


⚡ | ELECTRIC

THE **BRADLEY**
COLLECTION

 **SilentGliss**
TECHNICAL GUIDE

TECHNICAL GUIDE

This technical guide was designed to be used along side one of our the ⚡ | Electric collections specification guides.

If any questions arise please call your local sales representative or contact The Bradley Collection directly.



Electrical installations must be carried out by qualified professionals. In line with the relevant wiring diagrams and conform to local regulations.

Track Configurations Page 3-7

PROFILE Page 4

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HAND DRAWN Page 7

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Controls Page 20-24

Poles are manufactured to suit individual requirements. When calculating the length of your pole, remember to allow tolerance beyond the width of the frame for the curtains to draw back to the edge of the window.

Poles exceeding the recommended maximum distance between brackets, will be cut into equal parts unless otherwise specified. Pole joiners will be supplied. Joining brackets should be placed at every join.



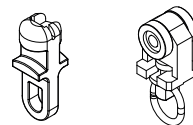
Motor Type	Maximum System Length - Single Stack →	Maximum System Length - Pair Stack →←
Glider/Wave - Glider	2900mm (9'6")	6000mm (20')
Roller/Wave - Roller	15000mm (49')*	15000mm (49')*

HAND DRAWN

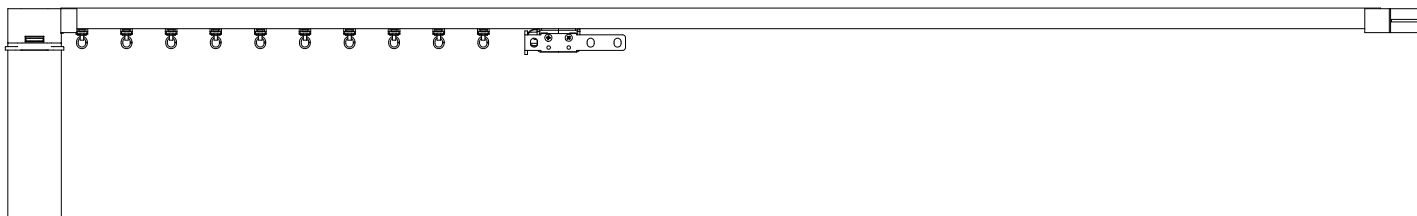
For windows or double treatments where motorisation is not required, hand drawn option are available.

GLIDERS & ROLLERS

Systems ordered with Standard Gliders & Rollers will be supplied as per the diagrams below.

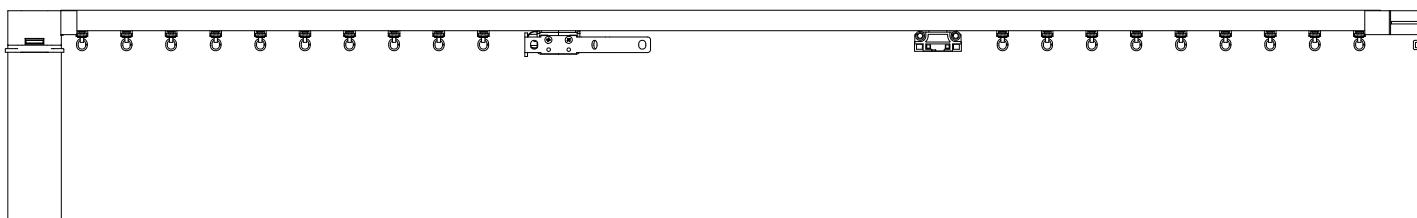


SINGLE STACK →



Supplied with 1x Overlap Arm. (SG 10820)

PAIR STACK →←



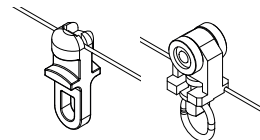
Supplied with 2x Overlap Arm (SG 10821). 1x Return Hook (SG 10836).



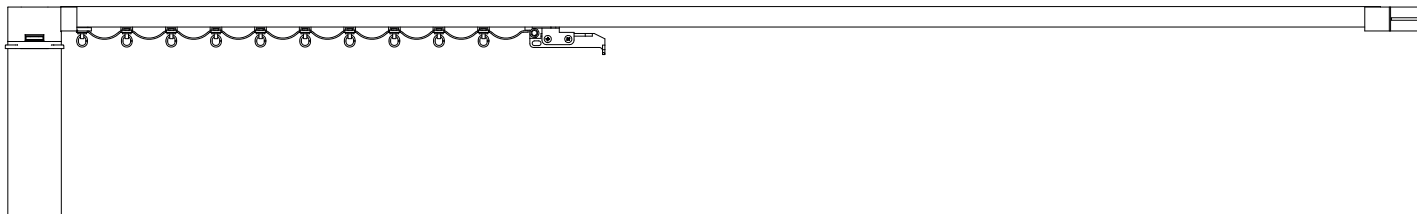
For Specification info on Overlap arms and Hook Points see page13.

WAVE® GLIDERS & ROLLERS

Systems ordered with Wave Gliders & Rollers will be supplied as per the diagrams below.



SINGLE STACK →



Supplied with 1x Wave Enhancement Arm (SG10845).

PAIR STACK →←



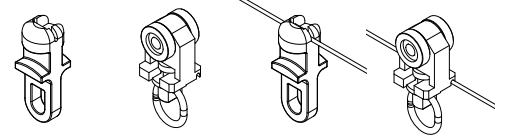
Supplied with 2x Wave Enhancement Arm. (SG10856 - SG10856 - SG10887)



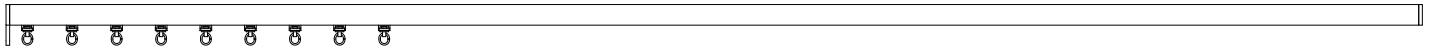
For Specification info on Overlap arms and Hook Points see page14.

GLIDERS, ROLLERS, WAVE® GLIDERS & ROLLERS

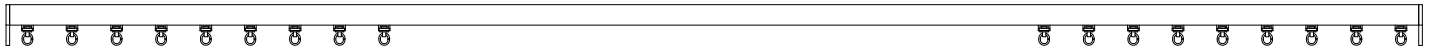
Systems ordered with Gliders, Rollers, Wave Gliders & Rollers will be supplied as per the diagrams below.



SINGLE STACK →



PAIR STACK →←



For Specification info on Overlap arms and Hook Points see page 14.

STACKING OPTIONS

With electric systems stacking options are configured at the point of assembly, so must be specified when ordering.

Single or pair stack Wave curtain stacking must be specified when ordering as this will affect the number of gliders/rollers installed into the pole.

SINGLE STACK

On single stack systems the motor is always positioned on the stacking side. Allowing the motor to be hidden behind the curtain.



PAIR STACK

Double stack curtains can have the motor positioned at either end of the pole.



STACK SIZES

This is the area where the curtains hang against the wall when they are pulled open. by covering the wall and not the glass, during the day, it allows more light into the room. Allow approximately 30% of the length of the track for curtain stacking. very full curtains (e.g. pencil pleat) will need more space than flatter ones. lined and interlined curtains will also require more stacking space than unlined.

SINGLE STACK →



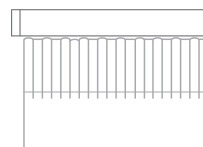
PAIR STACK →←



Standard headings have variable fullness but an average of 1.5 x pole width can be expected. Pinch pleats are created by several methods (hand sewn, automatic pleating tape, metal 4-prong hooks). Average fullness is around 2.0 x pole width. When properly pleated up, pencil pleat headings can use up to 2.5 x pole width from heavy curtains and as much as 3.0 x pole width for nets.

It should be noted that from an efficiency point of view standard headings and pinch pleats are greatly to be preferred. Pencil pleats stack back with much greater difficulty and cause friction.

**STANDARD
FULLNESS 1.5**



**Pinch Pleat
Fullness 2.0**



GLIDERS

Glidens are suitable for most installations.
one glider is specified for every 100mm (4").



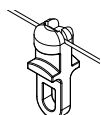
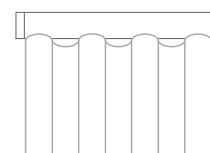
ROLLERS

Rollers are preferred for heavy drapery.
one roller is specified for every 100mm (4").

WAVE HEADING

Wave is a simple S folded heading system consisting of gliders spaced by a cord and a special pocketed header tape that is sewn onto a flat panel curtain. When assembled in the pole, the gliders/rollers on the cord are spaced at spacings shown below and this fixes the 'pitch' of the Wave. The flat panel curtain(s) are made in the conventional way with the pocketed Wave header tape sewn to the header. Hooks are fitted to header tape at a set spacing creating the Wave effect

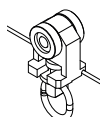
WAVE®



WAVE® GLIDERS

80mm (3 1/8") spacing between the gliders.

Glider-Cord Spacing	Curtain Hook Spacing	Approx. Curtain Fullness	Stack Depth per 1M (39 3/8") of pole	Min Bracket Projection
80mm (3 1/8")	160mm (6 5/16")	2.3	180mm (7 1/16")	100mm (4")



WAVE® ROLLERS

80mm (3 1/8") spacing between the rollers

Roller-Cord Spacing	Curtain Hook Spacing	Approx. Curtain Fullness	Stack Depth per 1M (39 3/8") of pole	Min Bracket Projection
80mm (3 1/8")	160mm (6 5/16")	2.3	180mm (7 1/16")	100mm (4")

WAVE FABRIC SUITABILITY

There is no standard test that will indicate whether a fabric is suitable for Wave. However, experience suggests it is normally suitable for:

✓ Voiles • Lined cotton • Interlined Silk • Blackout lining

The soft curves of Wave do not lend themselves to:

✗ Stiff fabrics • Heavy embroidery • Irregular vertical stripes • Metallic threads

Different types of fabric have widely differing weights. The type of curtain heading used (see below) will determine the fullness of the fabric used: this can be anything from 1.5 x the width of the pole to 3.0 x pole width.

The chart below assumes 100% fullness (2.0 x width of the pole) the weights are very approx and can vary for many reasons. Always check the expected and final total curtain weight with the curtain maker. Based on 1200mm (48") fabric width

Curtain Type	Width↓ /Drop→	1m (3.5')	2m (7')	3m (10.5')	4m (14')	5m (16.5')	6m (20')
Print Cotton (Light)	1m (3.5')	0.8kg (1.8lb)	1.7kg (3.7lb)	2.5kg (5.5lb)	3.4kg (7.4lb)	4.2kg (9.2lb)	5.0kg (11.1lb)
	2m (7')	1.3kg (2.8lb)	2.5kg (5.5lb)	3.8kg (8.3lb)	5kg (11.1lb)	6.3kg (13.9lb)	7.6kg (16.6lb)
	3m (10')	1.7kg (3.7lb)	3.4kg (7.4lb)	5kg (11.1lb)	6.7kg (14.8lb)	8.4kg (18.5lb)	10kg (22lb)
Linen (Medium)	1m (3.5')	1.1kg (2.3lb)	2.1kg (4.6lb)	3.2kg (6.9lb)	4.2kg (9.2lb)	5.3kg (11.6lb)	6.3kg (13.9lb)
	2m (7')	1.6kg (3.5lb)	3.2kg (6.9lb)	4.7kg (10.4lb)	6.3kg (13.9lb)	7.9kg (17.3lb)	9.5kg (20.8lb)
	3m (10')	2.1kg (4.6lb)	4.2kg (9.2lb)	6.3kg (13.9lb)	8.4kg (18.5lb)	10.5kg (23.1lb)	12.6kg (27.7lb)
Velvet (Heavy)	1m (3.5')	1.5kg (3.2lb)	3.2kg (6.5lb)	4.4kg (9.7lb)	5.9kg (12.9lb)	7.4kg (16.2lb)	8.8kg (19.4lb)
	2m (7')	2.2kg (4.9lb)	4.4kg (9.7lb)	6.7kg (12.6lb)	8.8kg (19.4lb)	11kg (24.3lb)	13.2kg (22lb)
	3m (10')	2.9kg (6.5lb)	5.9kg (12.9lb)	8.8kg (19.4lb)	11.8kg (26lb)	14.7kg (32.2lb)	17.6kg (39lb)

Maximum weight recommendations for all standard curtain types using gliders & roller are defined to ensure safe and proper function of the electric system. These must be adhered to. See table below for details of all options.

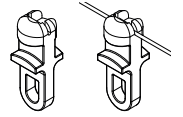


Bends will considerably reduce the load bearing capability of any system.

GLIDERS & WAVE® GLIDERS

Gliders One glider is specified for every 100mm (4").

Wave Gliders 80mm (3 1/8") spacing between the gliders.

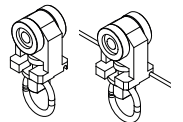


System Width Single Stack → / Pair Stack →←	Straight	1 Bend Bay	2 Bend Bay	4 Bend Bay	Curved Bay
2m (6.5')	20kg (44lb)	20kg (44lb)	20kg (44lb)	n/a*	20kg
4m (13')	25kg (55lb)	20kg (44lb)	20kg (44lb)	n/a*	20kg
6m (19.5')	25kg (55lb)	20kg (44lb)	20kg (44lb)	n/a*	15kg (33lb)
8m (26')	25kg (55lb)	20kg (44lb)	15kg (33lb)	n/a*	8kg (17.5lb)
10m (33')	20kg (44lb)	15kg (33lb)	10kg (22lb)	n/a*	—

ROLLERS & WAVE® ROLLERS

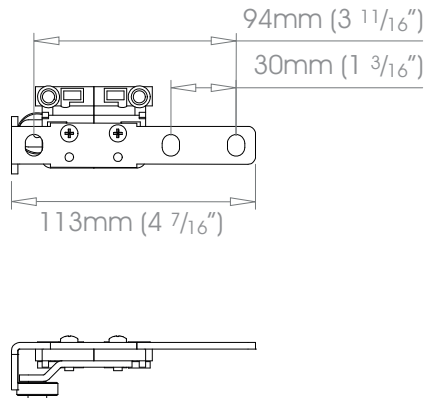
Rollers One roller is specified for every 100mm (4").

Wave Rollers 80mm (3 1/8") spacing between the rollers.



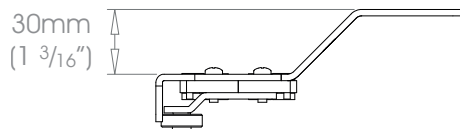
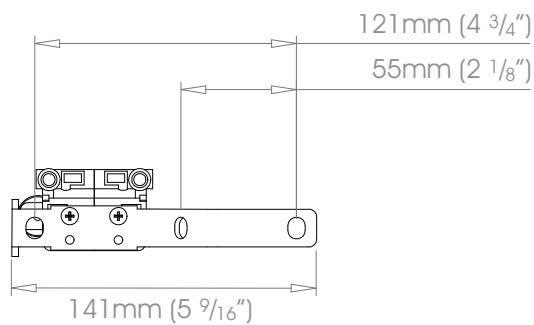
System Width Single Stack → / Pair Stack →←	Straight	1 Bend Bay	2 Bend Bay	4 Bend Bay	Curved Bay
2m (6.5')	25kg (55lb)	25kg (55lb)	25kg (55lb)	n/a*	20kg (44lb)
4m (13')	45kg (99lb)	35kg (77lb)	30kg (66lb)	n/a*	20kg (44lb)
6m (19.5')	45kg (99lb)	35kg (77lb)	30kg (66lb)	n/a*	20kg (44lb)
8m (26')	50kg (110lb)	40kg (88lb)	30kg (66lb)	n/a*	18kg (20lb)
10m (33')	65kg (143lb)	35kg (77lb)	25kg (55lb)	n/a*	16kg (35lb)
12m	45kg (99lb)	35kg (77lb)	25kg (55lb)	n/a*	12kg (26lb)
15m	45kg (99lb)	35kg (77lb)	22kg (48lb)	n/a*	10kg (22lb)
18m	45kg (99lb)	32kg (70lb)	19kg (42lb)	n/a*	—
21m	45kg (99lb)	29kg (64lb)	15kg (33lb)	n/a*	—
55m	40kg (88lb)	25kg (55lb)	—	—	—

Single Stack → Overlap Arm (SG 10820)

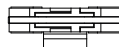
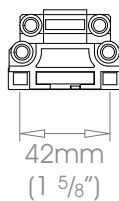


Supplied on single stack systems
with Gliders or Rollers

Motor Side Pair Stack → ← Overlap Arm (SG 10821)

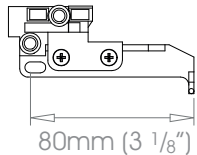


Return Side Overlap Arm (SG 10836)



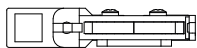
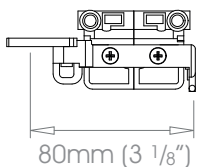
Supplied on pair stack systems
with Gliders or Rollers

Single Stack → Wave Carrier (SG 10845)



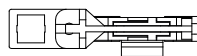
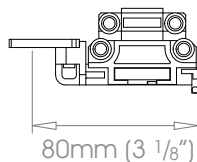
Supplied on single stack systems
with Wave Gliders or Rollers

Motor Side Pair Stack →← Wave Extension (SG 10886)

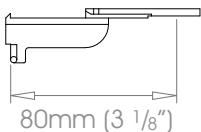


Supplied on pair stack systems
with Wave Gliders or Rollers

Return Side Wave Extension (SG 10876)



Return End Wave Extension (SG 10856)



Supplied on pair stack systems
with Wave Gliders or Rollers

⚡ | SILENT GLISS 5600

MOTORS

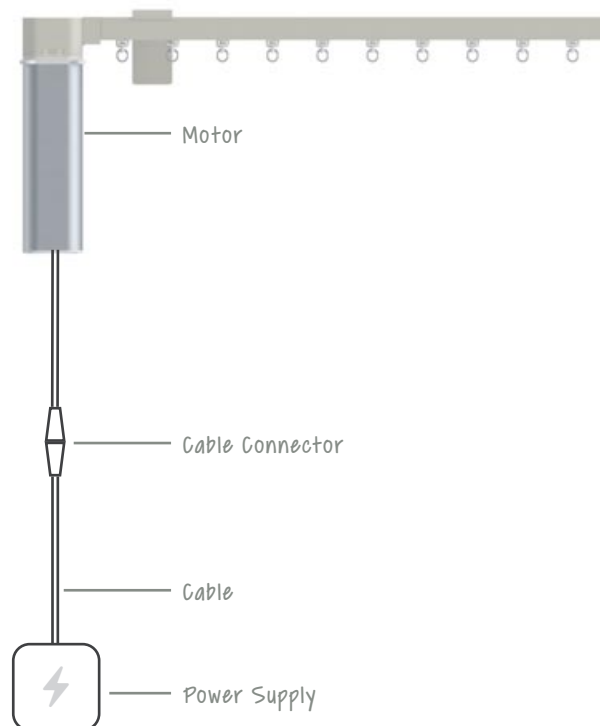
⚡ | SILENT GLISS 5600

MOTOR POSITIONING

Mains powered motor's needs to be positioned on same side of the window as the power supply.

Wiring diagrams are available on request

Motorised systems are unsuitable for use outdoors or in damp environments such as shower rooms and bathrooms.



LEFT HAND MOTOR



RIGHT HAND MOTOR



The motor can be rotated, allowing you flexibility when installing and hanging your drapes

The motor is held in place by a clip in the motor block, this can be removed allowing the motor to easily be detached.

MOTOR IN-LINE

This option allows the motor to run in-line with track



MOTOR PERPENDICULAR

This option allows the motor to return to the wall.

This option should be used when using Wave heading as it allows the motor to sit in the waves of the curtains and not affect how your drapes hang.

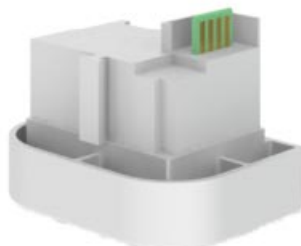


⚡ 9060 MOTOR

Size	ℓ206mm (8 ¹ / ₈ ") x w93mm (3 ³ / ₄ ") x d60mm (2 ³ / ₈ ")
Voltage	100-250v AC
Current	1.3 / 0.45 A
Noise	< 36 dBA
Speed	160 / 120 rpm
Max Length	15m (49')
Max Weight	65kg (143lb)
Control	Remote Control • Move • Smart • Low Voltage • Automation Systems
Additional Modules	9063 Radio Module • 11270 Smart Module
Colour Options	Silver • White



MOTOR FEATURES	9060 Motor	9060 Motor + 9063 Radio Module	9060 Motor + 11270 Smart Module
Two motor speeds	✓	✓	✓
Internal transformer	✓	✓	✓
Quiet operation - noise level <36dBA 300mm (1')	✓	✓	✓
Overload protection	✓	✓	✓
Easy endstop setting (manual/automatic)	✓	✓	✓
Permanent positional sensor to keep end stops	✓	✓	✓
Power failure memory	✓	✓	✓
Manual operation during power failure	✓	✓	✓
Soft start / Soft stop	✓	✓	✓
Touch a go	✓	✓	✓
CONTROL FEATURES	9060 Motor	9060 Motor + 9063 Radio Module	9060 Motor + 11270 Smart Module
Mains Power Control	✓	✓	✓
Dry Contact Control	✓	✓	✓
Remote Control (Silent Gliss Control L)	✗	✓	✗
App Control (Silent Gliss Move)	✗	✓	✗
Smart by Silent Gliss	✗	✗	✓
Common home automation systems (With suitable interface)	✓	✓	✓



SG 9063 Radio module

Function 1 channel

Frequency 868 or 915 MHz

SG 11270 Smart module

Smart Module for SG 5600 system

Works exclusively with Smart Gateway components

Features Simple "plug in" module for SG 9060 motors
Screw connector blocks

REMOTE CONTROL

Single channel remote can control one motor or a group of motors at the same time.
Multi channel remote can control multiple motors independently or grouped together.
Remote control requires a 5600 motor fitted with the radio module



APP CONTROL

Motors can be controlled by Silent Gliss Move

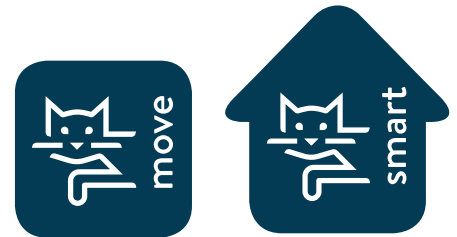
Operate your system from your smartphone, tablet, or desktop. whether you are at home or on the road, this reliable and intuitive app allows you to program automatic opening and closing times. the system can also be set for automatic sunrise and sunset programming.

Silent Gliss Move can be used independently or as a compliment to remote control options.

Move requires the Move server set, consisting of the server and transmitter stick and a 5600 motor fitted with the radio module

1 transmitter stick has 15 programmable channels.

Motors can also be integrated into the Silent Gliss Smart system allowing integrations with all major home automation systems.



AUTOMATION SYSTEMS

The system can also be integrated with all major home control systems.

This will require additional components and the system being installed & commissioned by automation specialist's

Control4

KNX

LUTRON

CRESTRON



Requires Silent Gliss 9060 motor and radio module SG 9063

Single channel remote can control one motor or a group of motors at the same time.
Multi channel remote can control multiple motors independently or grouped together.
Remote control requires a 5600 motor fitted with the radio module

10300 Single Channel Remote

Operates single system or operates one group of systems

Function 1 channel
Frequency 868 or 915 MHz
Colour White • Silver • Anthracite
Features Wall holder included

10302 Multi Channel Remote 5+1

5 channel: operates up to 5 single systems individually
5 channel: operates up to 5 groups of systems individually
1 channel: operates all systems together

Function 5+1 Channel
Frequency 868 or 915 MHz
Colour White • Silver • Anthracite
Misc Wall holder included

SG 10303 Multi Channel Remote 10+2+1

10 channel: operates up to 10 single systems individually
10 channel: operates up to 10 groups of systems individually
2 channel: combines the 10 groups into 2 groups and operates them individually
1 channel: operates all systems together

Function 10+2+1 Channel
Frequency 868MHz or 915 MHz
Colour White • Silver • Anthracite
Misc Wall holder included
Various languages
Programmable day and week, sunrise and sunset time
Holiday mode
Illuminated display
Astro times

SG 10804 Multi Channel Remote 15+5+1

15 channel: operates up to 15 single systems individually
15 channel: operates up to 15 groups of systems individually
5 channel: combines the 15 groups into 5 groups and operates them individually
1 channel: operates all systems together

Function 15+5+1 Channel
Frequency 868MHz or 915 MHz
Colour White • Silver • Anthracite
Misc Wall holder included
Various languages
Intelligent display management



⚠ **Requires Silent Gliss 9060 motor and radio module SG 9063**

Operate your system from your smartphone, tablet, or desktop. whether you are at home or on the road, this reliable and intuitive app allows you to program automatic opening and closing times. the system can also be set for automatic sunrise and sunset programming.

Silent Gliss Move can be used independently or as a compliment to remote control options.

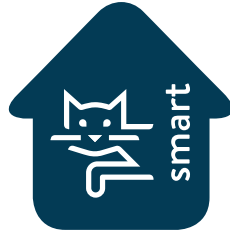
Move requires the Move server set, consisting of the server and transmitter stick and a 5600 motor fitted with the radio module
1 transmitter stick has 15 programmable channels.

Move - Server

Set Includes	Server and transmitter stick
Move Server	Server communicates between stick and router Slots for two transmitter sticks
Transmitter Stick	15 Channels Stick communicates between system and server

Move - Additional Transmitter Stick

Transmitter Stick	15 Channels Stick communicates between system and server
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Requires Silent Gliss 9060 motor and Smart module SG 11270

Open designed two-way communication system which allows to flawlessly integrate products with most major home control systems

Full two way communication between motors and control system
Works in conjunction with specific third party control systems
Precise motor control
Wide range of Silent Gliss product types

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CEDIA[®]
MEMBER

the**bradley**collection

Specialised fixings for mounting brackets will be required in certain situations and are not provided as standard. Steel items are not recommended for damp conditions such as shower rooms. Crystal finials and acrylic poles should not be positioned in direct sunlight, and are not suitable for use in conservatories. Fluid Metal items are supplied unlacquered and will tarnish over time.

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