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PARTS & PACKAGING

NOTE: weights will vary based on additional hardware that is ordered. The weight is per 8ft section of rail with motor and unit housing. This does not include push rod weight for the Fremont, or other hardware attachments.

REQUIRED TOOLS & PERSONAL PROTECTION EQUIPMENT

Fig. Recommended tools and personal protective equipment for installation.

You will require the tools shown to assemble and install the opener. Lay out the required tools beforehand to ensure fast and safe installation.
### HARDWARE KIT PARTS

ROD ENDS, ROD LENGTHS VARY BY OPENING WIDTH

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>U-Fitting</td>
<td>Swing Door H.W. Kit</td>
<td>Steel, Mild</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Door Bracket</td>
<td>Swing Door H.W. Kit</td>
<td>Steel, Mild</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Pin, 1.25&quot; x .375&quot;</td>
<td>Swing Door H.W. Kit</td>
<td>Steel, Mild</td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>Clip, Pin, .375&quot;</td>
<td>Swing Door H.W. Kit</td>
<td>Steel, Mild</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>Ring spacer, .75 in.</td>
<td>Swing Door H.W. Kit</td>
<td>Steel, Mild</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>Double-Threaded Bolt, 2.375&quot; x .375 in</td>
<td></td>
<td>Steel, Mild</td>
</tr>
</tbody>
</table>
1. Ceiling control unit
2. Track, pre-assembled on the chain
3. Connecting sleeve, 2x
4. Track, 2x
5. Chain tensioner, pre-assembled
6. Ceiling bracket, 2-parts
7. Ceiling bracket hardware
8. 2 bolts M8 x 20 (wrench size 1/2") with 2 self-locking nuts M8 (wrench size 1/2"
9. Door arm
10. Curved door arm
11. Header bracket & pin with 2 locking-o-clips
12. 2 screws 8x60 mm (wrench size 1/2") and 2 washers 5/16" for the attachment to the header
13. 2 pins with locking o-clip for door arms
14. Emergency release handle
15. Door bracket
16. 4 self-drilling screws 1/4" (wrench size 3/8") for the door back
17. Transmitter, preprogrammed, with visor clip, packaged separately.
18. Warning label
19. Warning label for emergency release handle
20. Installation and operating manual

When unpacking, make sure that all items are included in the packages. If anything is missing, contact us. The actual content may vary depending on the specifications.

NOTE: The first remote included is already preprogrammed to your operator. See page 42 for programming a second.
FREMONT

1. Swing arm feeding attachment
2. Arm fittings
3. Header bracket
4. Additional transmitter (not preprogrammed)
5. Wire connector (required on all Fremont applications)

Please note: The ceiling mount hardware is not provided with Fremont (ceiling) applications.

SAFETY SENSOR CONTENTS

Fig. Product contents for safety sensor kit

1. 2 wires, length 32" 9" (10 m)
2. 1 transmitter safety sensor (green sticker)
3. 1 receiver safety sensor (red sticker)
4. 1 mounting bracket left
5. 1 mounting bracket right
6. 2 wing nuts M6
7. 2 carriage bolts M6
8. 4 screws 3/8"
Connection options on the carriage

1. LED, CH 1 - CH 4, red
   Display for radio channel

2. MAGNET slot, green
   Lock terminal

3. Slot, blue
   Limit switch terminal (OPEN), limit

4. pcb label

5. LEDs, opener lighting

6. MEMO slot
   Memo terminal

7. USART slot
   Interface

8. BUZZER slot, black
   Warning or alarm buzzer terminal

9. SENSO slot
   Senso terminal

10. LASER slot, white
    Parking position laser terminal

11. Terminal for safety contact strip
    8k2/OSK

12. Terminal for wicket door contact
    potential-free

13. Status LED, green

14. Reset button, green

15. DIP switches

16. Radio button, red (radio)

The version can vary depending on the type. This means the use of accessories can vary.
7.3 Connection options on the carriage

<table>
<thead>
<tr>
<th>pcb section</th>
<th>Function/application example</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAGNET slot, green</td>
<td>Lock terminal</td>
</tr>
<tr>
<td>MEMORY slot</td>
<td>Memo terminal</td>
</tr>
<tr>
<td></td>
<td>Memory expansion for 450 transmitter commands</td>
</tr>
<tr>
<td>USART slot</td>
<td>Terminal e.g. module</td>
</tr>
<tr>
<td></td>
<td>Home Automation</td>
</tr>
<tr>
<td>SENSO slot</td>
<td>Terminal for Senso</td>
</tr>
<tr>
<td></td>
<td>Humidity sensor</td>
</tr>
<tr>
<td>BUZZER slot, black</td>
<td>Terminal for warning or alarm buzzer</td>
</tr>
<tr>
<td>LASER slot, white</td>
<td>Terminal for parking position sensor</td>
</tr>
<tr>
<td>MOTION slot, white</td>
<td>Terminal for movement sensor</td>
</tr>
<tr>
<td></td>
<td>3-pin</td>
</tr>
<tr>
<td>Safety contact strip 8k2 terminal</td>
<td></td>
</tr>
<tr>
<td>OSE safety contact strip terminal</td>
<td>+ 12 V = BR</td>
</tr>
<tr>
<td></td>
<td>OSE = GN</td>
</tr>
<tr>
<td></td>
<td>GND = WH</td>
</tr>
<tr>
<td>Wicket door fuse terminal</td>
<td>(wicket door switch, reed contact etc.)</td>
</tr>
<tr>
<td></td>
<td>Contact command</td>
</tr>
<tr>
<td></td>
<td>(12 V/10 mA) normally closed contact, potential-free</td>
</tr>
</tbody>
</table>

### pcb section

Output 12 V/DC
- max. 100 mA, + 12 V, GND = WH
- Power supply for optional accessories, finger scanner or external lighting

The version can vary depending on the type. This means the use of accessories can vary.
For more information on the accessories, contact your qualified dealer or see:
[www.sommer-usa.com](http://www.sommer-usa.com)
Observe in particular the following safety instructions for this chapter.

### Danger due to electric current!
Contact with live parts may result in electric current flowing through the body. Electric shock, burns or death will result.
- All work on electrical components may only be carried out by a trained electrician.
- The accessories must only be connected if the opener is disconnected from the power!
- Disconnect the mains plug before working on the opener. If a battery pack is connected, disconnect it from the ceiling control unit.
- Then check that the opener is disconnected from the power supply and secure it from switching on again.

7.4 Reducing illumination power of LEDs

### Warning
Danger due to optical radiation!
Looking into an LED at short range for an extended period may cause optical glare. This may temporarily reduce vision. This may cause serious or fatal accidents.
- Do not look directly into an LED.
MOTOR CARRIAGE CHANNELS

<table>
<thead>
<tr>
<th>LED</th>
<th>RADIO CHANNEL</th>
<th>SETTING/FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CH 1</td>
<td>Pulse Mode</td>
</tr>
<tr>
<td>2</td>
<td>CH 2</td>
<td>Partial opening or lighting function</td>
</tr>
<tr>
<td>3</td>
<td>CH 3</td>
<td>Defined OPEN</td>
</tr>
<tr>
<td>4</td>
<td>CH 4</td>
<td>Defined CLOSED</td>
</tr>
</tbody>
</table>

The standard setup (without extra memory) can memorize up to 40 commands, and each channel utilizes 10 of those. If all 4 channels are used you can have up to 10 remotes.

RESET BUTTON

The length of time the reset button is pressed will define what is reset see below options.

- 1-2 seconds will reset the safety devices
- 5 seconds the force values will be deleted
- 10 seconds the end position (or close) will be deleted
- 30 seconds will be full factory reset

CONTROL UNIT HOUSING
### Connection options to the ceiling control unit

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>
| 1 | DIP switches                                                    | 7 | Terminal, 2-pin  
24 V AC transformer secondary side |
| 2 | ACCU slot                                                       | 8 | pcb label |
|   | Terminal for battery pack                                       |   |
| 3 | Slot, keypad, black                                             | 9 | Terminal, 2-pin  
chain and track, 24 V AC |
|   | Terminal for the button connector cable of the pro+ wall control unit |   |
| 4 | Slot                                                            | 10| Light slot, white  
terminal for Lumi+ supplementary lighting |
|   | Terminal for relay                                              |   |
| 5 | Terminal, 2-pin power supply                                    | 11| Terminal, 2-pin  
safety sensors |
|   | 120 V AC 50/60 Hz                                               |   |
| 6 | Terminal, 2-pin transformer primary side                        | 12| Terminal, 2-pin  
wall station or wall button |
|   | 120 V AC 50/60 Hz                                               |   |

The version can vary depending on the type. This means the use of accessories can vary.
## Control Unit Housing

<table>
<thead>
<tr>
<th>PCB Section</th>
<th>Function/Application Example</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACCU</strong></td>
<td>Battery slot&lt;br&gt;Terminal for battery pack</td>
</tr>
<tr>
<td><strong>Keypad</strong></td>
<td>Slot, black (only for typ pro+)&lt;br&gt;Terminal for the button connector cable of the wall control unit</td>
</tr>
<tr>
<td><strong>Slot for relay</strong>&lt;br&gt;Switching capacity&lt;br&gt;Max: 5 A/120 V AC&lt;br&gt;Max: 5 A/24 V DC</td>
<td>Terminal, 2-pin&lt;br&gt;Power supply&lt;br&gt;120 V AC 50/60 Hz</td>
</tr>
<tr>
<td><strong>Terminal, 2-pin</strong>&lt;br&gt;Transformer primary side&lt;br&gt;120 V AC 50/60 Hz</td>
<td>Terminal, 2-pin&lt;br&gt;24 V AC transformer secondary side</td>
</tr>
<tr>
<td><strong>Terminal, 2-pin</strong>&lt;br&gt;Chain and track, 24 V AC</td>
<td>Light slot, white&lt;br&gt;Slot for Lumi+ supplementary lighting</td>
</tr>
<tr>
<td><strong>Terminal for 2-wire safety sensors</strong>&lt;br&gt;Any polarity</td>
<td>Terminal, 2-pin&lt;br&gt;Wall station or button 2&lt;br&gt;Potential-free</td>
</tr>
</tbody>
</table>

The version can vary depending on the type. This means the use of accessories can vary.
Service the opener regularly as directed below. This ensures safe operation and a long service life for your opener.

<table>
<thead>
<tr>
<th>How often?</th>
<th>What?</th>
<th>How?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Once a month</td>
<td>Test the emergency release</td>
<td>See chapter “12.7 Function of the emergency release”</td>
</tr>
<tr>
<td></td>
<td>Test the obstacle detection</td>
<td>See chapter “11.1 Testing obstacle detection”</td>
</tr>
<tr>
<td></td>
<td>Test the safety sensors</td>
<td>Interrupt the active safety sensors while the door is closing. The door must stop and open slightly or completely if automatic closing is activated. If necessary clean the safety sensors, see chapter “13.3 Care”</td>
</tr>
<tr>
<td>Once a year</td>
<td>Test the door and all moving parts</td>
<td>As directed by the door manufacturer</td>
</tr>
<tr>
<td></td>
<td>Check screws on door, ceiling or header</td>
<td>Check that screws are tight and tighten if necessary</td>
</tr>
<tr>
<td>As needed</td>
<td>Chain and track</td>
<td>Maintenance-free</td>
</tr>
<tr>
<td></td>
<td>Track</td>
<td>See chapter “13.3 Care”</td>
</tr>
<tr>
<td></td>
<td>Clean ceiling control unit and carriage housing</td>
<td>See chapter “13.3 Care”</td>
</tr>
</tbody>
</table>
CLEANING

Clean track, carriage and ceiling control unit

1. Pull the power plug out of the power outlet.
   If a battery pack has been installed, remove the
   ceiling control unit cover and disconnect the battery
   pack from the ceiling control unit. See also chapter
   “8.1 Installing and removing battery pack.”
   Then check that the power is disconnected.

2. Remove loose dirt with a moist, lint-free cloth:
   • from the carriage and the ceiling control unit
   • from the track and the inside of the track

3. If applicable, install the battery pack in reverse order
   of removal.
   ⇒ Plug the power plug into the power outlet.

Clean safety sensors

Fig. 1

NOTE

Do not change the position of the safety
sensors when cleaning them.

1. Clean the housing reflectors with a moist, lint-free
   cloth.

ADDITIONAL INFORMATION

For other detailed information please refer to the Sommer
(manufacturer) manual.

• Connection diagrams for DIP switches can be found on page 80
• Connections and special functions for the Motor Carriage like ad-
  justing the light function, partial opening, deleting transmitter and
  channels page 45-50
• Trouble shooting page 67
INSTALLATION

The control unit housing may be mounted anywhere convenient for your application.

FREMONT PARTS ORIENTATION

- In order to install the Fremont you will need to install the swing arm attachment to the motor carriage, which is pointing in the direction of your doors.
- The red limit stop and wire connector must be located on the door side of the rail.
- The Control unit housing can be mounted anywhere that is convenient with the wire connector running to it to power the motor carriage.

CONNECTING THE RAILS

1-a. Take your rails and parts boxes out and set aside. Slide the bridges (part3) onto each end of Part 2 (track with motor carriage).
CONNECTING THE RAILS

1-a. Take your rails and parts boxes out and set aside. Slide the bridges (part 3) onto each end of Part 2 (track with motor carriage).

1-b. Proceed to slide other rails (part 4) into the bridges until they meet with the edges of Part 2.

For Sliding Edison applications you can install the Control Unit housing or wire connector on the red limit stop end, for Swing out Fremont you must install the wire connector.
WIRE CONNECTOR INSTALLATION

2-c. Follow below instructions for the chain tensioner to connect the wire connector. The wire connector will always be located on the same end as the opening.

CHAIN TENSIONER INSTALLATION

3-a. Slide chain tensioner (part 5) into opposite end of the track, stretch the chain and rotate it 90 degrees so it slides into the chain holder. Make sure the tensioner is loosened before attaching chain.

3-b. Rotate the chain back so it locks into place. Tighten the tensioner bolt with socket (1/2”) until the washer hits the arrow (or triangle).
ATTACHING THE SWING ARM

To attach the swing arm fitting you must remove the motor from the rail. Start by disengaging motor with emergency release chord.

1. Unfasten screw shown above. The screw is located where the arm connects.

2. Remove the slider from underneath the motor (it is black) with a flat head screw driver.
3. Push the chain up against the rail, and then rotate the motor towards you and lift off rail.

4. Swing arm attachment mounts towards the chain plate and bolts on with one screw.

5. Push the chain against the rail, rotate motor and place back into the rail. Engage the motor by pulling the red emergency chord.

6. Slide the black chain slider underneath the motor.
7. Fasten the motor back into place with the screw you removed in step 1. A.

8. Insert swing arm forks (u-fitting) into the swing arm attachment on both sides and tighten together.

9. Fasten the push rod into the fork (u-fitting).
WIRING INSTRUCTIONS FOR THE WIRE CONNECTOR

3-c. For wire connector applications you will need to disconnect the wiring from the control unit housing. The wires from the wire connector will be installed the same as the unit housing, and color wires remain the same. You will need to remove the transformer to reach the red wire in the neck of the control unit housing. Feed the wires through the neck, and re-attach to the same terminals.
ATTACHING THE BLACK CEILING BRACKET

4-a. To install the ceiling bracket (part 6) take the ¾” L bracket and insert the bolts (part 7) through the bracket where the hollowed-out notch is on each side (this is what mounts it to the wall). You may have additional ceiling brackets depending on your length of rail. Place one side against the top of the rail, and the other at the bottom facing each other. Slide the pieces together so they interlock. To tighten the bolts first hand tighten them and then with a socket only 1-2 more revolutions. It is important to not over-tighten.

Note: do not force the pieces together, they should interlock easily. Make sure they are firmly pressed against rail and the brackets are aligned.

4-b. For 8ft applications the ceiling bracket attaches in the middle of the rail. Per extension you will receive another ceiling bracket. They do not fit over the bridges.
MOUNTING THE RAIL

Provided in the Fremont kit is direct mounting brackets (parts 6 and 11 on page 4) which will work when you do not have tall ceilings. If drop down brackets are needed they will need to be sourced elsewhere. The Fremont rail can be installed on a slight downhill and still operate, this can be no more than XX.

At each end of the rail install the header brackets:

- Insert pin through the header bracket, rail, and chain tensioner or wire connector
- Insert e clip over pin to secure
CHOOSING A LOCATION

- outside of the range of motion of the door and opener mechanics
- so the user can see the door directly
- when operating the wall station, the user can remain outside of the range of motion of the door and opener mechanics
- on a flat surface

The wall station is typically mounted directly to the wall with provided screws, it can be wood or drywall applications.

a. Strip off approximately 3/8" of insulation from the wire ends
b. Unscrew the screws 1/8" by 3/8" (2) so that the wire ends can be wrapped around the screws
c. Wrap both stripped wire ends around the screws. It does not matter which wire is wrapped around which screw (polarity proof connection).
d. Tighten both screws and check if the wire ends are held firmly.
ATTACHING THE PUSH RODS

1. Attach the T bracket to the door. Another U-Fitting will be mounted on the end of the push rod and will attach to the T Bracket.

2. Mark and predrill the locations for the door brackets. Suggested positioning is in the middle of each inner door stile (fig 1). The rods may also be mounted up to 1/3 of the door’s width from the center (fig. 2). Note that the minimum distance from the center of the rail assembly to the center of the door brackets is 3 ¾” (fig. 3). Install each bracket with short lag screws.
3. Attach one U-connector to the threaded end of each push rod. Connect each rod to the door brackets by inserting the pin and (figure 2) C-clip. It is helpful to suspend the rods from the rail temporarily with a length of rope while you are working.

4. Insert the short length of threaded rod through the holes in the front of the sliding carriage, slipping the 3/8" spacer in between the prongs. Attach the remaining two U-connectors to the protruding threaded rod.

5. Join the push rods to the sliding carriage by inserting the pin through the U-connector and crimped end of the rod. Lock the pin in place with the C-clip.

6. Adjust the emergency release chord to the length you need. See below instructions.

7. Please see pages 26-32 for photo eye and wall station instructions. Operation cannot begin until safety sensors are installed.
ADJUST THE RED LIMIT STOP

Set the red limit for the open position by disengaging the motor. To do this pull the red chord (emergency release) until it disengages. This will allow you to move the doors freely to see where the doors need to stop. Position the red stop accordingly and be sure to tighten down.

AUTOSET PROGRAMMING

1. Place the door in the halfway open position and re-engage the motor by pulling the red emergency release chord
2. Use the remote for programming the opener, the one included (in the main box with the opener) is preprogrammed already for your convenience

NOTE: Only the 1st button is used on the remote for programming purposes

3. Plug the motor into your power outlet. The status light on the control board should blink rapidly
   • It is recommended to leave the motor carriage cover off during install
4. Press 1st button on the remote until the motor carriage starts to move and release quickly
5. To set the close limit you must program the position for the opener to learn during auto set
   • The motors are very strong and will try to pull through the resistance while it is in learning mode and will possibly result in bending/breaking hardware
   • The best way to set the closing limit is to use the remote to stop the door right before hitting the jamb
   • Hold down the 1st button on your remote to activate the hop function and release as soon as it moves
   • The opener will make small jumps forward
   • Continue this until you reach the desired stop location
**NOTE:** An alternate solution is use something like 2x4 wood planks or other form of sturdy brace to stop the door at the right location. This will absorb the force and take the pressure of the hardware. This may not work for all install applications.

**!!CAUTION!!** We do not recommend using yourself or any other persons to stop the door at the closing limit as this may result in injury.

6. Press the 1st button again to activate the opener to return the open limit

7. The opener will continue the learn mode on its own and will go back and forth across the rail between the limits so it can learn the push force required to move your doors
   - During learn mode the LED lights will be flashing
   - As soon as the programming is complete the light will remain solid and is then ready for use. It is very important to not interrupt or stop the opener prematurely during its programming

**NOTE:** the number of repetitions will vary based on your door. The heavier the doors are the more passes are required for the opener.
1. Receive one preprogrammed transmitter
   • Hold until the unit moves, do not continue to press the button or it will go into “dead mad” mode

2. Hop function
   • Hold button until the unit jumps, continue until it reaches the location that is desired

3. Clone additional remotes
   • Hold down second button, and then hold the first button together on your currently working remote. This puts it in learn mode, and then press any button on your new remote to clone it. See additional instructions below:
Prerequisites for teach-in by radio

A transmitter must already be programmed on the radio receiver. The transmitters used must be identical. So, for example, a Pearl can only be programmed on a Pearl and a Pearl Vibe on a Pearl Vibe.

The key assignment of transmitter (A) that puts the radio receiver into teach-in mode by radio is used for the new transmitter (B) that is to be programmed. The already-programmed transmitter and the new transmitter to be programmed must be situated in the range of the radio receiver.

Example:
1. Button 1 on radio channel 1 and button 2 on radio channel 2 have been programmed by transmitter (A).
   ⇒ The newly-programmed transmitter (B) adopts the key assignment of transmitter (A): Button 1 on radio channel 1, button 2 on radio channel 2.

Restriction
The following settings are not possible:
• The targeted teach-in of a selected transmitter button on a radio channel.

![Diagram](image)

Fig. 1

1. Press buttons 1 + 2 of a programmed transmitter (A) for 3 - 5 seconds until the LED lights up on the transmitter.
   ⇒ The opener lighting flashes.
   ⇒ If a radio command is not transmitted within another 30 seconds, the radio receiver switches over to normal mode.

2. Release buttons 1 + 2 of the transmitter (A).

3. Press any key, e.g. (3) on the new transmitter (B) to be programmed.
   ⇒ The opener lighting remains steady.
   ⇒ Transmitter (B) has been programmed.
INFORMATION
All functions can be programmed for all buttons.

Button 1 (CH 1)
Fig. Pulse sequence door OPEN, door stop, door CLOSE, door stop

Button 2 (CH 2)
Fig. Pulse sequence for
Partial opening: DIP switch 2 ON
Lighting function: DIP switch 2 OFF

Button 3 (CH 3)
Fig. Pulse sequence for defined door OPEN

Button 4 (CH 4)
Fig. Pulse sequence for defined door CLOSE
HOMELINK

1. Radio – scroll through to press button 1 on the vehicle
   • Please note: while programming homelink to the vehicle it will go through a learn cycle at least 3-4 times.

2. Not compatible with car2u

3. Homelink is on a 310 frequency

4. Homelink will be installed into the first four prongs on the USART
   • Please see below diagram (Red arrow is showing the location of USART)

NOTE: Homelink installation video is available on YouTube. Just search “HomeLink training for Sommer garage door openers”.
1. For the first time programming with a SOMMER evo+ opener, press and hold all 3 HomeLink buttons for approximately 30 seconds. Release only when the HomeLink indicator light turns off.

**INFORMATION**
Do not perform this step when programming the additional HomeLink buttons.

2. To ensure HomeLink is in the proper training mode, press and hold each of the buttons individually.
   - Indicator light blinks rapidly for 2 seconds and then turns to a continuous light.

![Diagram](image)

**Fig. 1**

---

![Warning](image)

**DANGER**
Danger of falling!
Unsafe or defective ladders may tip and cause serious or fatal accidents.
- Use only a non-slip, stable ladder.

**INFORMATION**
A second person makes the following steps quicker and easier.

3. At the carriage, locate the radio button.
4. Press and release the radio button.
   - LED is activated.

**INFORMATION**
Once the button is pressed, there are approximately 30 seconds in which to initiate the next step.

5. Return the carriage and firmly press and hold the desired HomeLink button to be programmed for two seconds and release.
6. Repeat the „press/hold/release“ a second time to activate the door.
   You may need to repeat this sequence for pressing the radio button on the carriage and then pressing the HomeLink button in the vehicle up to 3 times to complete the training process.
   - HomeLink should now activate the rolling code equipped opener.

For more information please visit: [www.homelink.com](http://www.homelink.com)
BATTERY PACK

1. Battery pack can supply power during mains power failure

2. Battery pack can be operated for approx. 5 cycles in 12 hours
   - Please note: It is recommended to have a qualified electrician to install, test and replace battery pack

3. Battery pack contains charging and monitoring hardware
   - Please see below diagram (Red arrow is showing the location of ACCU for install)

Follow the instructions for the battery pack in the separate installation and operating manual.
See also chapter “6.1 Cover of the ceiling control unit.”
NOTE
When the battery pack is installed, the cover of the ceiling control unit must be removed with particular care.

Fig. 1
1. Unscrew and remove the cover from the ceiling control unit.

Fig. 13
2. Place the battery pack loosely in its position in the cover and plug the battery pack plug into the pcb at the BATTERY slot.

Fig. 3
3. Screw on cover.
4. Run a function test.
   - Pull the power plug out of the power outlet.
   - The opener is powered by the battery pack.
5. Press the button on the transmitter.
   - Opener opens or closes the door at reduced speed.
8. Plug in the mains power plug.
MEMO

The use of the Memo depends on the version of the carriage control board. The memory capacity can be extended to 450 transmitter commands using the optional Memo accessory part. When plugging in the Memo, all available transmitters are transmitted from the internal memory to the Memo and stored there. The Memo must remain plugged in on the control unit. No more transmitters are stored in the internal memory. Stored transmitters cannot be transmitted from the Memo back to the internal memory. All radio channels, including the memory of the Memo, can be deleted, see Chapter "7.12 Deleting all radio channels in the receiver."

- Memory extension from 40 to 450 radio commands
- Ease of install, will work without programming
- Just plug and play

Please see below diagram (Red arrow is showing the location of MEMO for install)
**SOMLINK**

Service tool, for adjusting and viewing parameter settings of the drive. These include force and speed values as well as operating parameters and other convenient functions.

- Integrated Wi-Fi mode
- Integrated web server
- Universal for smartphones/tablet/laptop
- Talks to the opener via radio signal
  - Opener needs to be on channel 1
- Diagnostic help: full history and codes with possible solutions
- Data backup
- Generation, backup and loading of own user profiles on to the drive
- Can program features like humidity venting, power, sensitivity, speed, and lighting.

*Recommended to only be used by qualified installers or technicians*
Senso is an add on device that monitors humidity levels in the space.

There is a standard factory setting for Humidity levels that allows for venting if the humidity rises. The opener will be equipped to open about an inch or less if the humidity reaches 80% and will close again once it goes down to 70%. This setting can be adjusted with our SOMlink device. For additional information please contact us directly at 800-694-5977.
ABOUT US

Real Carriage Door & Sliding Hardware is committed to excellence in creating high quality products for customers around the world. Built Real in the USA, our original door and hardware designs are visually stunning and structurally robust. We strive to exceed your expectations by combining personalized customer service with the highest quality products. We invite you to Build Real.™

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