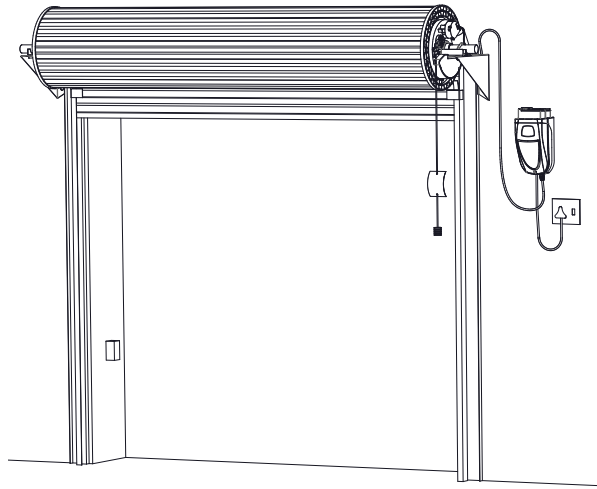


Installer Instructions



DC Blue
ABSOLUTE

Domestic Roll-Up Door Operator

Nice

www.niceforyou.com/za

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Warranty.	
Page 18	Warranty.

For assistance with this product, not covered in this manual, please contact us in any of the below methods convenient to you.

- Voice call: +27 21 404 0888 (Mon - Fri 08h30 - 16h30)
- WhatsApp Text/Chat: +27 72 973 1900 (Mon - Fri 08h00 - 17h00 and Sat 09h00 - 12h00)
- Online support: www.niceforyou.com/za/support

All times shown are South African Standard Times. (UTC+02:00)

Be Safe!

WARNING!! These are the general safety obligations for the installers and users of Nice Group South Africa (Pty) Ltd automation equipment. These instructions must be issued to the responsible end user during the handover and instruction meeting.

1. Only suitably qualified persons, may install, repair or service the product. Unless expressly indicated in the user instructions, no user serviceable components can be found inside any Nice Group South Africa (Pty) Ltd automation product.
2. It is important for personal safety to study and follow all the instructions carefully. Incorrect installation or misuse may cause serious personal harm.
3. Keep the instructions in a safe place for future reference.
4. This product was designed and manufactured, strictly for the use indicated in the accompanying documentation. Any other use not expressly indicated in the documentation, may damage the product and/or be a source of danger. Nice Group South Africa (Pty) Ltd cannot accept responsibility for improper use or incorrect installation of this product.
5. Nice Group South Africa (Pty) Ltd cannot accept responsibility if the principles of good workmanship are disregarded by the installer.
6. Nice Group South Africa (Pty) Ltd cannot accept responsibility regarding safety and correct operation of the automation, if other manufacturers' equipment is added to this product.
7. Do not make any modifications or alterations to this product. Do not substitute any component of this product with any other component not expressly designed into this product.
8. Anything other than expressly provided for in the accompanying instructions is not permitted.

Prior to installation:

1. All unnecessary ropes, chains and fasteners must be removed and all unnecessary latches or locks must be disabled from locking.
2. The gate or door must be balanced correctly where it, neither opens nor closes from any position under its own load. When operated by hand the gate or door should be free of hindrance and easily moved (In the case of a garage door if the balancing springs need to be adjusted the adjustment should only be carried out by a qualified and experienced person).
3. The construction of the gate or door must be sound and automatable. It is the responsibility of the installer to ensure that the mechanical components of the gate or door system are sufficient to withstand the necessary forces in cases of overload.
4. It is the responsibility of the installer to ensure the gate or door is sufficiently trapped within its range of travel by means of mechanical ends of travel stoppers.
5. Ensure all fixed mounting points, such as the wall above the door in a garage door system or the posts in a swing gate system, are sound and strong enough to allow proper fixing of the operator.
6. It is the responsibility of the installer to ensure the installed position selected for this product, falls within the limitations of the products ingress protection rating.
7. Ensure the area of installation is not subject to explosive hazards. There should be no volatile gasses or fumes as these can present a serious safety hazard.
8. All Nice Group South Africa (Pty) Ltd garage door operators are supplied with a sealed 15A safety plug on lead for use in an electrical code of practice approved plug point. Do not extend, modify or replace the plug lead unless duly qualified as an electrician. Before installing the unit, ensure the mains supply is switched off.
9. Nice Group South Africa (Pty) Ltd gate operators are supplied with a terminal connection for the electrical supply beneath the screwed down cover of the operator. In the case of a model requiring 220Vac supply at the operator, an all pole negatively biased switch, with a contact opening of greater than 3mm must be installed within 1.5m of the operator. This switch must be clear of all workings of the system and must be in a position secure from public access. This switch and its connections must be inspected and passed by a certified electrician prior to using it.
10. It is the responsibility of the installer to ascertain that the designated persons (including children) intended to use the system, do not suffer reduced physical sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the system by a person responsible for their safety.
11. The drive may not be installed on a door incorporating a wicket door, unless the drive is disabled by the release of the wicket door. (Wicket door :- A pedestrian door within the main gate or door)

During installation:

1. Ensure the working area is clear of obstructions and obstacles.
2. Install the safety warning sticker within clear view of where the gate or door will be operated from. Typically this would be adjacent to any fixed trigger switches or on the gate or door itself.
3. The emergency manual release must be installed where it is no higher than 1.8m from the floor level. This would apply to the cord in a garage installation or the lockable lever in a gate installation.
4. Any additional fixed door control switches such as wall consoles or keypads, if installed, must be at a height of at least 1.5m, within clear sight of the gate or door and away from any moving components of the system.
5. It is highly recommended that a set of safety infra-red beams be used in conjunction with this product. The safety beams must be installed in such a way that the product is prevented from running when anything is in the path of the door or gate.
6. Over and above the recommendation to use safety infra-red beams with this product it is mandatory to install and use a safety beam set when using the automatic closing feature. It is recommended that a warning light be fitted to any automation system.
7. The gate or door warning labels must be installed in a prominent place and/or adjacent to any fixed controls that trigger the system. These must be in clear line of sight of the gate or door opening.
8. The emergency manual release instruction label must be installed on or adjacent to the emergency manual release mechanism.

After installation - It is the responsibility of the installer to ensure the user:

1. Is proficient in the use of the manual emergency release mechanism.
2. Is issued with the documentation accompanying this product.
3. Understands that the gate or door may not be operated out of clear sight.
4. Ensures that children are kept clear of the gate or door area at all times, and that children do not play with the remote transmitters or any fixed trigger switches linked to the system.
5. Is instructed not to attempt to repair or adjust the automation system and to be aware of the danger of continuing to use the automation system in an unsafe condition before a service provider attends to it.

continued.....

1. Is proficient in testing the unit's safety obstruction sensing system.
2. Is aware of what to check for with regards to wear and tear that may need to be attended to from time to time by the service provider.
3. Is aware that a fatigued battery may not be disposed of in the general refuse and must be handed in at a battery merchant for safe disposal. Before removing the battery from the system the household mains must be disconnected. In the case of the motor unit being removed and scrapped, the battery must be removed first.

Technical specifications.

Rated door size.	8m ²
Rated Load.	40N
Maximum travel.	137 drum revolutions.
End of travel positions. (Limits)	Determined by absolute encoder.
Primary power supply to control box.	220 – 240Vac @ 50Hz – 60Hz
Peak power consumption at control box.	230W
Electrical class.	Class 1
Motor voltage.	24Vdc
Motor current.	Current limited to 6A.
Ancillary devices power supply output.	24Vdc @ 200mA
Built in battery charger.	350mA. LiFePO4 and SLA compatible.
Anti-crushing safety sensing.	Yes – Electronic profiling.
Duty cycle maximum.	25% with 220Vac present.
Number of operations on battery reserve. <i>(Battery health and charge level at time of power failure dependent. Calculated on a 2.1m door travel with a movement resistance of 40N or less)</i>	25 using a Nice 24V 3,5Ah SLA battery.
Operating speed. <i>(Door load and power supply dependent)</i>	Up to 8m/min. (Calculated on a door with a drum diameter of 200mm)
Built-in courtesy light.	LED cluster.
Courtesy light brightness.	400 lumens.
Courtesy light power.	1W
Receiver format.	ET BLU MIX © backward compatible with ET BLUE. (Rolling code)
Receiver frequency.	433.92MHz
Receiver channels.	4CH (Button trigger, Courtesy light, Auxiliary relay, Holiday lock-out)
Receiver memory capacity.	31 users.
All users can be allowed control of all channels.	Yes
Auto-close mode.	Simple auto-close.
Auxiliary relay modes. (Requires that E-Coms modules be installed)	Courtesy light, electric lock, receiver relay, alarm.
Alarm monitoring.	Safety beam tampering and door forced open alarm.
Programming interface.	Up and down buttons, LEDs and buzzer.
Ingress protection.	IP20
Operating temperature range.	-20 to 50° C (14F to 122F)
Physical dimensions.	See next page.

Special note: The DC Blue Absolute main control unit is ONLY compatible with the DC Blue Absolute motor head and visa versa!

Technical specifications subject to change without prior notice.

Component identification and descriptions.

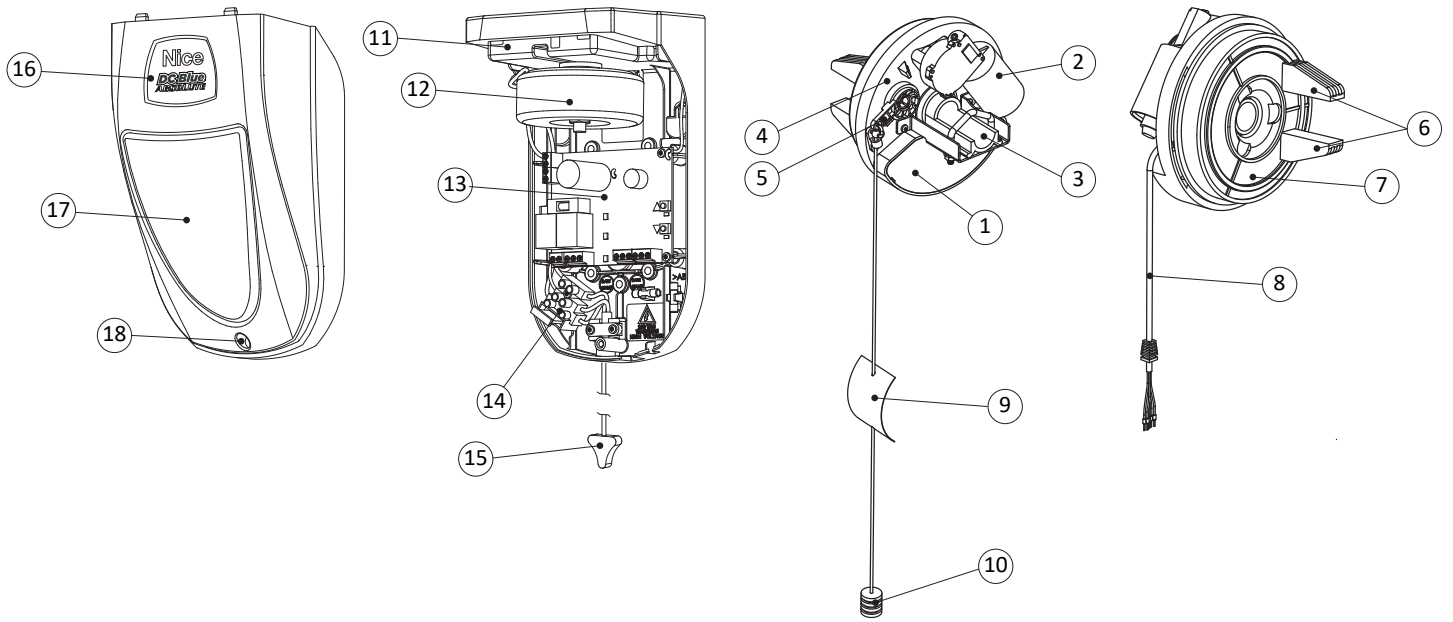
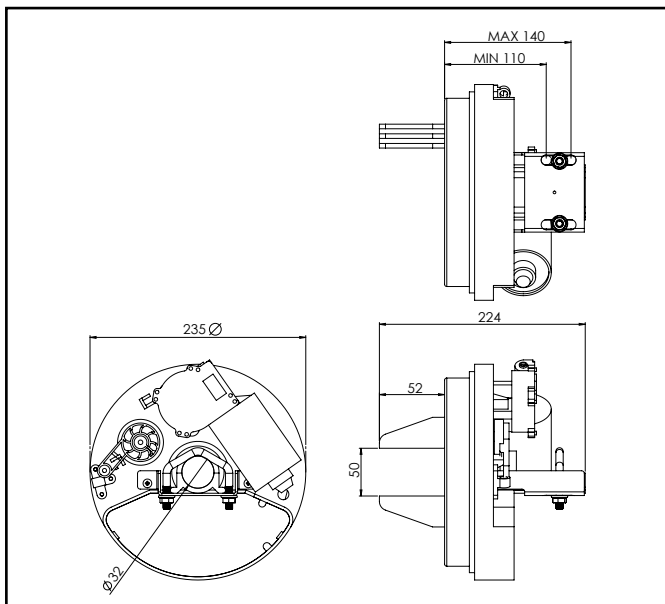
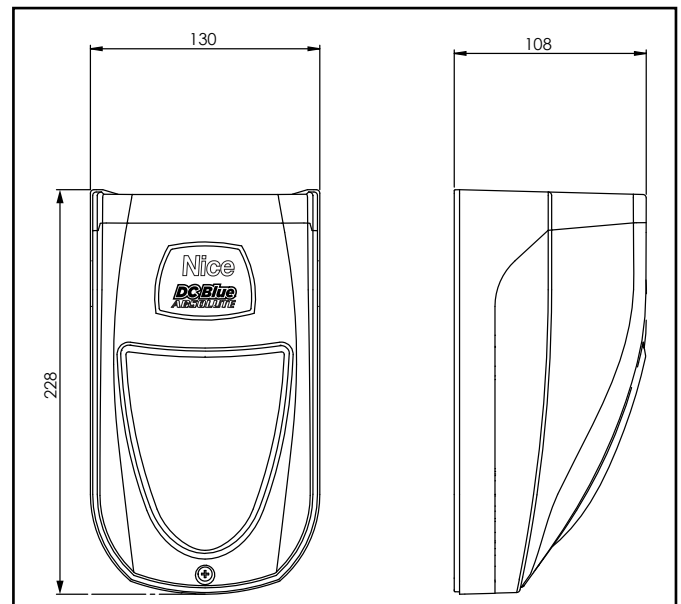


Diagram number	Description	Diagram number	Description
1	Encoder compartment.	10	Emergency release cord bobbin.
2	Geared electric motor.	11	Battery cradle.
3	Torsion bar mounting bracket.	12	Torroidal transformer.
4	Motor-head chasis.	13	Control card.
5	Emergency release lever.	14	Household mains supply connector with inline fuse.
6	Drum wheel engagement fork.	15	Factory fitted household mains plug.
7	Drum wheel.	16	Product model decal.
8	Motor and encoder wiring cable.	17	Control box cover with intergrated light diffuser.
9	Emergency release instructions label.	18	Control box cover mounting screw.

Motor Head

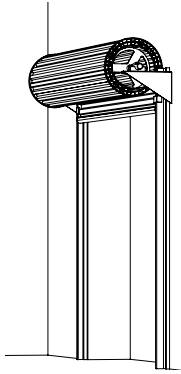


Control Box with batteries installed



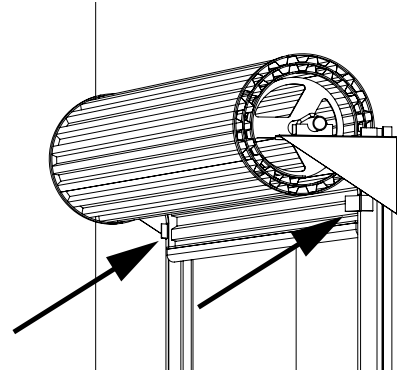
Fitting the motorhead.

1



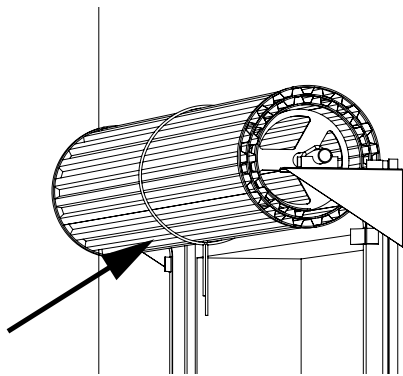
Open door fully.

2



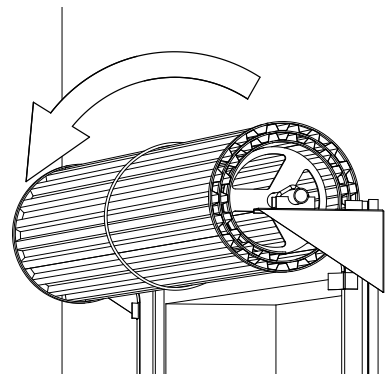
Remove open stops.

3



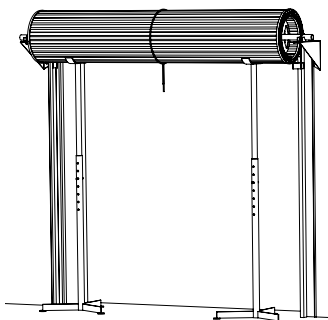
Carefully feed the curtain out of the guide tracks and allow the door to roll up fully. Using a rope or strap, tie the door up.

4



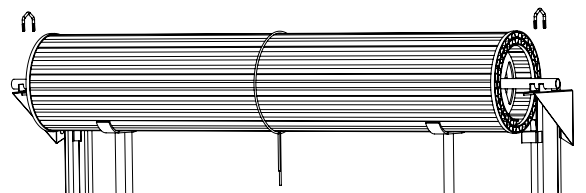
Carefully allow the door tension to unroll. Count the number of turns as you do this.

5



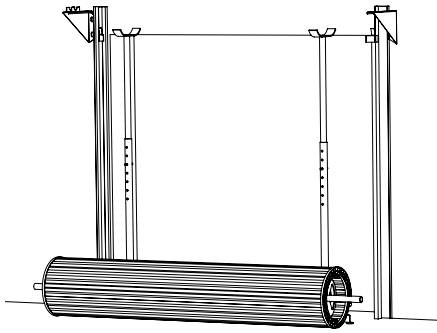
Install support stands under the door.

6



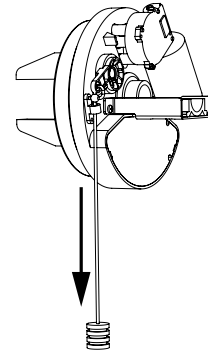
Remove the U-bolt clamps on both wall brackets.

7



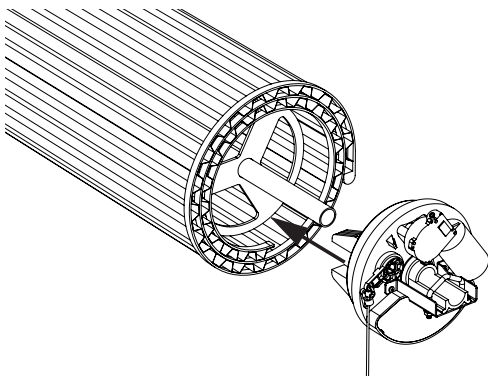
Lower door onto the floor.

8



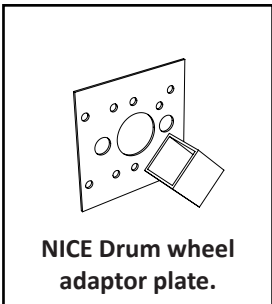
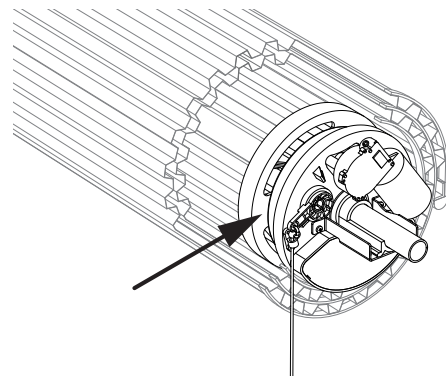
Put motorhead into manual mode.

9



Slide motorhead over the torsion pole.

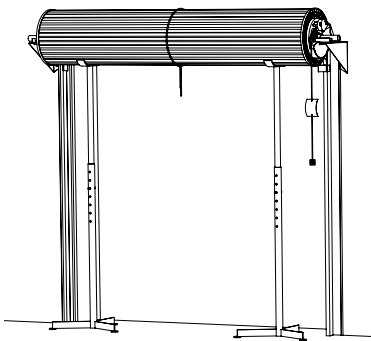
10



NICE Drum wheel adaptor plate.

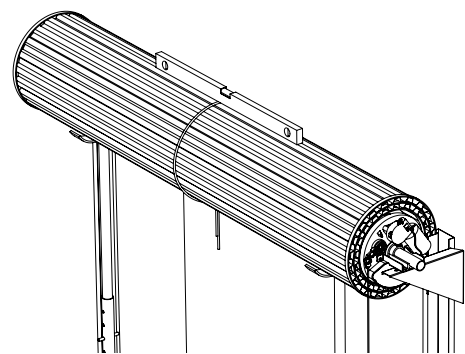
Confirm the door's drum wheel spoke is all the way against the surface of the motor head drum wheel. Use a Nice drum wheel adaptor plate if the fork and spoke do not fit properly.

11



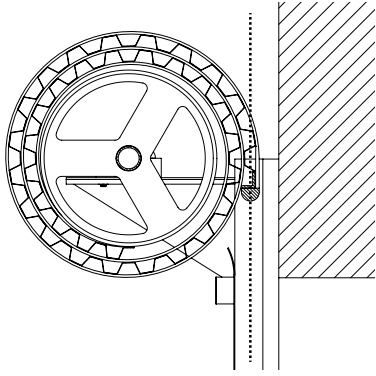
Lift door with inserted motor up onto the wall brackets. Use the axle stands to brace the door.

12



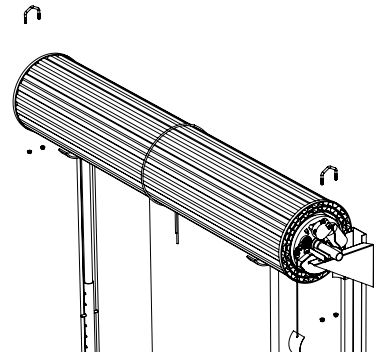
Check spacing and level. Move wall bracket if necessary.

13



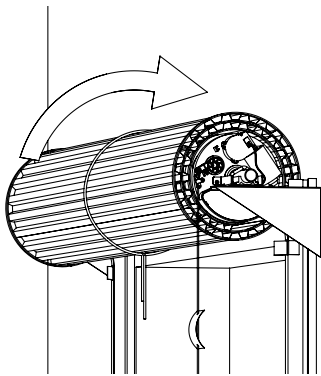
Line up the leading edge of the curtain with the top of the guide tracks.

14



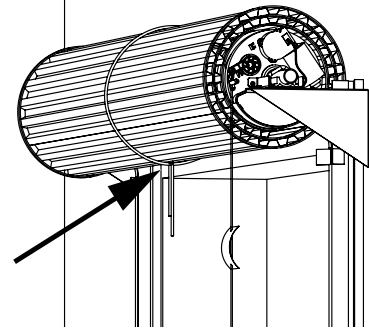
Fasten the U Bolt clamps.

15



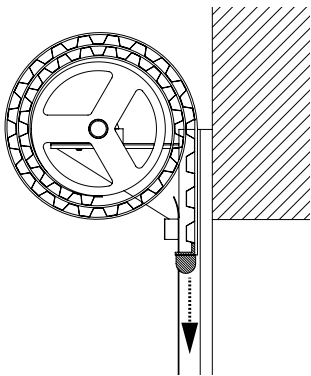
Roll the door 1 to 2 times towards the wall. Not more than two turns. This should be the same as the turns removed in step 4.

16



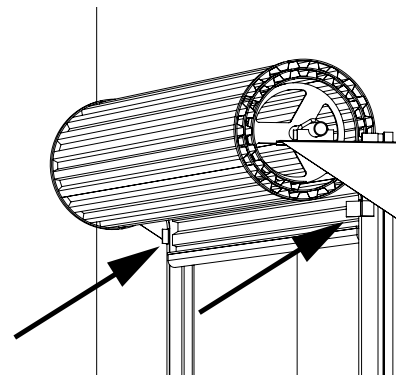
While holding the door firmly, remove the rope or strap.

17



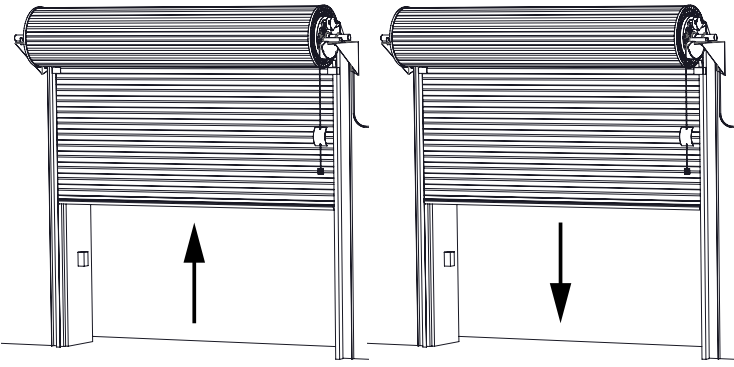
Carefully feed the leading edge of the curtain into the tops of the guide tracks.

18



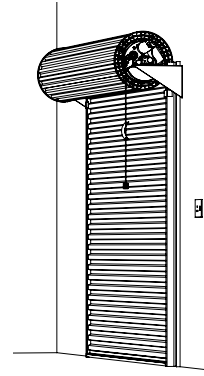
Replace the open stoppers.

19



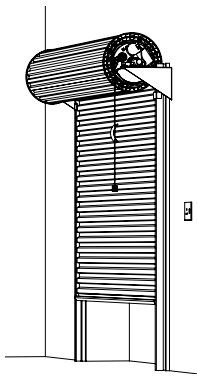
Move the door through the full length of door travel to test for snagging or coning

20



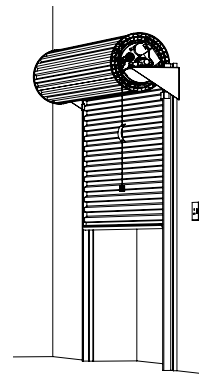
Test the door remains stationary when closed.

21



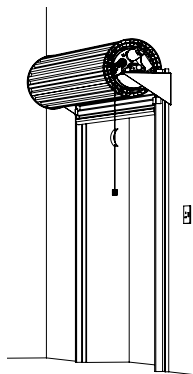
Test the door remains stationary when left at 25% open.

22



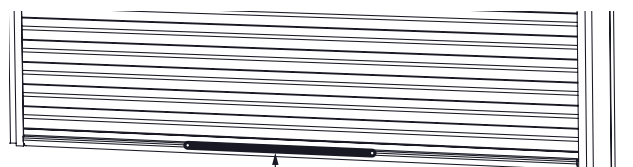
Test the door remains stationary when left at 50% open.

23



Test the door remains stationary when left fully open.

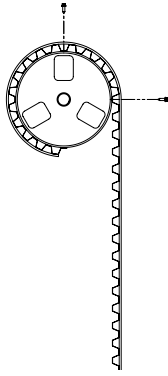
24



Weight bar centered at bottom of door.

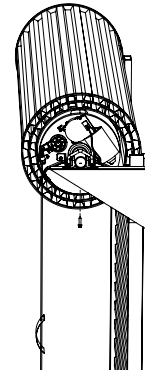
Install your weight bar at the bottom center of the curtain.

25



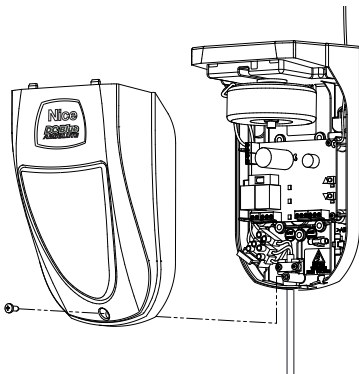
Pin curtain to the drumwheels, with pop rivets or "Tek" screws, in the closed position to prevent the door being forced open by somebody trying to break-in.

26



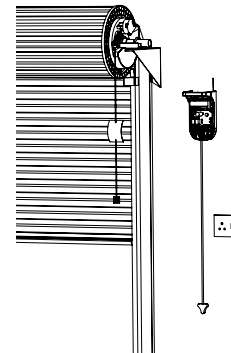
For additional support or for installations where the motorhead does not rest on top of the wall bracket, install a "Tek" screw through the motor bracket and into the torsion pipe.

27



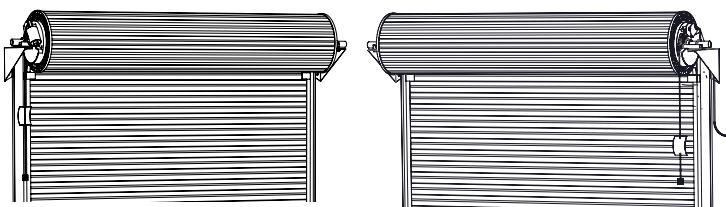
Remove the control box front cover.

28



Mount the control box on the wall within reach of the motorhead lead. There is a 1:1 scale mounting hole template included in the kit.

29

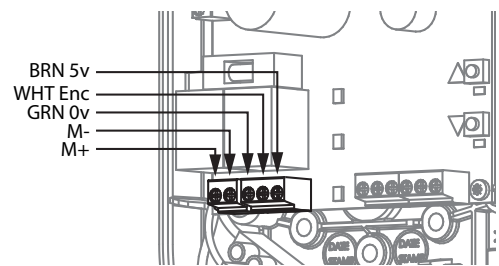


Left hand fit -
Red - M+
Yellow - M-

Right hand fit -
Red - M-
Yellow - M+

Wire the motor wires to the control card.

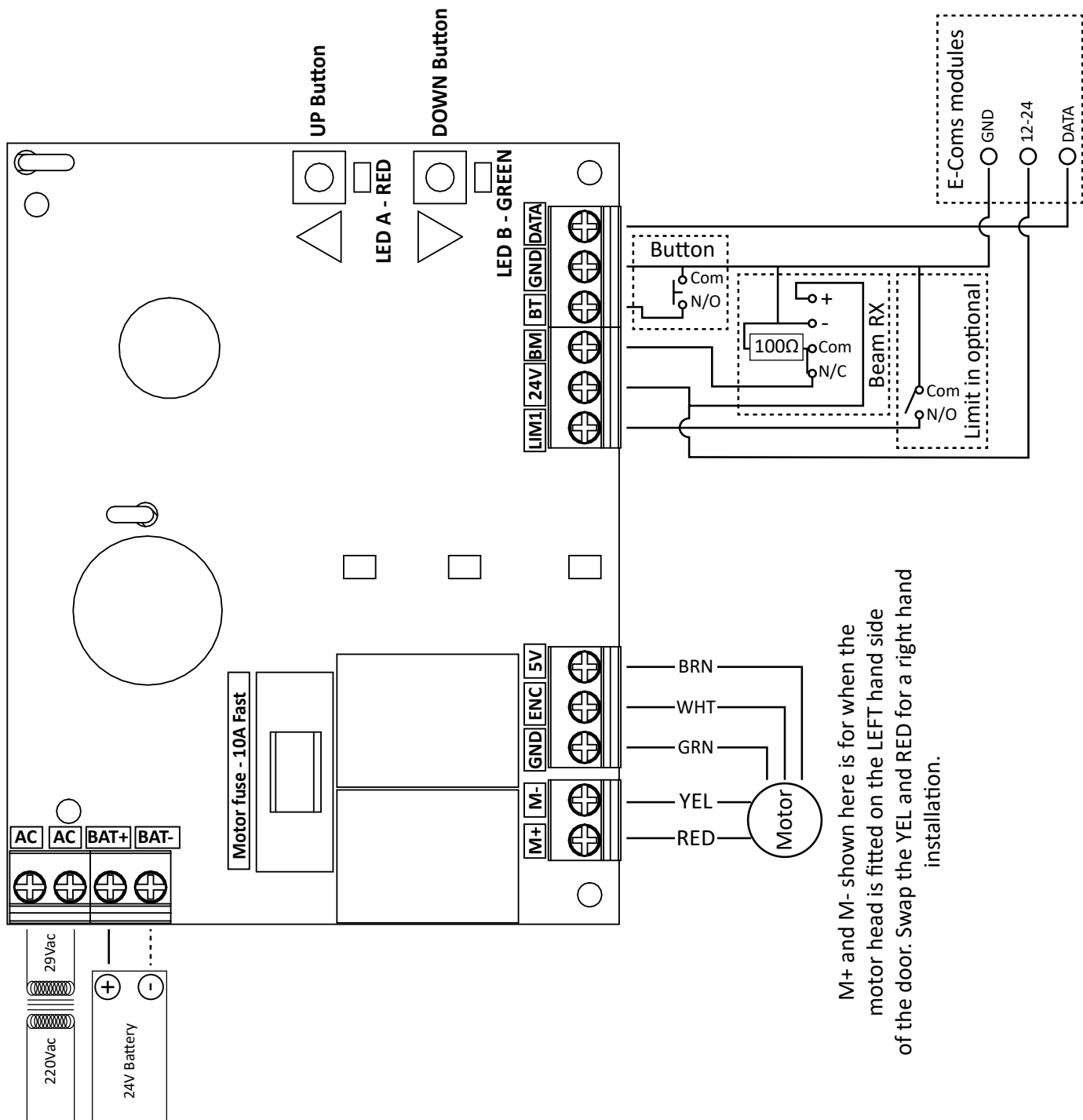
30



Green - 0V
Brown - 5V
White - ENC

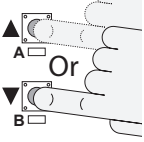
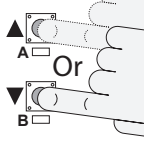
Wire encoder wires to control card.

Control card wiring.

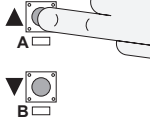
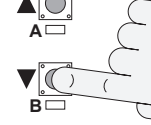
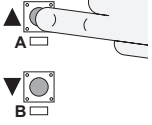
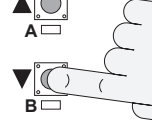
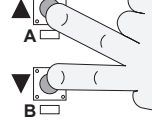
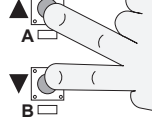


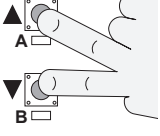
M+ and M- shown here is for when the motor head is fitted on the LEFT hand side of the door. Swap the YEL and RED for a right hand installation.

Using the buttons when in standby mode: (Installer actions)

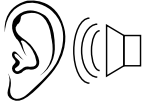
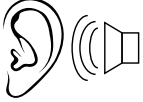
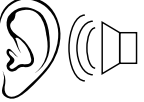
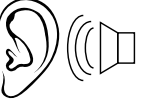
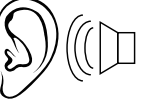
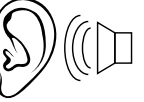
Trigger to run	Stop the door
	
Press release either button	Press release either button

Using the buttons when in programming mode: (Installer actions)

Increase by 1	Decrease by 1	Runtime	Runtime	Select option	Save value
					
1 x Up	1 x Down	Hold Up to open	Hold Down to close	1 x Both	1 x Both

Exit programming

Hold both for 3sec

Buzzer indications: (Controller responses)

Enter Programming	Exit Programming	Scrolling	Save/select	Error	AC Fail in standby
					
2 x Long	1 x Long	1 x Rapid per press	2 x Rapid	10 x	1 x every 15sec.

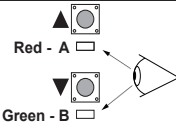
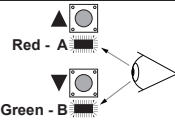
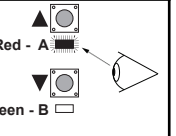
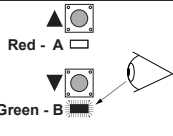
LED indications: (Controller responses)

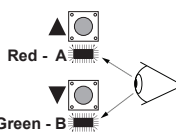
There are three LED statuses. Namely:

Static off.

Static on.

Blinking - LED blinks followed by a pause repeatedly to confirm a program option or option value.

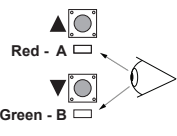
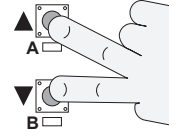


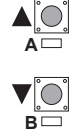
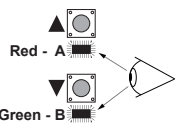
Standby	Programming	Receiver setup	Operation setup
			
Both static off	Both static on	Red A blinking	Green B blinking

Option value confirmation when in B options

LED A confirms option value LED B confirms which option is selected

Programming menu, quick reference guide.

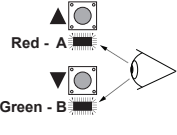
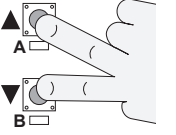


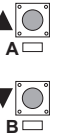
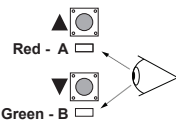
START HERE →	Programming option		Action to take		Confirmation		Data range
	Up button	Down button	Buzzer	LED A	LED B		
RX SETUP ←	A6	Master erase	Not used	6 flashes; pause; 6 flashes.....	Off	All codes in memory cleared	
	A5	Single button erase	Not used	5 flashes; pause; 5 flashes.....	Off	Only code being transmitted cleared	
	A4	HOL channel learn	Not used	4 flashes; pause; 4 flashes.....	Off	30 user memory. Each user can be allowed usage of any combination of the 4 channels.	
	A3	RLY channel learn	Not used	3 flashes; pause; 3 flashes.....	Off		
	A2	LT channel learn	Not used	2 flashes; pause; 2 flashes.....	Off		
	A1	BT channel learn	Not used	1 flash; pause; 1 flash.....	Off		
	Programming menu		Press + Hold	Double beep after 3 seconds	Static on		Static on
Operation Setup →	B1	Runtime setup	Press + release x 1	Flashes saved data value	1 flash; pause; 1 flash.....	Open, closed positions & load profile	
	B2	Force level setup	Press + release x 2	Flashes saved data value	2 flashes; pause; 2 flashes.....	1 (Most sensitive) - 9 (Least sensitive)	
	B3	Beam input setup	Press + release x 3	Flashes saved data value	3 flashes; pause; 3 flashes.....	Enable/disable	
	B4	Auto-close setup	Press + release x 4	Flashes saved data value	4 flashes; pause; 4 flashes.....	0 (Off) - 255 seconds.	
	B5	Positive close setup	Press + release x 5	Flashes saved data value	5 flashes; pause; 5 flashes.....	0 (Off) - 5 (Hardest)	

How to enter programming mode:

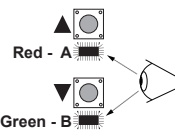
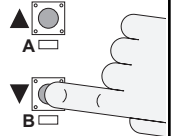
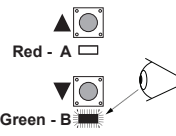
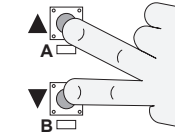

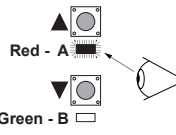
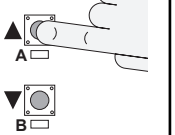

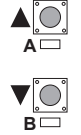

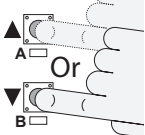
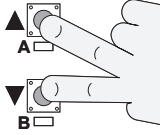
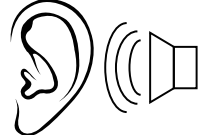
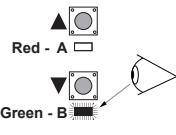
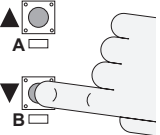

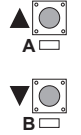
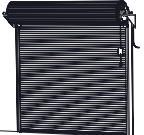
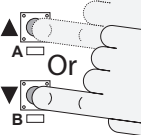
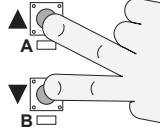
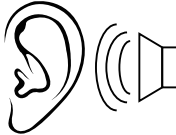
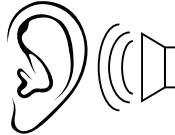
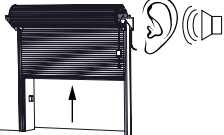
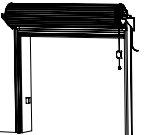
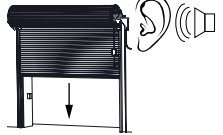


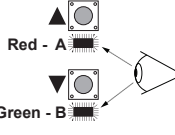
1 Confirm  Red - A Green - B	2 Action  A B	3 Action 	4 Confirm 	5 Action  A B	6 Confirm  Red - A Green - B	You have entered the programming options menu. Scroll up or down to required program option.
Standby. Both off.	Hold both	Wait 3 seconds	2 x Beeps	Release buttons	Program mode. Both on.	

How to exit programming mode:

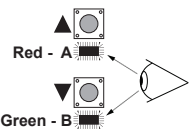
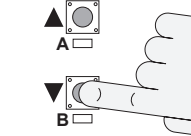
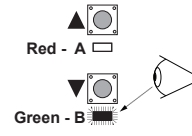
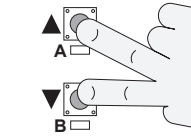

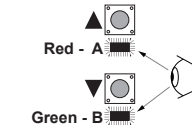
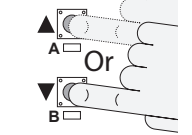
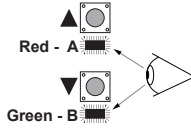
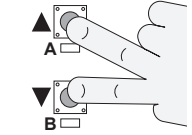
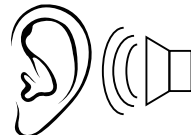
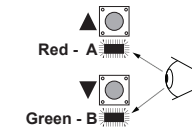
(Programming will also exit automatically 30 seconds after the last button press)

1 Confirm  Red - A Green - B	2 Action  A B	3 Action 	4 Confirm 	5 Action  A B	6 Confirm  Red - A Green - B	You have exited the programming options menu. If runtime was previously set, the door can be used normally.
Anywhere in programming	Hold both	Wait 3 seconds	1 x Beep	Release buttons	Standby. Both off.	

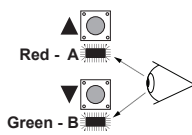
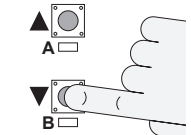
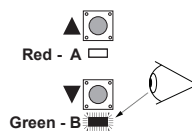
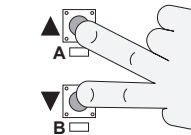
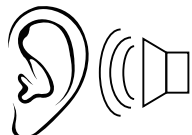
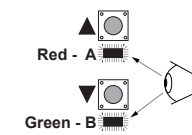
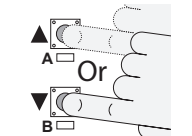
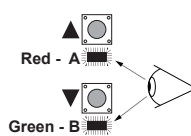
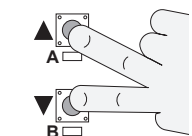
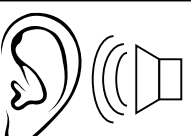
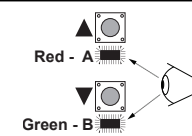
OPTION B1 - (Runtime) Learning the door travel and natural door load profile.

NB! The curtain must have the security pinning completed before commencing. Page 10 - Fig. 25	1 Confirm  Red - A Green - B	2 Action  A B	3 Confirm  Red - A Green - B	4 Action  A B	5 Confirm 
	Program mode. Both on.	1 x Down	1 Blink	Press and release to select	2 x Rapid beeps
6 Confirm	7 Action	8 Confirm	9 Action	10 Confirm	11 Action
 Red - A Green - B	 A B		 A B		 A Or B
Static on	Press and hold	Door opens	Release at open position	Door stops	Adjust if required
12 Action	13 Confirm	14 Confirm	15 Action	16 Confirm	17 Action
 A B		 Red - A Green - B	 A B		 A B
1 x Both to save position	2 x Rapid beeps	Static on	Press and hold	Door closes	Release 10mm from hard closed
18 Confirm	19 Action	20 Action	21 Confirm	22 Confirm	23 Confirm
	 A Or B	 A B			
Door stops	Adjust if required	1 x Both to save position	2 x Rapid beeps	1 x Long beep	Door opens and buzzer beeps
24 Confirm	26 Confirm	27 Confirm	30 Confirm	31 Confirm	Runtime is complete. Scroll to another programming option or exit programming.
				 Red - A Green - B	
Door stops at saved open position.	Door closes and buzzer beeps	Door stops at fully close position.	2 x Rapid beeps	Program mode. Both on.	

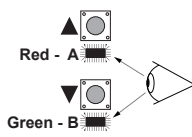
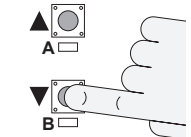
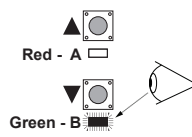
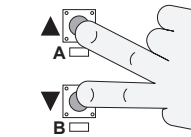
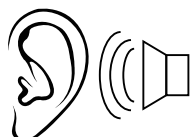
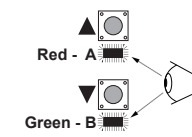
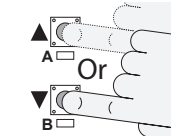
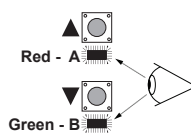
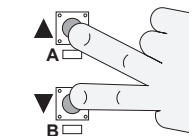
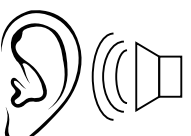
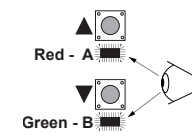
OPTION B2 - (Force) Adjusting the safety overload force sensitivity. 1 Gentle to 9 Hard (Default = 3)

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>A</p> <p>B</p> <p>2 x Down</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>2 x Blinks</p>	<p>4 Action</p>  <p>A</p> <p>B</p> <p>1 x Both to select option</p>	<p>5 Confirm</p>  <p>2 x Rapid beeps</p>	<p>6 Confirm</p>  <p>Red - A Green - B</p> <p>LED A Current level LED B 2 x Blinks</p>
<p>7 Action</p>  <p>A Or B</p> <p>Adjust if required</p>	<p>8 Confirm</p>  <p>Red - A Green - B</p> <p>LED A New level LED B 2 x Blinks</p>	<p>9 Action</p>  <p>A</p> <p>B</p> <p>1 x Both to save</p>	<p>10 Confirm</p>  <p>2 x Rapid beeps</p>	<p>11 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>The new force level is set. Scroll to another programming option or exit programming.</p>

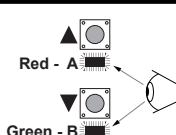
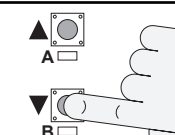
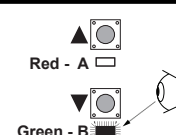
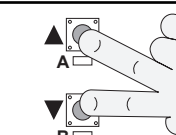

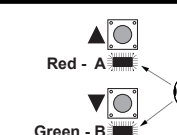
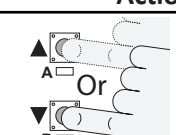
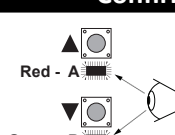
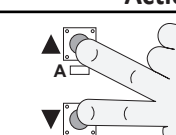

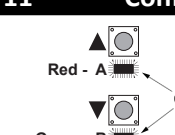
OPTION B3 - (Beams) ENABLING the safety beam input. (Default = Disabled)

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>A</p> <p>B</p> <p>3 x Down</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>3 x Blinks</p>	<p>4 Action</p>  <p>A</p> <p>B</p> <p>Press and release</p>	<p>5 Confirm</p>  <p>2 x Rapid beeps</p>	<p>6 Confirm</p>  <p>Red - A Green - B</p> <p>LED A On/off status LED B 3 x Blinks</p>
<p>7 Action</p>  <p>A Or B</p> <p>Adjust if required</p>	<p>8 Confirm</p>  <p>Red - A Green - B</p> <p>LED A New status LED B 3 x Blinks</p>	<p>9 Action</p>  <p>A</p> <p>B</p> <p>1 x Both to save</p>	<p>10 Confirm</p>  <p>2 x Rapid beeps</p>	<p>11 Confirm</p>  <p>Red - A Green - B</p> <p>Static on</p>	<p>The safety beam input is now enabled. Scroll to another programming option or exit programming.</p>

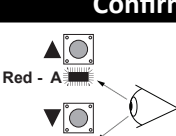
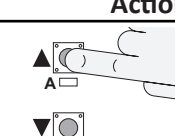
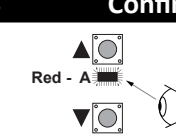
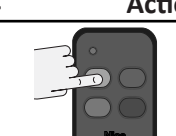
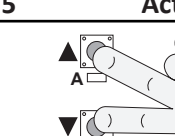


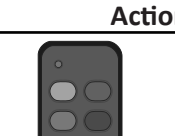
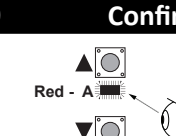
OPTION B4 - (Autoclose) ENABLING an auto-close time. NB! Auto-close is not available without beams enabled.

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>A</p> <p>B</p> <p>4 x Down</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>4 x Blinks</p>	<p>4 Action</p>  <p>A</p> <p>B</p> <p>1 x Both to select</p>	<p>5 Confirm</p>  <p>2 x Rapid beeps</p>	<p>6 Confirm</p>  <p>Red - A Green - B</p> <p>LED A On/off status LED B 4 x Blinks</p>
<p>7 Action</p>  <p>A Or B</p> <p>Adjust if required</p>	<p>8 Confirm</p>  <p>Red - A Green - B</p> <p>LED A New status LED B 4 x Blinks</p>	<p>9 Action</p>  <p>A</p> <p>B</p> <p>1 x Both to save</p>	<p>10 Confirm</p>  <p>2 x Rapid beeps</p>	<p>11 Confirm</p>  <p>Red - A Green - B</p> <p>Static on</p>	<p>The auto-close time is now enabled. Scroll to another programming option or exit programming.</p>

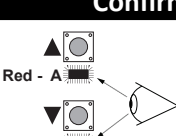
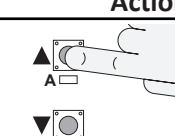
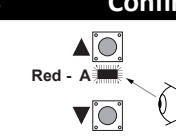
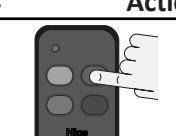
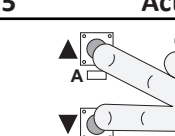


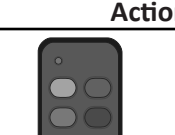
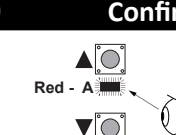
OPTION B5 - (Positive close) Changing the positive close level. (0 = Off, 1 = Gentle, 5 = Hard) Factory default = 1

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>A B</p> <p>5 x Down</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>5 x Blinks</p>	<p>4 Action</p>  <p>A B</p> <p>1 x Both to select</p>	<p>5 Confirm</p>  <p>2 x Rapid beeps</p>	<p>6 Confirm</p>  <p>Red - A Green - B</p> <p>LED A Current level LED B 5 x Blinks</p>
<p>7 Action</p>  <p>A Or B</p> <p>Adjust if required</p>	<p>8 Confirm</p>  <p>Red - A Green - B</p> <p>LED A New level LED B 5 x Blinks</p>	<p>9 Action</p>  <p>A B</p> <p>1 x Both to save</p>	<p>10 Confirm</p>  <p>2 x Rapid beeps</p>	<p>11 Confirm</p>  <p>Red - A Green - B</p> <p>Static on</p>	<p>The Positive close mode is now changed. Scroll to another programming option or exit programming.</p>

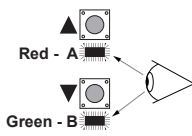
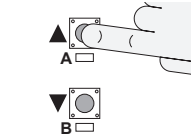
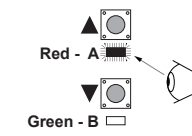
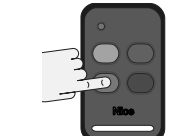
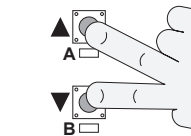


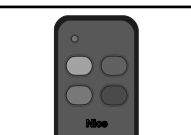
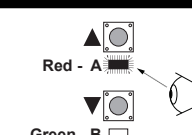
Option A1 - Receiver: Learning a transmitter user code into the Button Trigger channel.

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>A B</p> <p>1 X Up</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>1 x Blink</p>	<p>4 Action</p>  <p>Press and hold desired channel</p>	<p>5 Action</p>  <p>A B</p> <p>1 X Both to save</p>	<p>6 Confirm</p>  <p>2 x rapid beeps</p>
<p>7 Confirm</p>  <p>1 = Pass. 3 = Fail</p> <p>Beeps</p>	<p>8 Action</p>  <p>Release button</p>	<p>9 Confirm</p>  <p>Red - A Green - B</p> <p>1 x Blink</p>	<p>Repeat from 4 for additional transmitters, scroll to another programming option or exit programming.</p>		

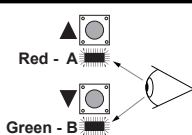
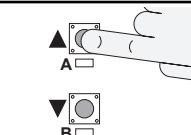
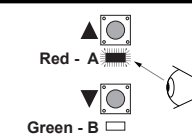
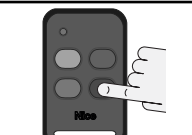
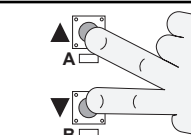



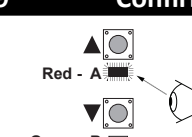
Option A2 - Receiver: Learning a transmitter user code into the Light Trigger channel.

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>A B</p> <p>2 X Up</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>2 x Blinks</p>	<p>4 Action</p>  <p>Press and hold desired channel</p>	<p>5 Action</p>  <p>A B</p> <p>1 X Both to save</p>	<p>6 Confirm</p>  <p>2 x rapid beeps</p>
<p>7 Confirm</p>  <p>1 = Pass. 3 = Fail</p> <p>Beeps</p>	<p>8 Action</p>  <p>Release button</p>	<p>9 Confirm</p>  <p>Red - A Green - B</p> <p>2 x Blinks</p>	<p>Repeat from 4 for additional transmitters, scroll to another programming option or exit programming.</p>		

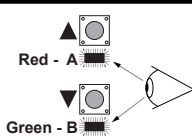
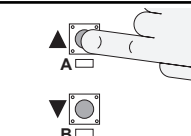
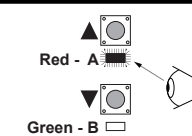
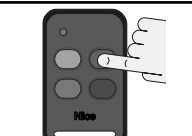
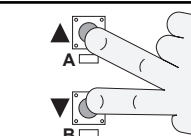


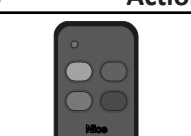
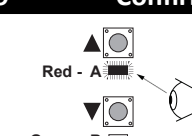
Option A3 - Receiver: Learning a transmitter user code into the Auxiliary Relay channel. (Requires E-coms relay)

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>3 X Up</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>3 x Blinks</p>	<p>4 Action</p>  <p>Press and hold desired channel</p>	<p>5 Action</p>  <p>1 X Both to save</p>	<p>6 Confirm</p>  <p>2 x rapid beeps</p>
<p>7 Confirm</p>  <p>1 = Pass. 3 = Fail</p> <p>Beeps</p>	<p>8 Action</p>  <p>Release button</p>	<p>9 Confirm</p>  <p>Red - A Green - B</p> <p>3 x Blinks</p>	<p>Repeat from 4 for additional transmitters, scroll to another programming option or exit programming.</p>		

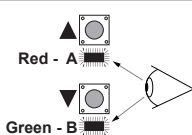
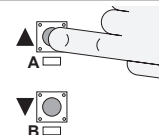
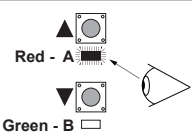
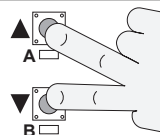
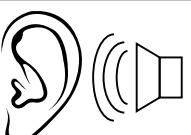
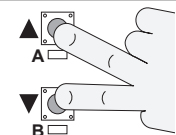



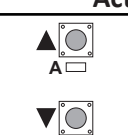

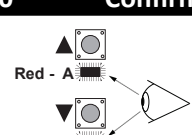
Option A4 - Receiver: Learning a transmitter user code into the Holiday Lock-out channel.

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>4 X Up</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>4 x Blinks</p>	<p>4 Action</p>  <p>Press and hold desired channel</p>	<p>5 Action</p>  <p>1 X Both to save</p>	<p>6 Confirm</p>  <p>2 x rapid beeps</p>
<p>7 Confirm</p>  <p>1 = Pass. 3 = Fail</p> <p>Beeps</p>	<p>8 Action</p>  <p>Release button</p>	<p>9 Confirm</p>  <p>Red - A Green - B</p> <p>4 x Blinks</p>	<p>Repeat from 4 for additional transmitters, scroll to another programming option or exit programming.</p>		

Option A5 - Receiver: Erasing a single user code. The transmitter must be present.

<p>1 Confirm</p>  <p>Red - A Green - B</p> <p>Program mode. Both on.</p>	<p>2 Action</p>  <p>5 X Up</p>	<p>3 Confirm</p>  <p>Red - A Green - B</p> <p>5 x Blinks</p>	<p>4 Action</p>  <p>Press and hold desired channel</p>	<p>5 Action</p>  <p>1 X Both to save</p>	<p>6 Confirm</p>  <p>2 x rapid beeps</p>
<p>7 Confirm</p>  <p>1 = Pass. 3 = Fail</p> <p>Beeps</p>	<p>8 Action</p>  <p>Release button</p>	<p>9 Confirm</p>  <p>Red - A Green - B</p> <p>5 x Blinks</p>	<p>Repeat from 4 for additional transmitters, scroll to another programming option or exit programming.</p>		

Option A6 - Receiver: Master erasing the receiver memory. This does not effect any of the B option values.

1	Confirm	2	Action	3	Confirm	4	Action	5	Confirm	6	Action
											
Program mode. Both on.		6 x Up		6 x Blinks		1 X Both to save		2 x rapid beeps		Hold both	
7	Confirm	8	Confirm	9	Confirm	10	Action	11	Confirm	10	Confirm
											
On/off beeping. Erase can be aborted by releasing buttons.		Beeping stops as erase occurs		1 x long beep as erase finishes		Release buttons		2 x rapid beeps		Program mode. Both on.	

Receiver master erase is complete. Scroll to another programming option or exit programming.

Trouble shooting guide

Input	Response					Reason	Remedial action
	User action	Door	Buzzer	Courtesy light	Red LED		
Trigger door	Runs normally	1 x 0,5 sec beep, followed by 15 sec pause (Repeats for 5 min)	On	N/A	N/A	AC Fail	<ul style="list-style-type: none"> Ensure household mains is connected and switched on. Check the household mains fuse. (Item 14. Page 15)"
Trigger door	Does runs and stops without reaching the end of travel	1 x 1 sec beep after brown-out control	Off	N/A	N/A	Battery Fail	<ul style="list-style-type: none"> Allow battery to recharge fully for 8 - 10 hours. Replace the fatigued battery. If in an area that is subjected to regular mains fail events, consider installing a Nice LiFePO4 battery.
Trigger door	Does not run at all	20 x 0,5 sec beeps	On	N/A	N/A	Gearbox disengaged, 10A fuse fused or motor disconnected	<ul style="list-style-type: none"> Re-engage gearbox by pulling down on the manual release cord once. Check the motor wiring termination. (Page 11) Check the 10A motor fuse with a multi-meter. (Page 11)
Trigger door	Does not run at all	20 x 0,5 sec beeps	20 x 0,5 sec flashes	Repeating 1sec on, 1 sec off.	Repeating 1sec on, 1 sec off.	FET Blown	<ul style="list-style-type: none"> Return the control card to any Nice Group South Africa (Pty) Ltd. service centre.
Trigger door	Does not run closed	5 x 0.5 sec beeps	5 x 0,5 sec flashes	N/A	N/A	Party mode active	<ul style="list-style-type: none"> De-activate Party mode using a remote control that is programmed into the HOL and BT channels. (A1 - Page 16 and A4 - Page 17)
Trigger door	Does not run open	5 x 0.5 sec beeps	5 x 0,5 sec flashes	N/A	N/A	Holiday Lock-out Active	<ul style="list-style-type: none"> De-activate Holiday Lock-out using a remote control that is programmed into the HOL and BT channels. (A1 - Page 16 and A4 - Page 17)

Input	Response					Reason	Remedial action
User action	Door	Buzzer	Courtesy light	Red LED	Green LED		
Trigger door	Runs , stops and reverses momentarily	1 x 0,5 sec beep	On	N/A	N/A	Door physically hindered/ obstructed (Opening)	<ul style="list-style-type: none"> Remove obstruction and ensure door moves freely by hand, without binding. Adjust safety overload force sensitivity level. (B2 - Page 15"
Trigger door	Runs , stops and runs back to fully open	1 x 0,5 sec beep	On	N/A	N/A	Door physically hindered/ obstructed (Closing)	<ul style="list-style-type: none"> Remove obstruction and ensure door moves freely by hand, without binding. Adjust safety overload force sensitivity level. (B2 - Page 15)"
Trigger door	Does not run closed	None	None	N/A	N/A	Safety beam input triggered	<ul style="list-style-type: none"> Remove object that is obstructing the safety beams. Check that safety beam installation is sound. "

Warranty.

- All goods manufactured by Nice Group South Africa (Pty) Ltd carry a 12 (twelve) month factory warranty from date of invoice. (In some cases a product might carry an extended warranty from time to time. Please check with Nice Group South Africa (Pty) Ltd directly or with your service/provider installer, for any extended warranty promotions that might apply to this product).
- All goods are warranted to be free of faulty components and manufacturing defects.
- Faulty goods will be repaired or replaced at the sole discretion of Nice Group South Africa (Pty) Ltd free of charge. Within the warranty period.
- This warranty is subject to the goods being returned to the premises of Nice Group South Africa (Pty) Ltd.
- The carriage of goods is for the customer's account.
- This warranty is only valid if the correct installation and application of goods, as laid out in the applicable documentation accompanying said goods, is adhered to.
- All warranty claims must be accompanied by the original invoice.
- All claims made by the end user must be directed to their respective service provider/installer.

The following conditions will disqualify this product from the warranty as laid out above. These conditions are non-negotiable.

- Any unauthorized non-manufacturer modifications to the product or components thereof.
- Any modification to the installation methods described in the installation instructions.
- Any application or use of the product other than the intended use and application described in the product documentation.

The following items are not included in the warranty or they carry a special warranty condition of their own.

- The motor brushes.
- Damage resultant of wind and other climatic influences such as lightning strikes.
- Damage due to high voltage surges on the household mains or short circuiting of the gates to the electric fencing.
- Damage due to infestation i.e. Ants nesting...
- Water damage. It is the responsibility of the installer to ensure the product is installed in a location that is protected from water ingress. The ingress protection rating is specified in the accompanying documentation. Housings that require that cable entries are made by the installer do not carry an ex-factory ingress protection rating as it is the responsibility of the installer to seal the cable entry points after installation of the cabling.
- Damage due to running off an inverter with "dirty" output. For example output components other than 50Hz including DC elements.
- All Nice batteries carry their own specific warranties. Please request the specific warranty for the battery type used in your installation.