Run wires above the door and bring them all to the panel. **(Refer to the Wiring diagram (pages 32 - 34) for terminating wires to the control panel.**

Step 7:

Program the control panel **(refer to Programming guide (pages 35 - 38)**

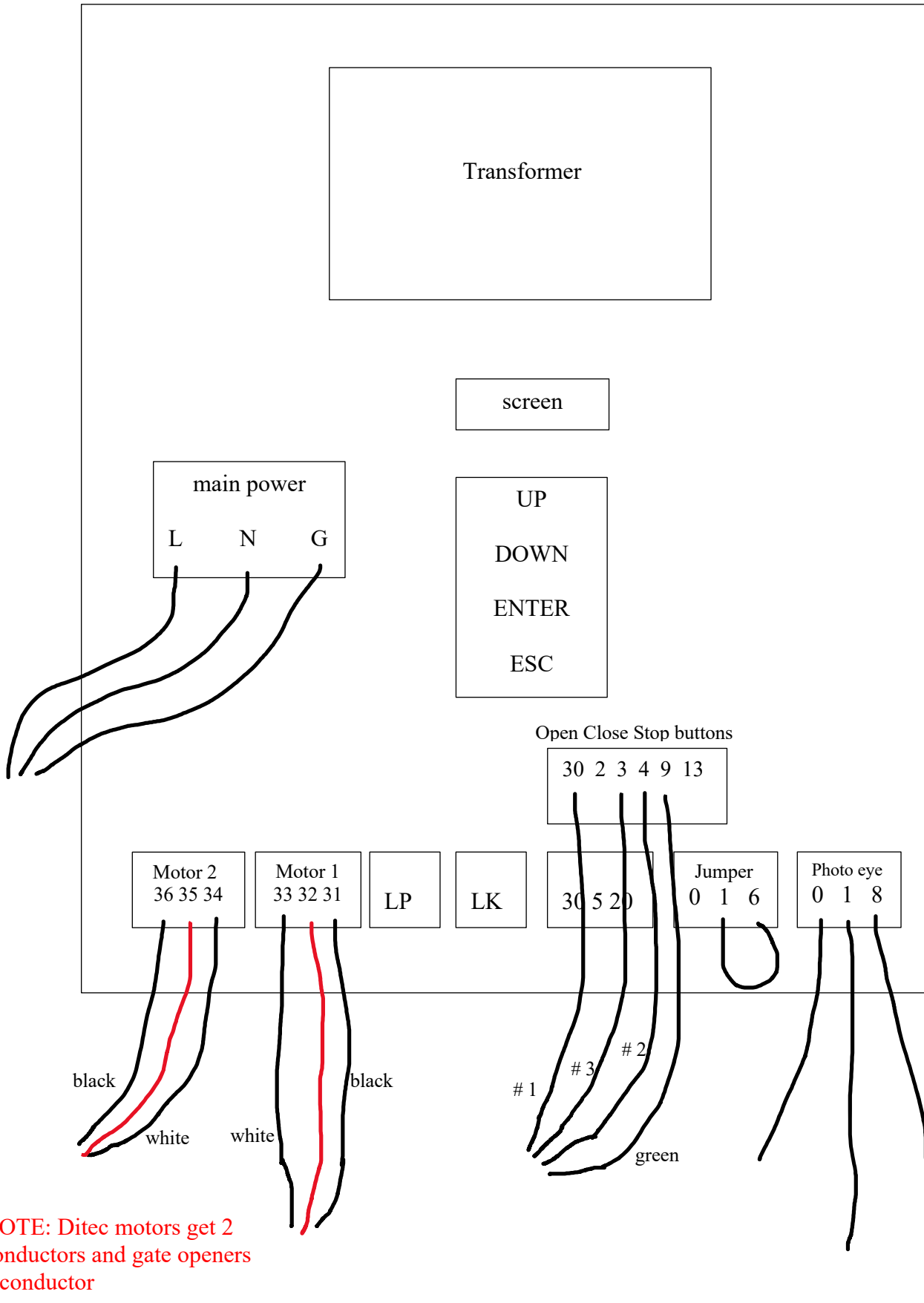
Step 8:

Set the limit switches on the opener by moving the magnetic sensors on the shaft further away from each other until the door opens and closes all the way.

Step 9:

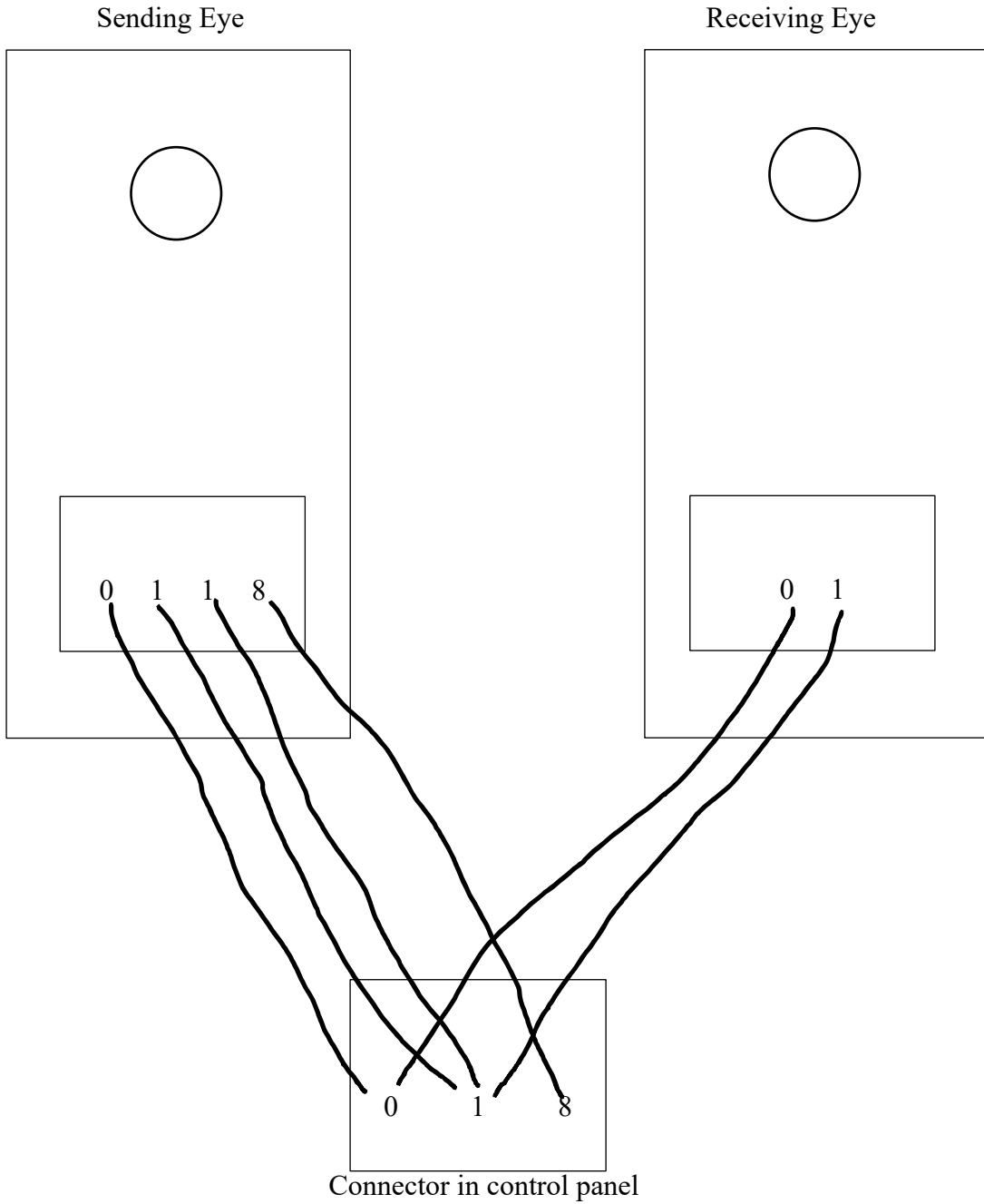
Ensure that the door works properly and make adjustments if needed.

CONTROL PANEL WIRING DIAGRAM

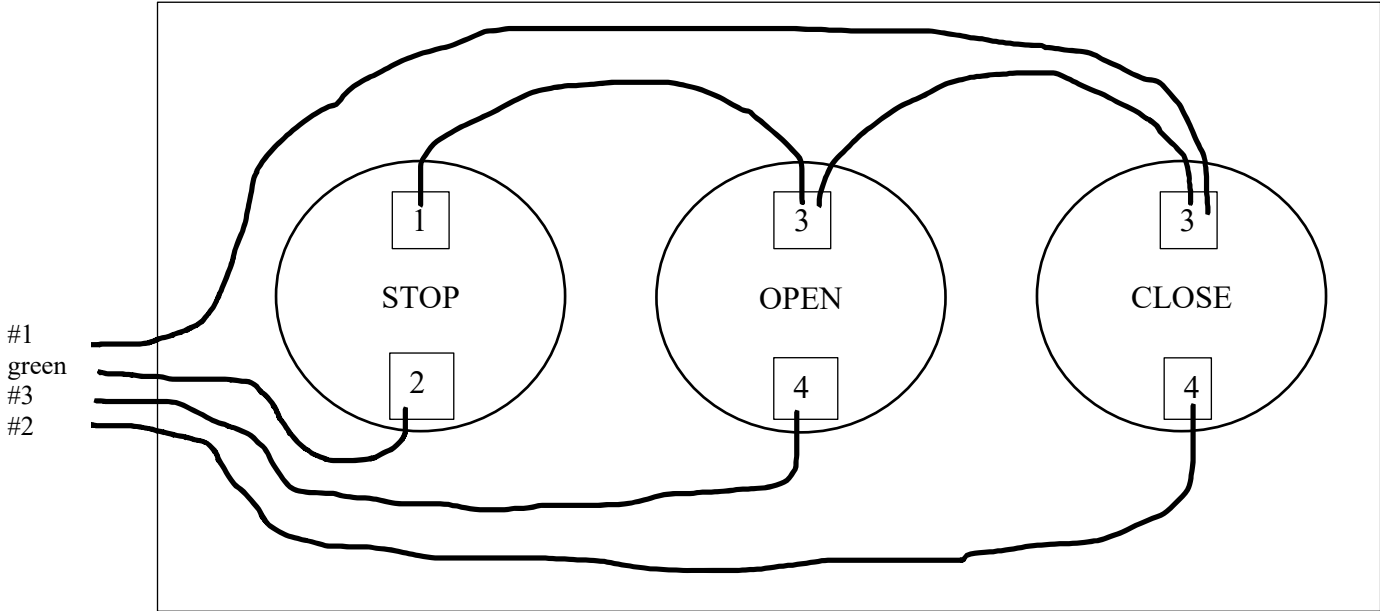


NOTE: Ditec motors get 2 conductors and gate openers 3 conductor

PHOTO EYES WIRING DIAGRAM



OPEN – CLOSE – STOP BUTTONS WIRING DIAGRAM



WIRE SIZES

Ditec opener 2/16 AWG
Gate opener 3/16 AWG

Sending photo eye 4/18 AWG
Receiving photo eye 2/18 AWG

Main power cord for the panel 3/16 AWG

Findoor programming guide



Ditec motors (motor type is 06)

AT → AS → 06	select motor type
AP → FA → NO	selection of opening limit switch mode
AP → FC → NO	selection of closing limit switch mode
AP → DO → 7	duration of disengagement on stop during opening
AP → DC → 7	duration of disengagement on stop during closure
BA → VA → 20	opening speed
BA → VC → 20	closing speed
BA → R1 → 99	motor 1 thrust
BA → R2 → 99	motor 2 thrust
BA → TR → 03	motor delay time
AT → AA	press enter to activate advanced options
BA → DT → 40	obstacle recognition time adjustment
BA → ST → 2.0	start-up time adjustment
BA → TA → 1.0	adjustment of acceleration time on opening
BA → TQ → 5.0	adjustment of acceleration time on closure
BA → VM → 08	initial movement speed
BA → TD → 50	adjustment of deceleration time
BA → OB → 08	deceleration time on opening
BA → CB → 04	deceleration distance on closing
BA → PO → 06	adjustment of approach speed during opening
BA → PC → 06	adjustment of approach speed during closure
BA → OO → 99	obstacle detection limit during opening
BA → OC → 99	obstacle detection limit during closure
BA → M1 → 10	operation time – motor 1
BA → M2 → 10	operation time – motor 2

Optional settings

BC → AC → 1-2 if automatic closing time disabled

(USE THIS WITHOUT SPECIAL REQUEST)

→ ON if automatic closing time enabled (if ON select time BA → TC → time)

Remote programming: remote button → enter → remote button (programming done when flashing stops)

Gate opener (motor type is 17)



AT → AS → 17	select motor type
AP → FA → SX	selection of opening limit switch mode
AP → FC → SX	selection of closing limit switch mode
BA → VA → 20	opening speed
BA → VC → 20	closing speed
BA → R1 → 99	motor 1 thrust
BA → R2 → 99	motor 2 thrust
BA → TR → 03	motor delay time
AT → AA	press enter to activate advanced options
BA → DT → 40	obstacle recognition time adjustment
BA → ST → 2.0	start-up time adjustment
BA → TA → 1.0	adjustment of acceleration time on opening
BA → TQ → 5.0	adjustment of acceleration time on closure
BA → VM → 08	initial movement speed
BA → TD → 50	adjustment of deceleration time
BA → OB → 04	deceleration time on opening
BA → CB → 02	deceleration distance on closing
BA → PO → 06	adjustment of approach speed during opening
BA → PC → 06	adjustment of approach speed during closure
BA → OO → 99	obstacle detection limit during opening
BA → OC → 99	obstacle detection limit during closure
BA → M1 → 10	operation time – motor 1
BA → M2 → 10	operation time – motor 2

Optional settings

BC → AC → 1-2 if automatic closing time disabled (**USE THIS WITHOUT SPECIAL REQUEST**)

→ ON if automatic closing time enabled (if ON select time BC → TC → time)

Remote programming: remote button → enter → remote button (programming done when flashing stops)