



# ROLLER

## HARDWIRED MOTORIZATION SHADES

Effective April 1, 2018

*design simplified™*

# HARDWIRED MOTORIZATION

## Motorization Made Simple

- Shade is fully assembled with motor concealed inside roller tube
- Installation is the same as non-motorized shades
- Stop limits (upper/lower) and control channels as pre-set at factory; also adjustable at jobsite

## Power Sources

- Battery wand (RemoteLift motorization systems). Refer to the Roller Shades Guide for more details.
- Hardwired into line voltage/transformer
- Plug-in power cable

The decision for choosing power source is based primarily on the user's preference, but also depends on power requirements for motor type selected.

*Each motor has restrictions for minimum width and maximum overall shade size.*

## Multiple Control Options Available

- Remote control with single or multi-channel
- Wireless wall switch key pad with single or multi-channel
- Timer – allows you to program shades to operate at certain times throughout the day
- Home Automation Compatible (IR,RF,RS 232, RS 485, Dry Contact) options available to integrate with third party automation systems

## Selecting the Right Motor

In many instances more than one motor is available; however the motor selected will need to perform according to the user's preferences for power and control.

## Warranty

5 year warranty on motors, components, and accessories *(excludes batteries)*.

## Motorization Surcharge

**Sonesse 30 (ST30) RF Quiet Motor (24V) (Part #1001524)**  
comes standard with 7.5 ft. 2 wire pig tail cables .....add \$828 each

**Sonesse 50 (ST50) RF Quiet Motor (110V) (Part #1001809)**  
comes standard with 10 ft. 3 wire pig tail cables .....add \$953 each

**Sonesse 50 (ST50R) RF Ultra Quiet Motor (110V) (Part #1002562)**  
comes standard with 10 ft. 3 wire pig tail cables ...add \$1168 each

*Note: specify motor side - right or left - when ordering*

## Motor Controls

Remote - 1 Channel (white) (Part #RC445069)..... add \$116 each  
Remote - 5 Channel (white) (Part #RC445079)..... add \$157 each  
Remote - 16 Channel (white) (Part #1811081) ..... add \$612 each  
Wall Switch - 1 Channel (white) (Part #RC445135)... add \$301 each  
Wall Switch - 5 Channel (white) (Part #RC445136)... add \$330 each  
Timer - 1 Channel (white) (Part #1805237A) ..... add \$504 each  
Smooove 1 RTS.....add \$189 each  
myLink RTS Interface .....add \$540 each

*Each RF control option can function alone or in combination with one another*

## Accessories

24V Transformer Single Motor Plug-in (5 ft. cord)  
(Part #RC445117) .....add \$160 each

## 24V Tabletop Transformer

– 3 (2) Motor (Part #1822118) ..... add \$730 each  
– 6 (5) Motor (Part #1822119) .....add \$898 each  
– 9 (7) Motor (Part #1822122) ..... add \$1543 each  
– 12 (10) Motor (Part #1822123) ..... add \$2741 each

## 110V Plug-in Cables

– 3 ft. (Part #9019952). ..... add \$55 each  
– 6 ft. (Part #9019953) ..... add \$66 each  
– 10 ft. (Part #9019951) ..... add \$68 each

## 3-Wire Pig Tails

– 10 ft. (Part #9018190) ..... add \$51 each

## Coupled Motorized Shades

2 Panels ..... add \$159  
3 Panels ..... add \$315

RTS Repeater (Part #1810791) ..... add \$390 each

## 16 Channel Universal RTS Interface

(Part #1810872) ..... add \$938 each

## Tube Size Upgrade Surcharge

TUBE SIZE:	2-1/2"	3-1/4"
Hardwired Motorization (ST50 & ST50R)	194	227

## HARDWIRED MOTORIZATION

### Sonesse 30 (ST30) RTS Quiet Motor (24V)

*Sonesse – the compact, low-profile Sonesse 30 motor is a low voltage quiet motor solution. It features speed regulation for precise alignment of adjacent shades. Installation is easy. Projects typically don't require an electrician.*



**Wiring:** 2-wire. 16-22 gauge Amps at peak load: 1.8

- Motor lifts up to 23 lbs. – comes in 1½" tube – 1 motor per shade, coupled shades not available
- Available with Radio Technology Somfy (RTS) Solutions seamlessly integrate with all 3rd party home automation systems available
- Minimum width: 18½"
- Maximum width: 108"
- Maximum length: 132" for shades under 72" wide For shades over 72" wide, maximum length varies by fabric. Contact customer service.
- NOTE: motor does provide speed synchronization – with simultaneous operation of multiple shades, each shade will raise and lower at the same speed
- Standard Skyline Brackets
- Available with: Medium and Large Cassette, 3" & 4" Fascia, Pocket Headrail (see surcharges in Roller Shade Price Guide)
- **Hardwired** with 2-wire pigtail  
7.5' comes standard with shade  
Requires 24V "open frame regulated" power transformer (Project electrician can supply)
- **Plug-In**  
Requires optional single motor 24V transformer with 5' wire connection

### Sonesse 50 (ST50) RTS Quiet Motor (110V)

*The Sonesse 50 is a more heavy-duty quiet motor that's designed to operate larger shades – up to a width of 144", up to 3 coupled shades.*



**Wiring:** 3-wire. 14-16 gauge Amps at peak load: 1.2

- Motor lifts up to 52 lbs. – comes in 2", 2½", 3¼" tube depending on the size of shade
- Available with Radio Technology Somfy (RTS) Solutions seamlessly integrate with all 3rd party home automation systems available
- Minimum width: 33"
- Maximum size: 144" x 144"
- Up to 3 shades can be coupled side-by-side to operate with one motor
- NOTE: motor does provide speed synchronization with simultaneous operation of multiple shades
- Standard Motor Brackets are Drop In Style. Spring Ring available at no additional charge
- Available with: 4" Fascia, Pocket Headrail (see surcharges in Roller Shade Price Guide)
- **Hardwired** with 3-wire pigtail  
10' long, comes standard with shade
- **Plug-In**  
Requires optional 110V plug-in cable (Available in 3', 6' and 10')

### Sonesse 50 (ST50R) RTS Ultra Quiet Motor (110V)

*The Sonesse ST50R is a heavy-duty "Ultra Quiet" Motor. It will operate shade of up to a width of 144", up to 3 coupled shades.*



**Wiring:** 3-wire, 14-16 gauge Amps at peak load: .95

- Motor lifts up to 52 lbs. – comes in 2", 2½", 3¼" tube depending on size of shade 24RPM < 38 dba
- Available with Radio Technology Somfy (RTS) Solutions seamlessly integrate with all 3rd party home automation systems available
- Minimum width: 39"
- Maximum size: 144" x 144"
- Up to 3 shades can be coupled side-by-side to operate with one motor
- NOTE: motor does provide speed synchronizing with simultaneous operation of multiple shades
- Standard Motor Brackets are Drop In Style. Spring Ring available at no additional charge
- Available with: 4" Fascia, Pocket Headrail (see surcharges in Roller Shade Price Guide)
- **Hardwired** with 3-wire pig tail, 10' long comes standard with shade.
- **Plug-In**  
Requires optional 110V plug-in cable (Available in 3', 6' & 10')

### Plug-in Transformer (for ST30 motors)

- Plugs into a standard 110V AC wall outlet
- Connects to motor using 5' cord
- 24V Table Top Transformer plugs into 110V AC wall outlet. Optional Transformer available for 3-12 (2-10) motors.



**Overall dimensions:** Length: 2.75", Width: 1.625" Depth: 1.375"

### Motor Coupler Bracket (for Sonesse 50 motors)

- Allows 2-3 separate shades to share a common middle bracket, with a single motor on either side to control both shades together
- Maximum width for each coupled shade is 120", and maximum overall width is 216".
- ¼" cloth deduction on each side of bracket (½" overall)
- Requires 110V motor on 2" roller tube

*Motor available only on left or right side – specify when placing order*

Drop In			
Motor	Mid Gap	Mid Gap	Idle End
- 1 3/8"	- 7/16"	- 7/16"	- 3/4"

Spring Ring			
Motor	Mid Gap	Mid Gap	Idle End
- 1 1/16"	- 7/16"	- 7/16"	- 1 1/16"





## HARDWIRED MOTORIZATION – CONTROLS

### TELIS COLLECTION

#### Handheld Remote Controls

##### Telis 1, 5 and 16 Channel Remotes

can be programmed to operate individual shades or a group of shades. Operates from 50 feet away. Available in white and comes with mounting hardware for hanging when not in use. Utilizes one 3V lithium disc battery (included).



Note: 16 channel remote utilizes 2 AA batteries (included).

#### Timer

Single channel RTS remote with programmable timer. Automatic and manual modes that feature an on-dash screen display

- Pre-programmed with default times
- Quick set features
- Utilizes 2 AAA batteries (included)



#### RF Decoflex Wireless Wall Switches

(available in 1-Channel and 5-Channel) is easy to install with a standard single gang electrical box and does not require any wiring.

With the 5-channel switch, 5 channels can be programmed to operate individual shades or different groups of shades. Operates from 50 feet away. Available in white and comes with button labels and mounting hardware to mount flush in drywall. Uses a 3V lithium disc battery (included).



#### Smooove 1 RTS

The Smooove® 1 RTS surface-mounted wall switch avoids cutting into drywall. This single channel, battery-operated solution is easy to install, and doesn't require an electrician. It's an intuitive, surface mount control.



#### 16 Channel Universal RTS Interface

The interface is used to communicate between home automation systems and motors/controls. It is capable of individual or group control. Up to 16 channels are available.

Converts RF, IR, RS 232, RS 485 to control Somfy RF motors



*Overall Dimensions: Length: 3½", Width 4", Depth: 1¼"*

#### RTS Repeater

The Repeater extends the range of all Somfy RTS controllers.

- Normal signal range is approximately 60 ft. RTS repeater extends range additional 70 ft.
- Simply plugs into any standard 110V AC electrical outlet. Should be placed at least halfway between sending device (remote control/wall switch/RTS interface) and the motor. Features an LED light that confirms the unit is receiving a signal. No programming needed.



#### Home Automation

Somfy RF motors can easily link to most home automation systems and allow control of window treatments from computer or other controller devices.



#### myLink

The myLink™ RTS Smartphone and Tablet Interface is a WiFi to Radio Technology Somfy® (RTS) bridge that can control up to 5 channels of RTS motorized products using the Somfy myLink apps for iOS and Android devices. Through the app, users can send immediate RTS commands, create scenes (a group of motorized products working together) and schedules (timed events). Users may access their myLinks from anywhere with the app's remote access feature. Though the myLink is a single-zone controller, multiple myLinks can be joined within the same system for multi-zone control.

