

# DEL Motorized Solutions

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www.motorizedsolutions.com

## Control Scenarios

### Individual - Point and Shoot Infrared Control

Control window coverings individually with the same single channel remote.

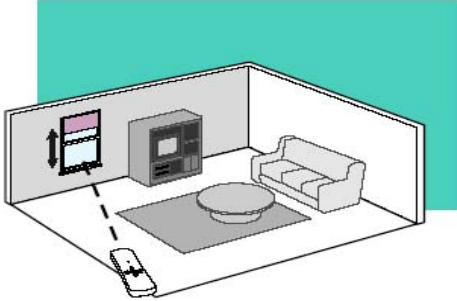


FIG. 1

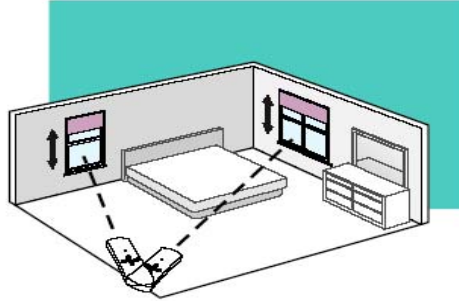


FIG. 2

### Infrared Control Options



SINGLE CHANNEL SYSTEM I REMOTE



SINGLE CHANNEL SYSTEM II REMOTE

### Individual - Radio Control

A single channel transmitter allows control of 1 window covering.

#### SINGLE CHANNEL CONTROL

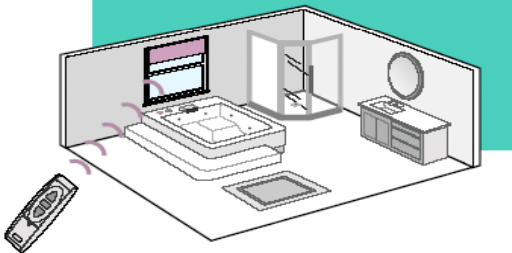


FIG. 3

A 5 channel transmitter can control up to 5 individual window coverings.

#### MULTI-CHANNEL CONTROL

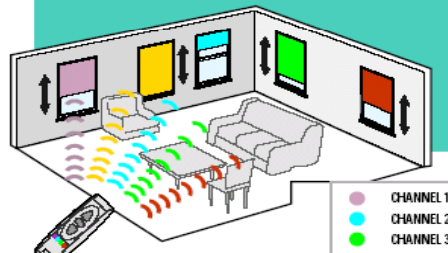


FIG. 4

- CHANNEL 1
- CHANNEL 2
- CHANNEL 3
- CHANNEL 4
- CHANNEL 5

### Individual and Group Radio Control Options

SINGLE CHANNEL AND 5 CHANNEL DECORA WIRELESS WALL SWITCHES



SINGLE CHANNEL AND 5 CHANNEL TELIS TRANSMITTERS



SINGLE CHANNEL CHRONIS TIMER



### Group - Radio Control

A single channel transmitter allows control of a single group of window coverings

#### SINGLE CHANNEL CONTROL

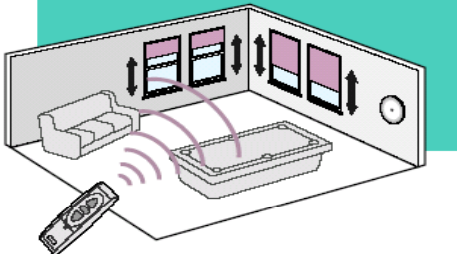


FIG. 5

A 5 channel transmitter can control up to 5 specific groups of window coverings

#### MULTI-CHANNEL CONTROL

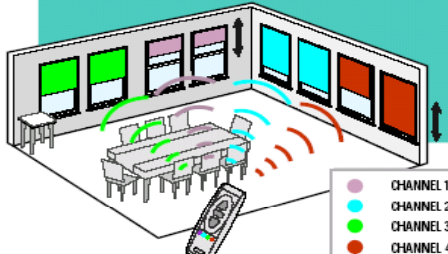


FIG. 6

- CHANNEL 1
- CHANNEL 2
- CHANNEL 3
- CHANNEL 4
- CHANNEL 5

**Showroom:**  
2075 Byberry Road  
The Atrium, Suite 108  
Bensalem, PA 19020

**Factory:**  
9300 Ashton Road  
Philadelphia, PA 19114



## 2" Horizontal Blinds

2" Horizontal blinds are simple to motorize with Somfy B Series or XL Series battery powered motors. The B Series and XL Series tilt motors are small, wireless and easily concealed within the headrail of the window covering maintaining the blinds aesthetic appeal. A simple press of a button will tilt the slats open or closed providing the perfect solution for operating blinds in hard to reach places, high windows or large applications. Both the B Series and XL Series motors are available with infrared (IR) control or radio (RF) control and are compatible with the full range of Somfy RTS accessories that include a Telis handheld transmitter, Decora wireless wall switch, Chronis programmable timer and home automation interfaces.

### Somfy Motorization Size and Weight Specifications

BLIND TYPE	MAXIMUM SIZE		MAXIMUM WEIGHT	
	B SERIES 6 VOLT SYSTEM I	XL SERIES 6 VOLT SYSTEM I	B SERIES 6 VOLT SYSTEM I	XL SERIES 6 VOLT SYSTEM I
HORIZONTAL BLINDS (BASSWOOD)	80" X 80"	114" X 114"	15 lbs.	30 lbs.
HORIZONTAL BLINDS (POPLAR)	72" X 72"	105" X 105"	15 lbs.	30 lbs.
HORIZONTAL BLINDS (ALUMINUM)	118" X 118"	120" X 144"	15 lbs.	30 lbs.
HORIZONTAL BLINDS (FAUX WOODS)	66" X 66"	93" X 93"	15 lbs.	30 lbs.

\* Actual specifications may vary based on blind material.

\* MAXIMUM SIZE dimensions are for reference only and do not represent any one particular Manufacturer's brand or product size offerings.



### 2" Horizontal B Series and XL Series Motors

Part Number	Description
HSYS-9019	B Series for blinds up to 15 lbs.
HSYS-9031	XL Series for blinds up to 30 lbs.

### 2" Horizontal blinds can be operated with a variety of Somfy controls

Infrared "Point and Shoot" Technology

Radio Technology Somfy™

SYSTEM I  
INFRARED TRANSMITTER



HACC-9278

HACC-9279

TELIS 1 AND TELIS 4 RTS  
RADIO TRANSMITTER



6301014

6301015

DECORA 1 RTS AND DECORA 4  
RTS WIRELESS WALL SWITCH



6301033

6301025

CHRONIS RTS  
PROGRAMMABLE TIMER



6300383



# Roller Shades

It is easy to experience the beauty and functionality of roller shades with Somfy battery powered LT30 Series motors. The LT30 series motors are compact, wireless and hidden inside the window covering to maintain the attractive style of roller shades. With a touch of a button shades will raise or lower providing the perfect solution for operating shades in hard to reach places, high windows or large applications. The LT30 System II Motor series is available with infrared (IR) control or radio (RF) control and compatible with the full range of Somfy RTS accessories that include a Telis handheld transmitter, Decora wireless wall switch, Chronis programmable timer and home automation interfaces.

## Somfy Motorization Size and Weight Specifications

SHADE TYPE	MAXIMUM SIZE		MAXIMUM WEIGHT	
	9 VOLT SYSTEM II	12 VOLT SYSTEM II	9 VOLT SYSTEM II	12 VOLT SYSTEM II
SOLAR SCREEN (10% OPENESS)	84" X 84"	106" X 106"	10 lbs.	15 lbs.
SOLAR SCREEN (5% OPENESS)	82" X 82"	100" X 100"	10 lbs.	15 lbs.
SOLAR SCREEN (3% OPENESS)	78" X 78"	96" X 96"	10 lbs.	15 lbs.

\* Actual specifications may vary based on shade material and tube characteristics. \* Above specifications use Rollease 1 1/4" tube.

## Roller Shade LT30 Series Motors

Part Number	Description	Tube Compatibility
SYSTEM II 9 VOLT		
HSYS9092A HSYS9092B HSYS9092F HSYS9092C HSYS9092D HSYS9092J	LT30 System II Roll Up Motor 9 Volt	Shangri La™ / Vienna™ Silhouette™ Pre March - 2004 Silhouette™ Post March - 2004 RollEase™ 1 1/4" RollEase™ 1 1/2" Louverlite™ 1 5/8"
SYSTEM II 12 VOLT		
HSYS9093A HSYS9093B HSYS9093F HSYS9093C HSYS9093D HSYS9093J	LT30 System II Roll Up Motor 12 Volt	Shangri La™ / Vienna™ Silhouette™ Pre March - 2004 Silhouette™ Post March - 2004 RollEase™ 1 1/4" RollEase™ 1 1/2" Louverlite™ 1 5/8"



Please contact your shade manufacturer directly for information regarding compatibility of those roller shades not listed above.

## Roller shades can be operated with a variety of Somfy controls

Infrared "Point and Shoot" Technology

Radio Technology Somfy™

SYSTEM II  
INFRARED TRANSMITTER



HACC-9280

TELIS 1 AND TELIS 4 RTS  
RADIO TRANSMITTER



6301014

6301015

DECORA 1 RTS AND DECORA 4  
RTS WIRELESS WALL SWITCH



6301033

6301025

CHRONIS RTS  
PROGRAMMABLE TIMER



6300383



# Roman Type Shades

Somfy battery powered motors can easily motorize roman type shades enabling simple and convenient operation. The LT30 series motors are wireless and are concealed within the window covering maintaining the aesthetic appeal of a roman type shade. A simple press of a button will raise and lower the shade providing the perfect solution for operating shades in hard to reach places, high windows or large applications. The LT30 System II Motor series is available with infrared (IR) control or radio (RF) control and compatible with the full range of Somfy RTS accessories that include a Telis handheld transmitter, Decora wireless wall switch, Chronis programmable timer and home automation interfaces.

## Somfy Motorization Weight Specifications

SHADE TYPE	MAXIMUM WEIGHT	
	9 VOLT SYSTEM II	12 VOLT SYSTEM II
ROMAN SHADE (VARIOUS)	10 lbs.	15 lbs.

\* Maximum size may vary based on shade material and tube characteristics. \* Above specifications use Rollease 1 1/4" tube.

## Roman Type Shade LT-30 Series Motors



Part Number	Description	Tube Compatibility
SYSTEM II 9 VOLT		
HSYS9092A HSYS9092B HSYS9092F HSYS9092C HSYS9092D HSYS9092J	LT-30 System II Roll Up Motor 9 Volt	Shangri La™ / Vienna™ Silhouette™ Pre March - 2004 Silhouette™ Post March - 2004 RollEase™ 1 1/4" RollEase™ 1 1/2" Louverlite™ 1 5/8"
SYSTEM II 12 VOLT		
HSYS9093A HSYS9093B HSYS9093F HSYS9093C HSYS9093D HSYS9093J	LT-30 System II Roll Up Motor 12 Volt	Shangri La™ / Vienna™ Silhouette™ Pre March - 2004 Silhouette™ Post March - 2004 RollEase™ 1 1/4" RollEase™ 1 1/2" Louverlite™ 1 5/8"

Please contact your shade manufacturer directly for more detailed compatibility information.

## Roman type shades can be operated with a variety of Somfy controls

Infrared "Point and Shoot" Technology

Radio Technology Somfy™

SYSTEM II  
INFRARED TRANSMITTER



HACC-9280

TELIS 1 AND TELIS 4 RTS  
RADIO TRANSMITTER



6301014

6301015

DECORA 1 RTS AND DECORA 4  
RTS WIRELESS WALL SWITCH



6301033

6301025

CHRONIS RTS  
PROGRAMMABLE TIMER



6300383

FOR MORE DETAILED CONTROL INFORMATION, PLEASE SEE PAGES 6-7



# Sheer Horizontal Shades

It is simple to enjoy the ultimate in elegance and convenience of Sheer Horizontal Shades with Somfy battery powered LT30 Series motors. The LT30 Series motors are compact, wireless and concealed behind a decorative headrail to complement the décor of a room. Choose from Somfy's range of controls to tilt the shades open or closed, or to raise or lower and experience the simplicity of operating shades in hard the reach places, high windows or large applications. The LT30 System II Motor series is available with infrared (IR) control or radio (RF) control and compatible with the full range of Somfy RTS accessories that include a Telis handheld transmitter, Decora wireless wall switch, Chronis programmable timer and home automation interfaces.

## Somfy Motorization Size and Weight Specifications

SHADE TYPE	MAXIMUM SIZE			MAXIMUM WEIGHT		
	9 VOLT SYSTEM I	9 VOLT SYSTEM II	12 VOLT SYSTEM II	9 VOLT SYSTEM I	9 VOLT SYSTEM II	12 VOLT SYSTEM II
SHEER HORIZONTAL (LIGHT FILTERING)	80" X 120"	108" X 120"	114" X 132"	5 lbs.	7 lbs.	10 lbs.
SHEER HORIZONTAL (ROOM DARKENING)	84" X 92"	100" X 110"	114" X 132"	5 lbs.	7 lbs.	10 lbs.

\* Actual specifications based on Vienna/Shangri-La Fabrics and may vary based on shade material. \* 9 Volt System I Motor (IR only) is applicable to silhouette shade only.

## Sheer Horizontal LT30 Roll-Up Motors

Part Number	Description	Tube Compatibility
SYSTEM I 9 VOLT		
HSYS9091B HSYS9091F	System I Roll Up Motor 9 Volt	Silhouette™ - Pre March 2004 Silhouette™ - Post March 2004
SYSTEM II 9 VOLT		
HSYS9092A HSYS9092B HSYS9092F HSYS9092C HSYS9092D HSYS9092J	LT30 System II Roll Up Motor 9 Volt	Shangri La™ / Vienna™ Silhouette™ Pre March - 2004 Silhouette™ Post March - 2004 RollEase™ 1 1/4" RollEase™ 1 1/2" Louverlite™ 1 5/8"
SYSTEM II 12 VOLT		
HSYS9093A HSYS9093B HSYS9093F HSYS9093C HSYS9093D HSYS9093J	LT30 System II Roll Up Motor 12 Volt	Shangri La™ / Vienna™ Silhouette™ Pre March - 2004 Silhouette™ Post March - 2004 RollEase™ 1 1/4" RollEase™ 1 1/2" Louverlite™ 1 5/8"



Please contact your shade manufacturer directly for information regarding compatibility of those sheer horizontal shades not listed above.

## Sheer Horizontal shades can be operated with a variety of Somfy controls

Infrared "Point and Shoot" Technology

Radio Technology Somfy™

SYSTEM I  
INFRARED TRANSMITTER

SYSTEM II  
INFRARED TRANSMITTER

TELIS 1 AND TELIS 4 RTS  
RADIO TRANSMITTER

DECORA 1 RTS AND DECORA 4  
RTS WIRELESS WALL SWITCH

CHRONIS RTS  
PROGRAMMABLE TIMER



HACC-9278 HACC-9279



HACC-9280



6301014 6301015



6301033 6301025



6300383

## Controls - In Detail

Many control options are available with Somfy battery operated motors. Choose from Infrared (IR) or Radio Frequency (RF) control based on the application requirements. For example, if basic control is desired where the window coverings are within the line of sight and will be operated individually, then IR performs well. However, for more advanced control where the window coverings are in multiple rooms or will be controlled individually or in groups, then Radio Frequency (RF) is a better choice. Radio Frequency (RF) does not require the window covering to be in the direct line of sight of the controller to raise, lower or tilt shades or blinds. Whatever the application, Somfy controls offer both flexibility and reliability in operating motorized window coverings.

### IR

Point-and-shoot a Somfy handheld transmitter to control window coverings within line of sight.



SYSTEM I INFRARED TRANSMITTER  
HACC-9278

Infrared hand-held transmitter with single push button sequential control. For use with motorized horizontal blinds.



SYSTEM II INFRARED TRANSMITTER  
HACC-9280

Infrared hand-held transmitter with multiple push button direct command control. For use with roll-up motor systems.

### RADIO

Long Range, omni-directional radio control eliminates the need to point or aim transmitter at a window covering allowing for more enhanced control of individual or groups of window coverings. With Radio Technology Somfy™, it's possible to combine handheld remotes, wireless wall switches and programmable timers for powerful control which can be transmitted through walls in the home.



TELIS 1 RTS TRANSMITTER  
6301014

Single channel hand-held radio transmitter. For use with all RTS enabled motorization systems.



TELIS 4 RTS TRANSMITTER  
6301015

Five channel hand-held radio transmitter. For use with all RTS enabled motorization systems.



DECORA RTS 1 WIRELESS WALL SWITCH  
6301033

Single channel wireless wall switch. For use with all RTS enabled motorization systems.



DECORA RTS 4 WIRELESS WALL SWITCH  
6301025

Five channel wireless wall switch. For use with all RTS enabled motorization systems.


















CHRONIS RTS WIRELESS TIMER  
6300383































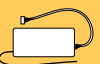

Single channel programmable timer. For use with all RTS enabled motorization systems.

# ACCESSORIES

## INFRARED (IR) CONTROL

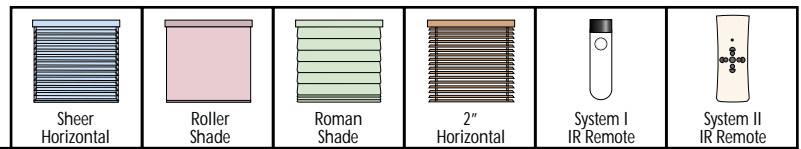
		 Sheer Horizontal	 Roller Shade	 Roman Shade	 2" Horizontal
<u>IR Transmitters</u>					
HACC-9278	System I Off White Remote Control w/ 3 AA Alkaline Batteries				
HACC-9279	System I Black Remote Control w/ 3 AA Alkaline Batteries				
HACC-9280	System II Off White Remote Control w/ 3 AA Alkaline Batteries				
<u>IR Receivers</u>					
HACC-9205	System I 5" White Satellite Eye (Included with B & XL motors)				
HACC-9207	System I 10" White Satellite Eye *				
HACC-9208	System I 10" Black Satellite Eye *				
HACC-9325	System II 10" White Satellite Eye *				

## RADIO CONTROL

<u>Radio Transmitters</u>					
6301014	Telis RTS Single-Channel Hand-held Transmitter				
6301015	Telis RTS Five-Channel Hand-held Transmitter				
<u>Radio Wall Switches</u>					
6301033	Decora RTS Single-Channel Wall Switch (White)				
6301034	Decora RTS Single-Channel Wall Switch (Ivory)				
6301025	Decora RTS Five-Channel Wall Switch (White)				
6301035	Decora RTS Five-Channel Wall Switch (Ivory)				
<u>Radio Timer</u>					
6300383	Chronis RTS Wireless Programmable Timer				
<u>Radio Receiver</u>					
HACC-9225	Plug-in RTS Radio Receiver				

\* Extended satellite eyes are typically required when top treatments are present to increase control reliability.

# ACCESSORIES



Power Accessories		Sheer Horizontal	Roller Shade	Roman Shade	2" Horizontal	System I IR Remote	System II IR Remote
HACC-9258	3 Replacement AA Alkaline Batteries for IR Remote use only						
HACC-9255	4 AA Lithium Batteries for 6 Volt Battery Holder						
HACC-9253	6 AA Lithium Batteries for Standard 9 Volt Battery Holder						
HACC-9267	9 Volt Standard Battery Holder w/ 12" Leads *						
HACC-9282	9 Volt Standard Battery Holder w/ 48" Leads *						
HACC-9283	9 Volt Standard Battery Holder w/ 96" Leads *						
HACC-9269	9 Volt Battery Wand w/ Lithium Batteries and Mounting Clips						
HACC-9270	9 Volt Extended Life Battery Wand w/ Lithium Batteries and Mounting Clips (must be used together with HACC-9269)						
HACC-9281	12 Volt Tandem Battery Wand w/Lithium Batteries and Mounting Clips						
HACC-9314	6 Volt DC Plug-in Transformer (white)**						
HACC-9315	9 Volt DC Plug-in Transformer (white)**						
HACC-9316	12 Volt DC Plug-in Transformer (white)**						

\* Batteries not included

\*\* Voltage of transformer must match voltage of motor