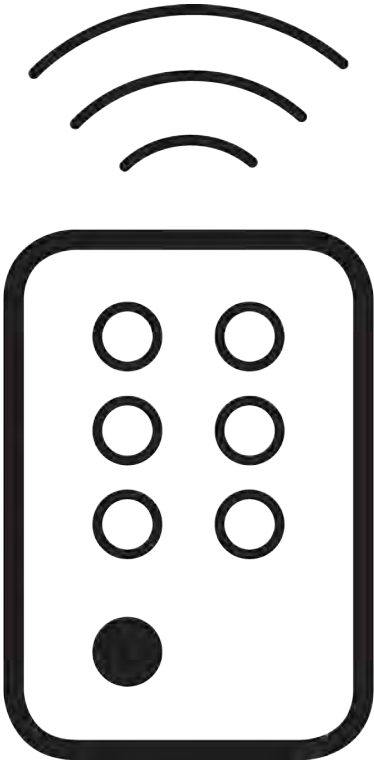


# MOTORS AND CONTROLS



# GENERAL NOTES

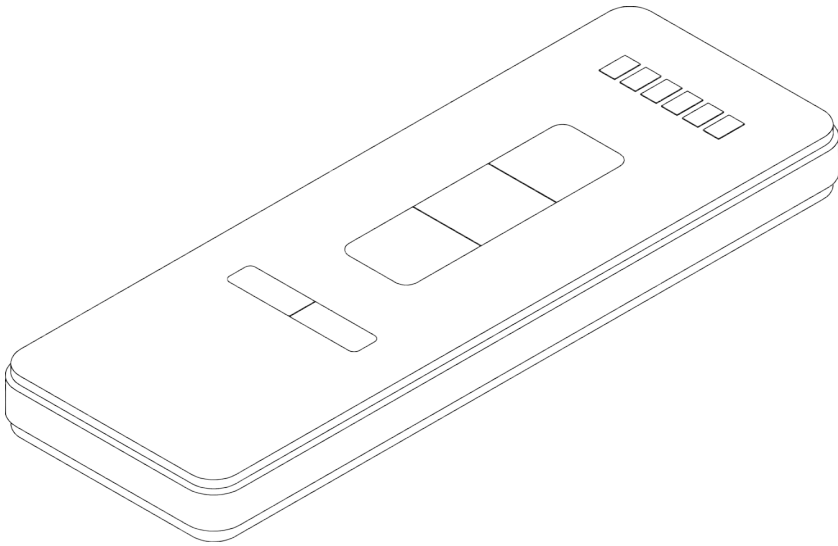
- *Installation by qualified fitter only.*
- *All radio installations must be installed according to local regulations.*
- *Electrical installations must be carried out according to Silent Gliss wiring diagrams.*
- *Check space for cables and plugs!*

# APPLICATION CHART

<u>PAGE</u>	<u>SYSTEM</u>
5	<b>SG Control A</b>
11	<b>SG Control L</b>
19	<b>SG Control R</b>
25	<b>SG Smart</b>

# SG Control A

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## PRODUCT INFORMATION

- *Radio controlled*
- *1-channel, 2-channel, 5-channel or 6-channel radio controls*
- *Radio hand held and wall controls*
- *Single and multi channel timer units*

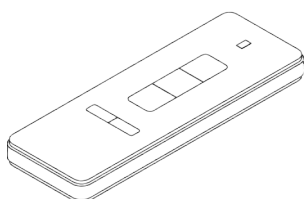
# APPLICATION

## A. SYSTEMS

- Electric curtain track system SG 5100
- Roller blind system SG 4955
- Roman blind system SG 2345

# OVERVIEW COMPONENTS

## A. RADIO CONTROLS

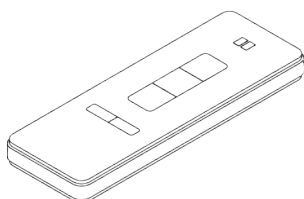


### **SG 10946**

- **Channel:** 1 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

#### **Features:**

- Operates single system or operates one group of systems

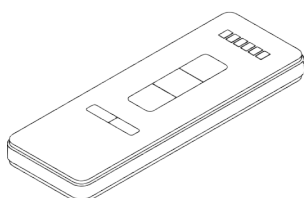


### **SG 10947**

- **Channel:** 2+1 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

#### **Features:**

- 2 channel: operates up to two single systems individually
- 2 channel: operates up to two groups of systems individually
- 1 channel: operates all systems together



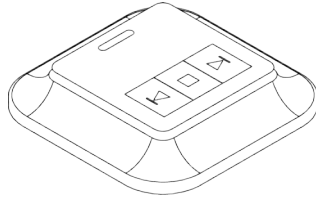
### **SG 10948**

- **Channel:** 6+1 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

#### **Features:**

- 6 channel: operates up to 6 single systems individually
- 6 channel: operates up to 6 groups of systems individually
- 1 channel: operates all systems together

## B. RADIO WALL CONTROLS

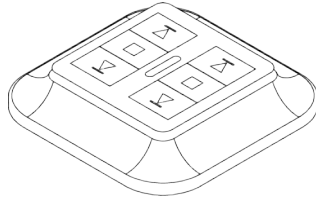


### **SG 10949**

- **Channel:** 1 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

#### **Features:**

- Operates single system or operates one group of systems

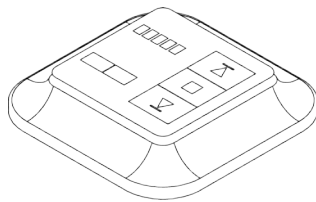


### **SG 10950**

- **Channel:** 2 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

#### **Features:**

- 2 channel: operates up to two single systems individually
- 2 channel: operates up to two groups of systems individually



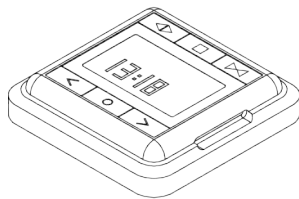
### **SG 10951**

- **Channel:** 5+1 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

#### **Features:**

- 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

## C. RADIO TIMER UNITS

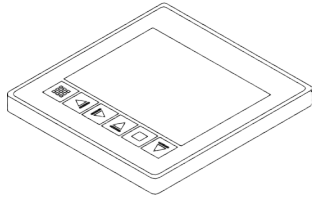


### **SG 11429**

- **Channel:** 1 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

#### **Features:**

- Operates single system
- Operates one group of systems
- LCD display
- Touch button control
- Single 'open' and 'close' time setting



**SG 11093**

- **Channel:** 16 channel
- **Frequency:** 433.92 MHz
- **Colours:** white

**Features:**

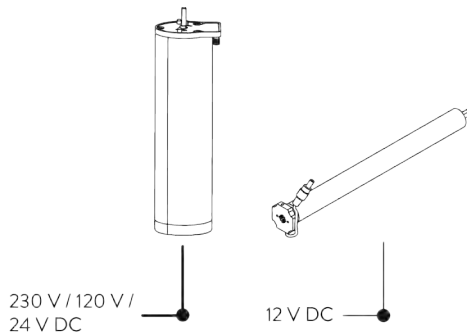
- 16 channel: operates up to 16 single systems individually
- 16 channel: operates up to 16 groups of systems individually
- LCD display
- Touch button control
- Timing function with max. 8 timing points programmable for daily and weekly cycles

**D. MANUALS**

Refer to Silent Gliss website.

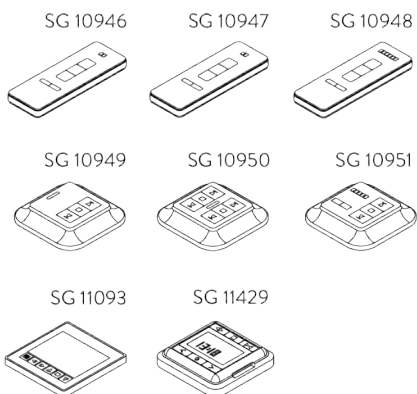
# COMBINATION CONTROLS AND SYSTEMS

**A. EXAMPLE**



Applicable with following systems:

- Electric curtain track system SG 5100
- Roller blind system SG 4955
- Roman blind system SG 2345



**B. WIRING DIAGRAMS**



Refer to Silent Gliss website.

# PARTS

## A. CONTROLS



**SG 10946**

*Radio hand held 1 channel*



**SG 10947**

*Radio hand held 2+1 channel*



**SG 10948**

*Radio hand held 6+1 channel*



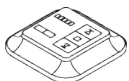
**SG 10949**

*Radio wall transmitter 1 channel*



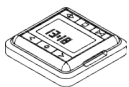
**SG 10950**

*Radio wall transmitter 2 channel*



**SG 10951**

*Radio wall transmitter 5+1 channel*



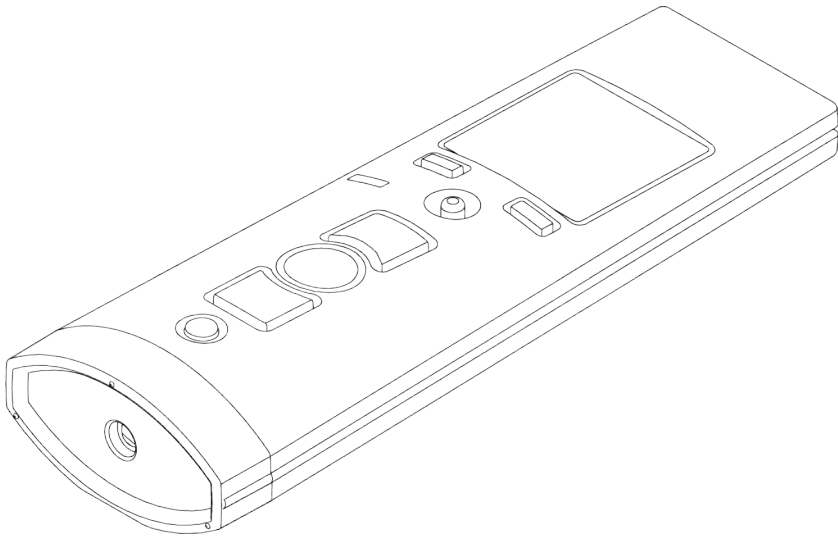
**SG 11429**

*Radio timer unit 1 channel*



# SG Control L

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## **PRODUCT INFORMATION**

- *Radio controlled*
- *Bi directional*
- *1-channel, 5-channel, 10-channel or 15-channel radio controls*
- *Radio hand held and wall controls*
- *Radio receivers for motors without integrated receiver*
- *Silent Gliss Move App*

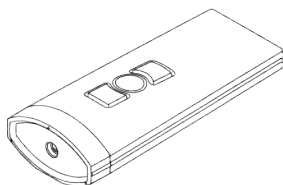
# APPLICATION

## A. SYSTEMS

- Dim-out blind system SG 4760
- Dim-out blind system SG 4770
- Dim-out blind system SG 4780
- Electric curtain track system SG 5600
- Electric curtain track system SG 5800
- Panel Glide System SG 2750
- Pleated blind system SG 8500
- Roller blind system SG 4960
- Roller blind system SG 4970
- Roller blind system SG 4880
- Roman blind system SG 2350
- Skylight shading system SG 2195
- Skylight shading system SG 8600
- Skylight shading system SG 8640
- Venetian blind system SG 8250
- Venetian blind system SG 8960
- Vertical blind system SG 2950

# OVERVIEW COMPONENTS

## A. RADIO CONTROLS

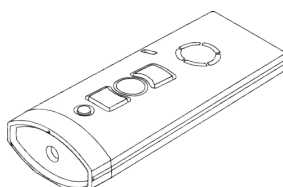


### **SG 10300**

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** white, silver and anthracite

#### **Features:**

- Operates single system or operates one group of systems
- Wall holder in corresponding colour

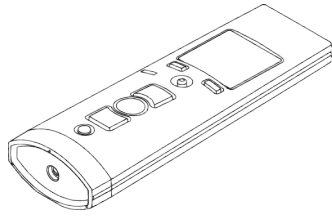


### **SG 10302**

- **Channel:** 5+1 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** white, silver and anthracite

#### **Features:**

- 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
- Wall holder in corresponding colour

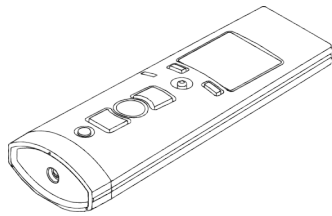


### SG 10303

- **Channel:** 10+2+1 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** white, silver and anthracite

#### Features:

- 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
- Various languages
- Programmable day and week, sunrise and sunset time
- Holiday mode
- Illuminated display
- Astro times
- Wall holder in corresponding colour



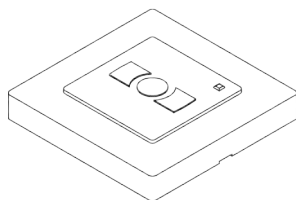
### SG 10804

- Channel: 15+5+1 channel
- Frequency: 868 or 915 Mhz
- Colours: white, silver and anthracite

#### Features:

- 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
- Various languages
- Intelligent display management
- Wall holder in corresponding colour

## B. RADIO WALL CONTROLS

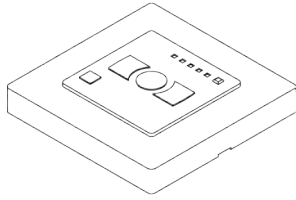


### SG 11480

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** white

#### Features:

- Operates single system or operates one group of systems



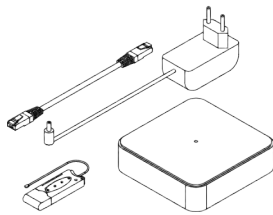
### SG 11490

- **Channel:** 5+1 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** white

#### Features:

- 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

## C. MOVE BY SILENT GLISS



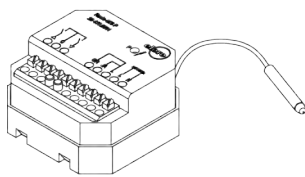
### SG 9960

- **Channel:** 15 channel
- **Frequency:** 868 or 915 MHz
- **Colours:** black
- **Move server set:** consists of server and transmitter stick SG 9961

#### Features:

- Operates up to 15 single systems individually (per stick)
- Operates up to 15 groups of systems individually (per stick)
- Slot for two transmitter sticks SG 9961
- App available for Android and IOS
- Various languages
- "Scenes" programmable
- Programmable day and week, sunrise and sunset time
- Holiday mode
- Astro times

## D. RADIO RECEIVERS

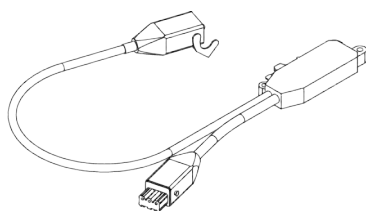


### SG 9068

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz
- **Voltage:** 230 or 120 V

#### Features:

- Operates single system
- Flush mounting

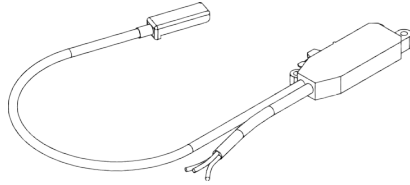


### SG 9944

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz
- **Voltage:** 230 or 120 V

#### Features:

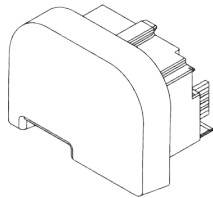
- Operates single system
- Non latching mode

**SG 9945**

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz
- **Voltage:** 230 or 120 V

**Features:**

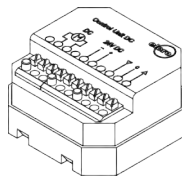
- Operates single system
- Latching mode

**SG 9063**

- **Channel:** 1 channel
- **Frequency:** 868 or 915 MHz

**Features:**

- Only applicable with motor SG 9060 (electric curtain track system SG 5600)

**E. CONTROL UNIT****DC****SG 9947**

- **Voltage:** 24 V DC

**Features:**

- Relay
- Flush mounting
- Needed with SG 8250 or SG 8500

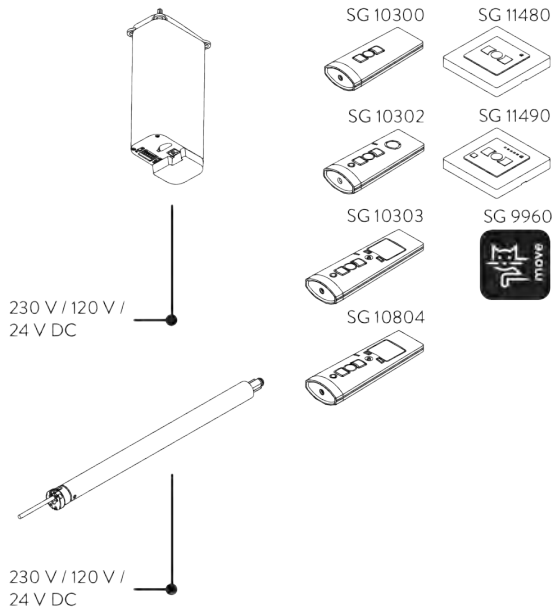
**F. MANUALS**

Refer to Silent Gliss website.

# COMBINATION CONTROLS / RECEIVERS AND SYSTEMS

## A. EXAMPLES

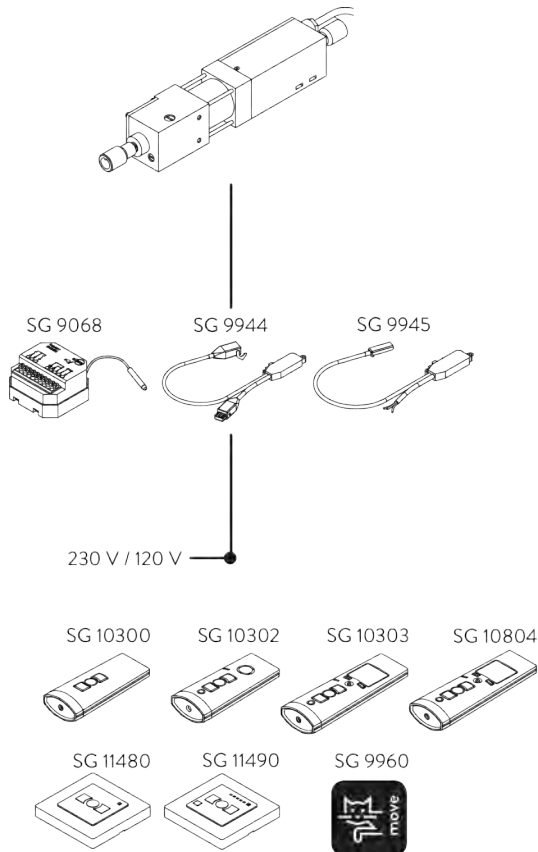
### Motors with integrated receiver



Applicable with following systems:

- Dim-out blind system SG 4760
- Dim-out blind system SG 4770
- Dim-out blind system SG 4780
- Electric curtain track system SG 5600
- Panel glide system SG 2750
- Roller blind system SG 4960
- Roller blind system SG 4970
- Roller blind system SG 4880
- Roman blind system SG 2350
- Vertical blind system SG 2950
- Venetian blind system SG 8960 (230 V)

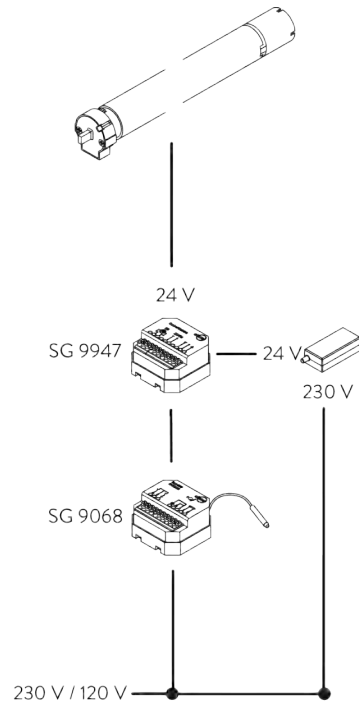
### Motors without integrated receiver



Applicable with following systems:

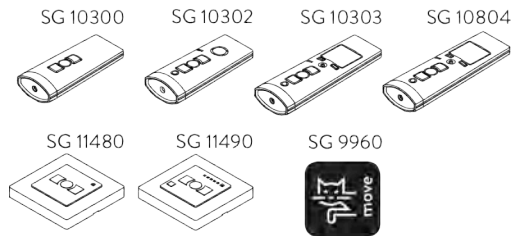
- Electric curtain track system SG 5800
- Skylight shading system SG 2195
- Skylight shading system SG 8600
- Skylight shading system SG 8640

**24 V DC motors  
without integrated  
receiver**



Applicable with following systems:

- Roller blind system SG 4960
- Pleated blind system SG 8500
- Venetian blind system SG 8250



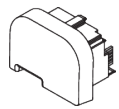
**B. WIRING**  
**DIAGRAMS**



Refer to Silent Gliss website.

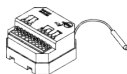
# PARTS

## A. CONTROLS / RECEIVERS



**SG 9063**

Radio module type L



**SG 9068**

Radio receiver Revio



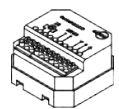
**SG 9944**

Radio receiver 1 channel



**SG 9945**

Radio receiver 1 channel



**SG 9947**

Control unit DC 24V



**SG 10300**

Radio hand held 1 channel



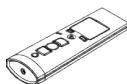
**SG 10302**

Radio hand held 5+1 channel



**SG 10303**

Radio hand held 10+2+1 channel



**SG 10804**

Radio hand held 15+5+1 channel



**SG 11480**

Radio wall transmitter 1 channel



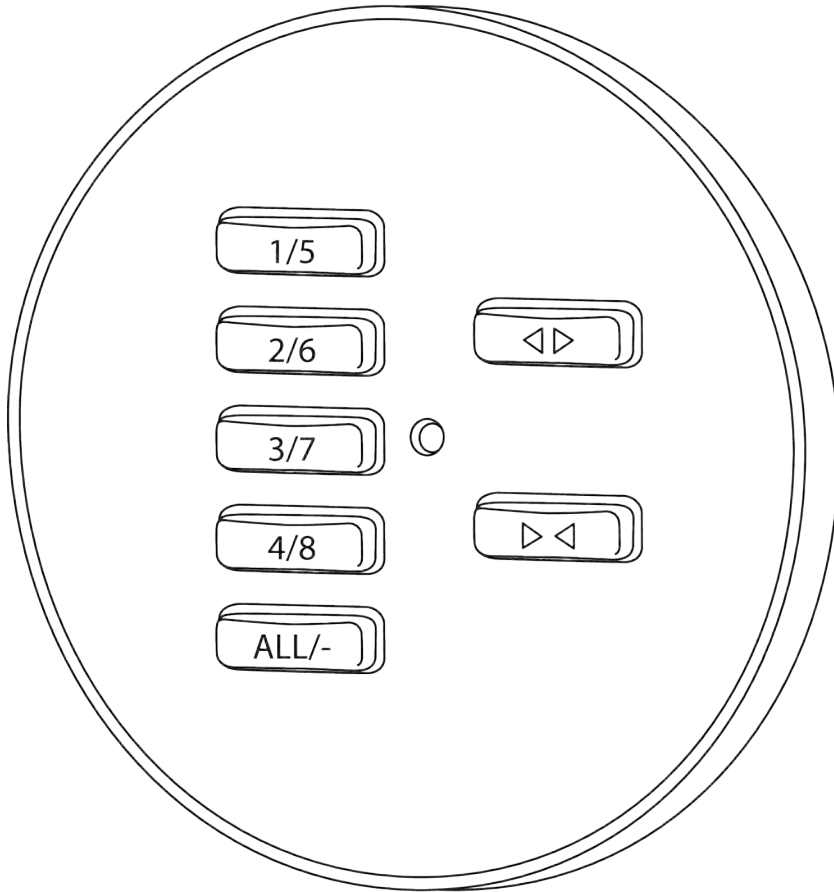
**SG 11490**

Radio wall transmitter 5+1 channel



# SG Control R

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## PRODUCT INFORMATION

- Radio controlled
- Single-channel and 8-channel radio controls
- Radio hand-held and wall mounted controls
- Radio receivers for motors without integrated receiver
- Wall switch finishes – mirror polish steel, stainless steel, brass

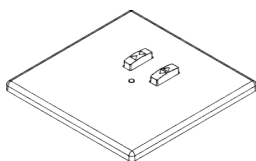
# APPLICATION

## A. SYSTEMS

- Dim-out blind system SG 4760
- Dim-out blind system SG 4770
- Dim-out blind system SG 4780
- Electric curtain track system SG 5600
- Electric curtain track system SG 5800
- Pleated blind system SG 8500
- Roller blinds system SG 4960
- Roller blinds system SG 4970
- Roller blinds system SG 4880
- Roman blind system SG 2350
- Skylight shading system SG 2195
- Skylight shading system SG 8640
- Skylight shading system SG 8600
- Venetian blind system SG 8250
- Venetian blind system SG 8960
- Vertical blind system SG 2950

# OVERVIEW COMPONENTS

## A. RADIO WALL CONTROLS

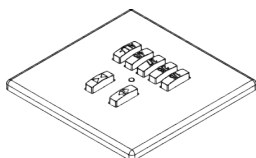


### **SG 20913**

- **Channel:** 1 channel
- **Frequency:** 433.9 MHz
- **Colours:** Mirror polish steel, brushed stainless steel, brass

#### **Features:**

- Operates single system or one group of systems
- Requires installation into an existing recessed back box (min. depth 16 mm)



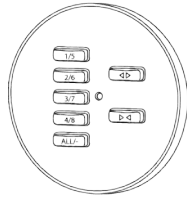
### **SG 20914**

- **Channel:** 8 channel
- **Frequency:** 433.9 MHz
- **Colours:** Mirror polish, brushed stainless, brass

#### **Features:**

- 8 channel: operates up to 8 systems individually
- 8 channel: operates up to 8 groups of systems individually
- 1 channel operates all systems together
- Requires installation into an existing recessed back box (min. depth 16 mm)

## B. RADIO CONTROLS



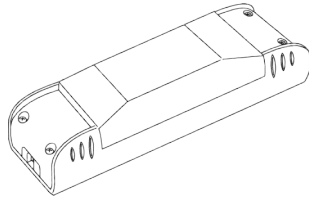
### **SG 20336**

- **Channel:** 8 channel
- **Frequency:** 433.9 MHz
- **Colours:** Mirror polish steel, Brushed stainless steel, brass

#### **Features:**

- 8 channel: operates up to 8 systems individually
- 8 channel: operates up to 8 groups of systems individually
- 1 channel operates all systems together

## C. RADIO RECEIVERS

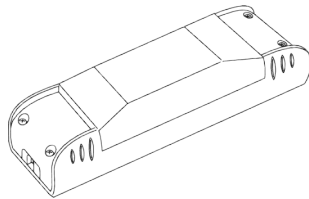


### **SG 20907**

- **Channel:** 1 channel
- **Frequency:** 433.9 MHz
- **Voltage Input:** 24 V
- **Volt output :** 24 V

#### **Features:**

- Operates 24V single system
- For motors without integrated receiver



### **SG 20919**

- **Channel:** 1 channel
- **Frequency:** 433.9 MHz
- **Voltage input:** 230 V
- **Voltage output:** 230V

#### **Features:**

- Operates 230 V single system
- For motors without integrated receiver

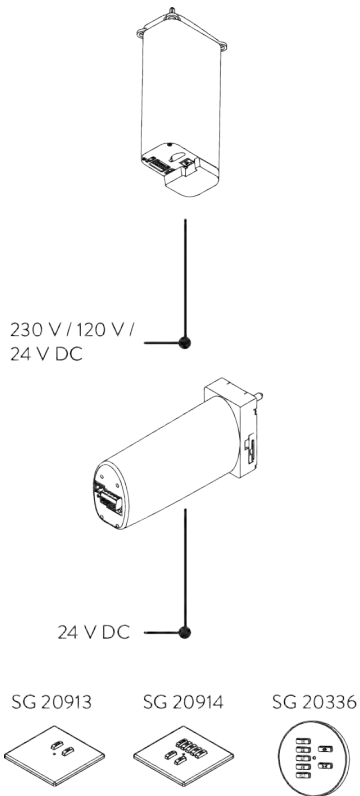
## D. MANUALS

Refer to Silent Gliss website.

# COMBINATION CONTROLS / RECEIVERS AND SYSTEMS

## A. EXAMPLES

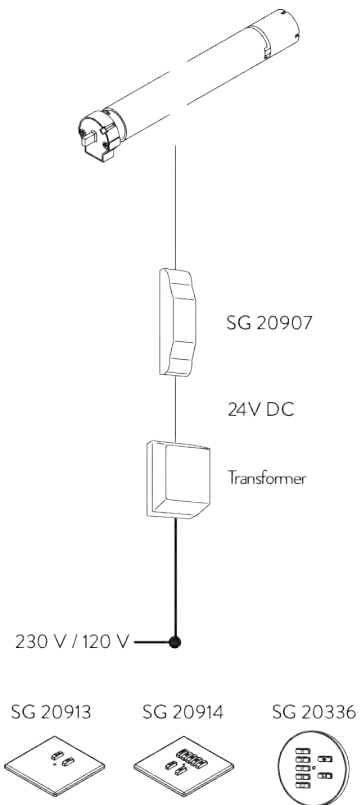
### Motors with integrated receiver



Applicable with the following systems:

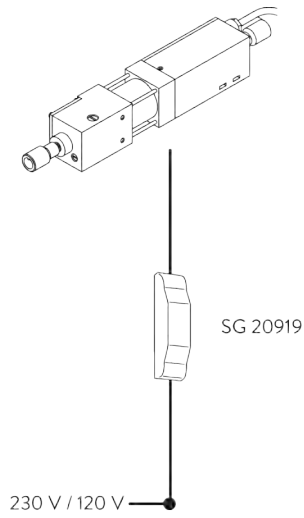
- Electric curtain track system SG 5600
- Vertical blind system SG 2950

### Motors without integrated receiver



Applicable with the following systems:

- Pleated blind system SG 8500
- Venetian blind system SG 8250



Applicable with the following systems:

- Dim-out blind system SG 4760
- Dim-out blind system SG 4770
- Dim-out blind system SG 4780
- Electric curtain track system SG 5800
- Roller blinds system SG 4960
- Roller blinds system SG 4970
- Roller blinds system SG 4880
- Roman blind system SG 2350
- Skylight shading system SG 2195
- Skylight shading system SG 8640
- Skylight shading system SG 8600

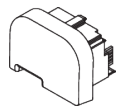
**B. WIRING  
DIAGRAMS**



Refer to Silent Gliss website.

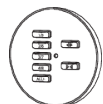
# PARTS

## A. CONTROLS / RECEIVERS



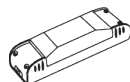
**SG 11411**

Radio module type R



**SG 20336**

Hand held transmitter 8 channel



**SG 20907**

Control module motor type R



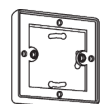
**SG 20913**

Wall switch single channel



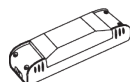
**SG 20914**

Wall switch 8 channel



**SG 20917**

Patress box

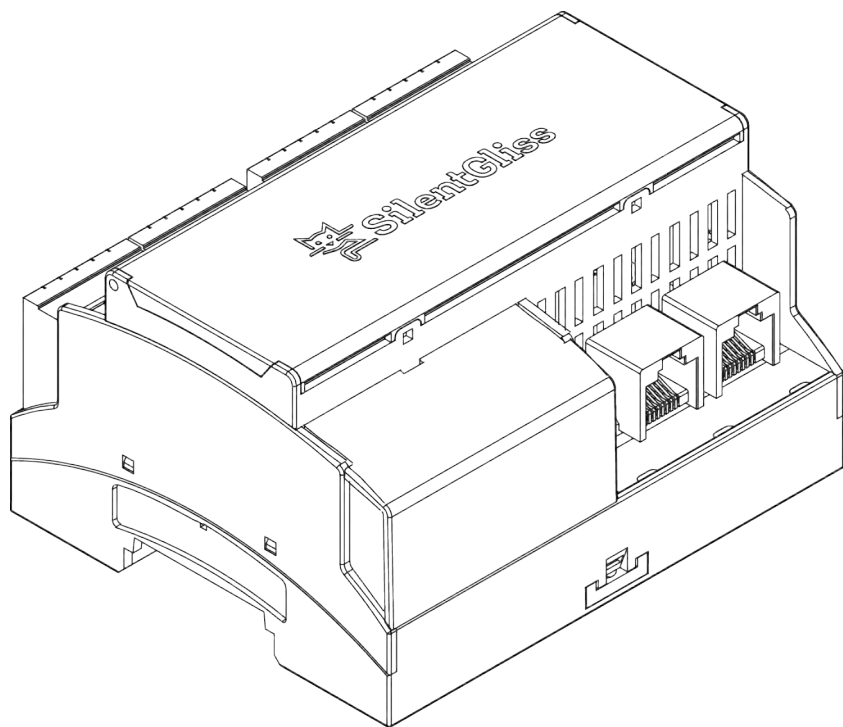


**SG 20919**

Control module motor type R

# SG Smart

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## **PRODUCT INFORMATION**

- *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*

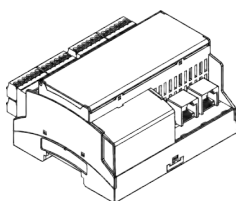
# APPLICATION

## A. SYSTEMS

- Dim-out blind system SG 4760
- Dim-out blind system SG 4770
- Dim-out blind system SG 4780
- Electric curtain track system SG 5600
- Roller blind system SG 4960
- Roller blind system SG 4970
- Roller blind system SG 4880
- Roman blind system SG 2350

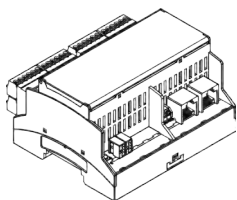
# OVERVIEW COMPONENTS

## A. SMART COMPONENTS



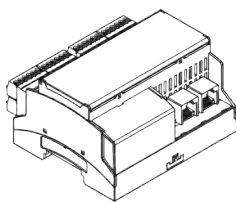
### **SG 11260 Smart Controller Gateway Cedia**

- Din rail mounted
- Features:**
  - Controls up to 8 motors
  - Up to 64 motors when combined with Expansion Units SG 11262
  - Key communication link with primary control system
  - Plug in connector blocks



### **SG 11261 Smart Controller Gateway KNX**

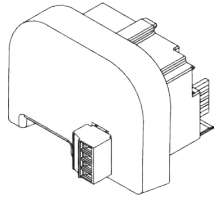
- Din rail mounted
- Features:**
  - For use with KNX based control systems
  - Key communication link with primary control systems
  - Controls up to 8 motors
  - Up to 64 motors when combined with expansion units SG 11262
  - Plug in connector blocks



### **SG 11262 Smart Controller Expansion Unit**

- Din Rail mounted
- Used in conjunction with Gateways
- Features:**
  - Controls up to 8 motors
  - Plug in connector blocks





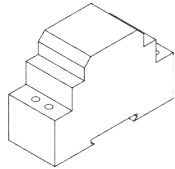
#### **SG 11270 Smart Module**

- Smart Module for SG 5600 system
- Works exclusively with Smart Gateway components

#### **Features:**

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

## **B. POWER SUPPLIES**

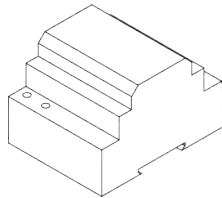


#### **SG 11263 Power Supply**

- 24 V DC 2.5 A output
- Din rail mounted

#### **Features:**

- Powers Gateway components SG 11260 / SG 11261
- Variable input voltage
- Output range 21.6 - 29 V DC

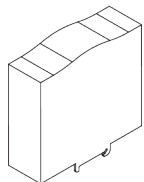


#### **SG 11264 Power Supply**

- 24 V DC 3.8 A output
- Din Rail mounted

#### **Features:**

- Variable input voltage
- Output range 21.6 - 29 V DC

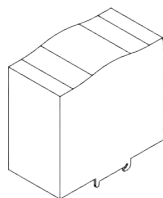


#### **SG 11265 Power Supply**

- 24 V DC 5 A output
- Din rail mounted

#### **Features:**

- Variable input voltage
- Output range 24 - 28 V DC



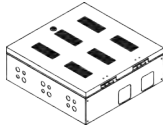
#### **SG 11266 Power Supply**

- 24 V DC 10 A output
- Din rail mounted

#### **Features:**

- Variable input voltage
- Output range 24 - 28 V DC

## C. CABINETS

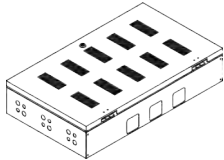


### **SG 11281 Cabinet**

– 8 system cabinet

#### **Features:**

- Takes up to 8 smart product systems
- Steel construction
- Wall mounted
- Size 520 mm W x 510 mm L x 196.5 mm D
- Complete with 100 A mains power breaker

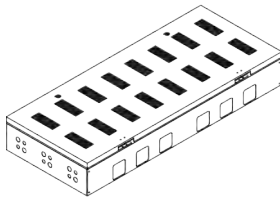


### **SG 11282 Cabinet**

– 24 system cabinet

#### **Features:**

- Takes up to 24 smart product systems
- Steel construction
- Size 520 mm W x 890 mm L x 196.5 mm D
- Complete with 100 A mains power breaker



### **SG 11283 Cabinet**

– 56 system cabinet

#### **Features:**

- Takes up to 56 smart product systems
- Steel construction
- Size 520 mm W x 1250 mm L x 196.5 mm D
- Complete with 100 A mains power breaker

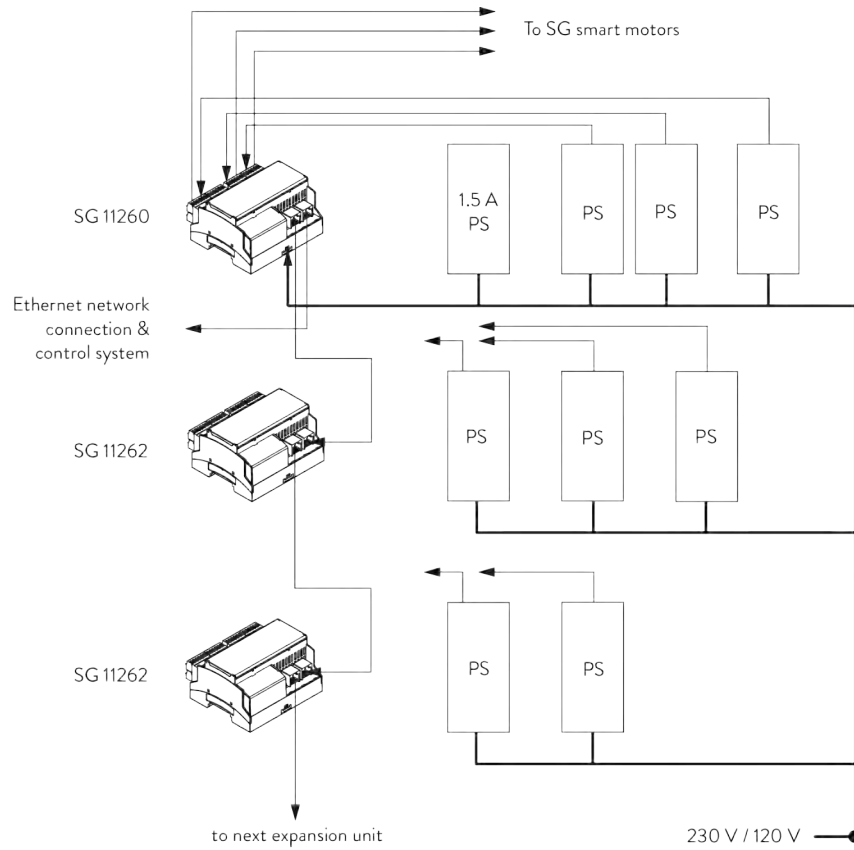
## D. MANUALS

Refer to Silent Gliss website.

# COMBINATION CONTROLS AND SYSTEMS

## A. EXAMPLE

### Schematic Smart system arrangement



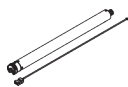
## B. WIRING DIAGRAMS



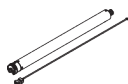
Refer to Silent Gliss website.

# PARTS

## A. CONTROLS

**SG 11250**

Motor 24V DC, 50-Series 1.5/55

**SG 11251**

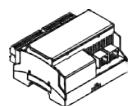
Motor 24V DC, 50-Series 3/32

**SG 11252**

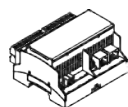
Motor 24V DC, 50-Series 6/20

**SG 11255**

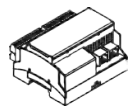
Motor 24V DC, 50-Series 10/20

**SG 11260**

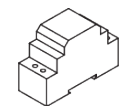
Smart controller gateway unit

**SG 11261**

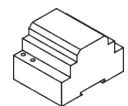
Smart controller gateway unit KNX

**SG 11262**

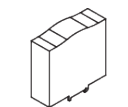
Smart controller expansion unit

**SG 11263**

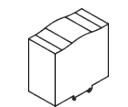
Power supply 24V DC, 2.5A DIN Rail

**SG 11264**

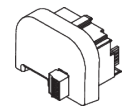
Power supply 24V DC, 3.8A DIN Rail

**SG 11265**

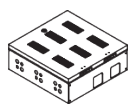
Power supply 24V DC, 5A DIN Rail

**SG 11266**

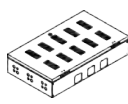
Power supply 24V DC, 10A DIN Rail

**SG 11270**

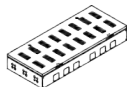
Smart module

**SG 11281**

Cabinet for 8 systems

**SG 11282**

Cabinet for 24 systems

**SG 11283**

Cabinet for 56 systems

**SG 11325**

Smart plug 6-pin, MC 1.5/6 ST-3.81

[www.bradingfabrication.com](http://www.bradingfabrication.com)

Brading Fabrication Limited  
1885 Clements Road, Unit 228  
Pickering, ON, Canada  
L1W 3V4

Tel: 1-800-483-5550

[info@bradingfabrication.com](mailto:info@bradingfabrication.com)